

CAPITAL IMPROVEMENT PROGRAM



CITY OF BATTLE CREEK

FISCAL YEARS 2019-2020 TO 2024-2025



TABLE OF CONTENTS

Memorandum of Transmittal	3
Introduction	5
Capital Improvement Program Scoring for Basic Program Attributes and Community-Oriented Results	9
Capital Improvement Projects Summary	
Community Result Score 1 - Funded	27
Community Result Score 2 - Funded	27
Community Result Score 3 - Funded	28
Community Result Score 4 - Funded	28
Community Result Score 1 - Not Funded	28
Community Result Score 2 - Not Funded	31
Community Result Score 3 - Not Funded	32
Community Result Score 4 - Not Funded	33
Capital Improvement Projects Detail	
Community Result Score 1 - Funded	35
Community Result Score 2 - Funded	47
Community Result Score 3 - Funded	52
Community Result Score 4 - Funded	59
Community Result Score 1 - Not Funded	60
Community Result Score 2 - Not Funded	92
Community Result Score 3 - Not Funded	110
Community Result Score 4 - Not Funded	128
Property List	
Property List and 2019 Values	131

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CITY OF BATTLE CREEK
CITY MANAGER

Memorandum of Transmittal

TO: Planning Commission
Honorable Mayor and City Commission

FROM: Rebecca Fleury, City Manager

SUBJECT: Six-Year Capital Improvement Program FY 2019-2020 through FY 2024-2025

DATE: March 27, 2019

The City Administration is pleased to transmit to you the recommended six-year Capital Improvement Program (CIP) for the City of Battle Creek for Fiscal Years 2019-2020 through 2024-2025. This document formalizes and consolidates all of the capital improvement projects throughout City departments and component units and provides a comprehensive summary of the capital needs of the City for the next six years.

This year is the fourth year in which we utilized the Priority Based Budgeting (PBB) scoring mechanism to score and evaluate our capital improvement projects. We hope it provides you additional information to understand how these projects impact our PBB Community Results.

The CIP also details the potential source of funding for the capital projects. The program has been developed in an effort to direct the City's limited resources in the most effective manner. Funding strategies include: pay-as-you-go, bond financing, State and Federal grants, the Battle Creek Tax Increment Finance Authority (BCTIFA), and various other sources. By matching the available resources with the capital needs of the City and evaluating their impact on our PBB Community Results, a more proactive approach can be taken for long-term financial planning.

The financing of capital improvements continues to be a challenge. We hope that the implementation of Priority Based Budgeting will assist in identifying those projects closely aligned with our community results. Funding sources for capital improvements are always being explored as we continue to utilize PBB.

This marks the sixteenth edition of the CIP. The successful completion of this document would not have been possible without the full support of the City's Directors, Department and Division heads, Finance Department staff, and Battle Creek Unlimited.

Rebecca L. Fleury
City Manager

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INTRODUCTION

SELECTION OF THE PERIOD COVERED BY THE CAPITAL IMPROVEMENT PROGRAM

The Michigan Municipal Planning Commission Act (PA 33 of 2008, as amended) provides for the preparation of a six-year capital improvements program under the guidance of the City Planning Commission.

“To further the desirable future development of the local unit of government under the master plan, a planning commission, after adoption of a master plan, shall annually prepare a capital improvements program of public structures and improvements, unless the planning commission is exempted from this requirement by charter or otherwise. If the planning commission is exempted, the legislative body either shall prepare and adopt a capital improvements program, separate from or as a part of the annual budget, or shall delegate the preparation of the capital improvements program to the chief elected official or a nonelected administrative official, subject to final approval by the legislative body. The capital improvements program shall show those public structures and improvements, in the general order of their Community Result Score that in the commission's judgment will be needed or desirable and can be undertaken within the ensuing 6-year period. The capital improvements program shall be based upon the requirements of the local unit of government for all types of public structures and improvements. Consequently, each agency or department of the local unit of government with authority for public structures or improvements shall upon request furnish the planning commission with lists, plans, and estimates of time and cost of those public structures and improvements.”

STATEMENT OF EXECUTIVE POLICY TO GUIDE THE CAPITAL IMPROVEMENT PROGRAMMING PROCESS

The chief executive of the governmental unit should prepare a message to departments and other agencies which indicate key policies which should be taken into account in preparation of the capital improvements program. The executive policy message should indicate the kinds of facilities and services which the administration wishes to emphasize or de-emphasize in the program based on overall fiscal capabilities and public opinion.

DEFINITION OF A CAPITAL PROJECT FOR CAPITAL PROGRAMMING PURPOSES

Capital outlays are expenditures which result in the acquisition of or addition to fixed assets. Fixed assets are of a long-term nature, which are intended to continue to be held or used, such as land, buildings, and large machinery. Because of their recurring nature, costs for such items as office furniture, office equipment and passenger vehicles are normally not included in a capital improvement program.

In general terms, the definition of capital improvements includes new or expanded physical facilities that are relatively large size, expensive, and relatively permanent.

For the purposes of the City of Battle Creek's Capital Improvement Program, the following items will be considered to qualify as elements of the program:

1. **Land:** Expenditures for the acquisition of land for the purpose of some long-term use, such as a park or public facility, should be included.
2. **Structures:** Structures include public buildings, road improvements, utilities, airports, and similar types of improvements. The capital improvement program should include construction costs, as well as architectural, engineering, design, legal and related expenses.
3. **Preliminary Plans, Feasibility Studies and Technical Analysis:** The anticipated costs associated with the preparation of plans, reports, studies and investigations should be included in the capital improvement program.
4. **Machinery and Equipment:** Only machinery and equipment meeting the established minimum cost and expected life identified below should be included.

STANDARDS FOR INCLUSION IN CAPITAL IMPROVEMENT PROGRAM – COST AND LIFE EXPECTANCY

To be considered as a potential project identified in the capital improvement program for the City of Battle Creek, an item must:

- Have an estimated cost of at least **\$25,000**; and
- Have a minimal useful life of at least **five (5) years**.

FUNDING SOURCES

Funding Sources	Description
A51	Act 51
AF	Airport Fund
BCTIFA	Battle Creek Tax Increment Finance Authority
BRA	Brownfield Redevelopment Authority
CIB	Capital Improvement Bonds
CJ	Contributing Jurisdictions
CMAQ	Congestion Mitigation & Air Quality Improvement Program
DDA	Downtown Development Authority
DWRP	Drinking Water Revolving Fund
ECF	Equipment Center Fund
FBE	Full Blast Endowment Fund
FF	Federal Grant/Funds
GF	General Fund
ITF	Information Technology Fund
LBP	Local Bridge Program
MLSCPF	Major & Local Street Capital Project Funds
PF	Parking Fund
PS	Private Sources
QEC	Qualified Energy Conservation Bond
SF	State Grant/Funds
SGF	Special Grants Fund
WF	Water Fund
WWF	Wastewater Fund

PRIORITY BASED BUDGETING FOR CAPITAL IMPROVEMENT PROGRAM

This is the fourth year the City of Battle Creek has used the Priority Based Budgeting (PBB) model to prioritize the projects included in the CIP. This is an exciting new way to think about the services the City provides and the resources that are allocated to those services. PBB is about achieving fiscal health and wellness by looking at the way the City does things through a different lens. The City of Battle Creek has been one of only a handful of communities using the PBB model to expand its use to include the CIP projects.

One of the most critical steps in implementing the prioritization process is the scoring of projects. In this step, a cross-functional review team scored each individual capital improvement project relative to the basic program attributes and the eight community-oriented results of this document, in addition to the scoring done by the department. This step helped identify how each individual project influences or impacts the ability to achieve any or all of the eight stated results. There may be projects that influence the achievement of several or even all of the City's results, and the team was tasked to determine the connection between each single project and its ability to achieve any or all of the City's results. The team considered what degree of impact the individual projects have on each result to determine a consensus score for each criteria. These scores were summarized by the Center for Priority Based Budgeting using their auto program-scoring calculator to determine an overall priority score for each project.

PRIORITY DEFINITIONS

- 1.....Very relevant to achieving community result**
- 2.....Relevant to achieving community result**
- 3.....Some impact on achieving community result**
- 4.....Minimal impact on achieving community result**

SCORING CRITERIA

- Basic Program Attributes..... Pages 10 – 16**
- Community – Oriented Results Pages 17 - 25**



CIP Scoring for Basic Program Attributes & Community-Oriented Results

Basic Program Attributes Results

City of Battle Creek's Basic Program Attributes

- **Mandated to Provide the Project**
- **Reliance on the City to Provide the Project**
 - **Cost Recovery of Project**
- **Portion of Community Served by the Project**
 - **Change in Demand for the Project**

Basic Program Attributes: **Mandated to Provide Project**

- *Projects that are mandated by another level of government (i.e. federal, state or county) will receive a higher score for this attribute compared to projects that are mandated solely by the City or have no mandate whatsoever.*
- The grading criterion established to score projects, on a 0 to 4 scale is as follows:
 - **4** = Required by Federal, State or County legislation
 - **3** = Required by Charter or incorporation documents **OR** to comply with regulatory agency standards
 - **2** = Required by Code, ordinance, resolution or policy **OR** to fulfill executed franchise or contractual agreement
 - **1** = Recommended by national professional organization to meet published standards, other best practice
 - **0** = No requirement or mandate exists

Basic Program Attributes: **Reliance on City to Provide Project**

- *Projects for which residents, businesses and visitors can look only to the City to obtain the service will receive a higher score for this attribute compared to projects that may be similarly obtained from another intergovernmental agency or a private business.*
- The grading criterion established to score projects, on a 0 to 4 scale is as follows:
 - **4** = City is the sole provider of the project and there are **no** other public or private entities that provide this type of project
 - **3** = City is currently the sole provider of the project but there are other public or private entities that could be contracted to provide a similar project
 - **2** = NA
 - **1** = NA
 - **0** = Project is also offered by multiple other providers

Basic Program Attributes: **Cost Recovery of Project**

- *Projects that demonstrate the ability to “pay for themselves” through user fees, intergovernmental grants or other user-based charges for services will receive a higher score for this attribute compared to projects that generate limited or no funding to cover their cost.*
- The grading criterion established to score projects, on a **0 to 4** scale is as follows:
 - **4** = Fees generated cover 75% to 100% of the cost to provide the project
 - **3** = Fees generated cover 50% to 74% of the cost to provide the project
 - **2** = Fees generated cover 25% to 49% of the cost to provide the project
 - **1** = Fees generated cover 1% to 24% of the cost to provide the project
 - **0** = No fees are generated that cover the cost to provide the project

Basic Program Attributes: Portion of Community Served by Project

- Projects that benefit or serve a larger segment of the City's residents, businesses and/or visitors will receive a higher score for this attribute compared to projects that benefit or serve only a small segment of these populations.
- The grading criterion established to score projects, on a **0 to 4** scale is as follows:
 - **4** = Project benefits/serves the **ENTIRE** community (100%)
 - **3** = Project benefits/serves a **SUBSTANTIAL** portion of the community (at least 75%)
 - **2** = Project benefits/serves a **SIGNIFICANT** portion of the community (at least 50%)
 - **1** = Project benefits/serves **SOME** portion of the community (at least 10%)
 - **0** = Project benefits/serves only a **SMALL** portion of the community (less than 10%)

Basic Program Attributes: Change in Demand for Project

- *Projects demonstrating an increase in demand or utilization will receive a higher score for this attribute compared to projects that show no growth in demand for the project. Projects demonstrating a decrease in demand or utilization will actually receive a minus score for this attribute.*
- The grading criterion established to score projects, on a **-4 to 4** scale is as follows:
 - **4** = Project experiencing a **SUBSTANTIAL** increase in demand of 25% or more
 - **3** = Project experiencing a **SIGNIFICANT** increase in demand of 15% to 24%
 - **2** = Project experiencing a **MODEST** increase in demand of 5% to 14%
 - **1** = Project experiencing a **MINIMAL** increase in demand of 1% to 4%
 - **0** = Project experiencing **NO** change in demand
 - **-1** = Project experiencing a **MINIMAL** decrease in demand of 1% to 4%
 - **-2** = Project experiencing a **MODEST** decrease in demand of 5% to 14%
 - **-3** = Project experiencing a **SIGNIFICANT** decrease in demand of 15% to 24%
 - **-4** = Project experiencing a **SUBSTANTIAL** decrease in demand of 25% or more

Community-Oriented Results



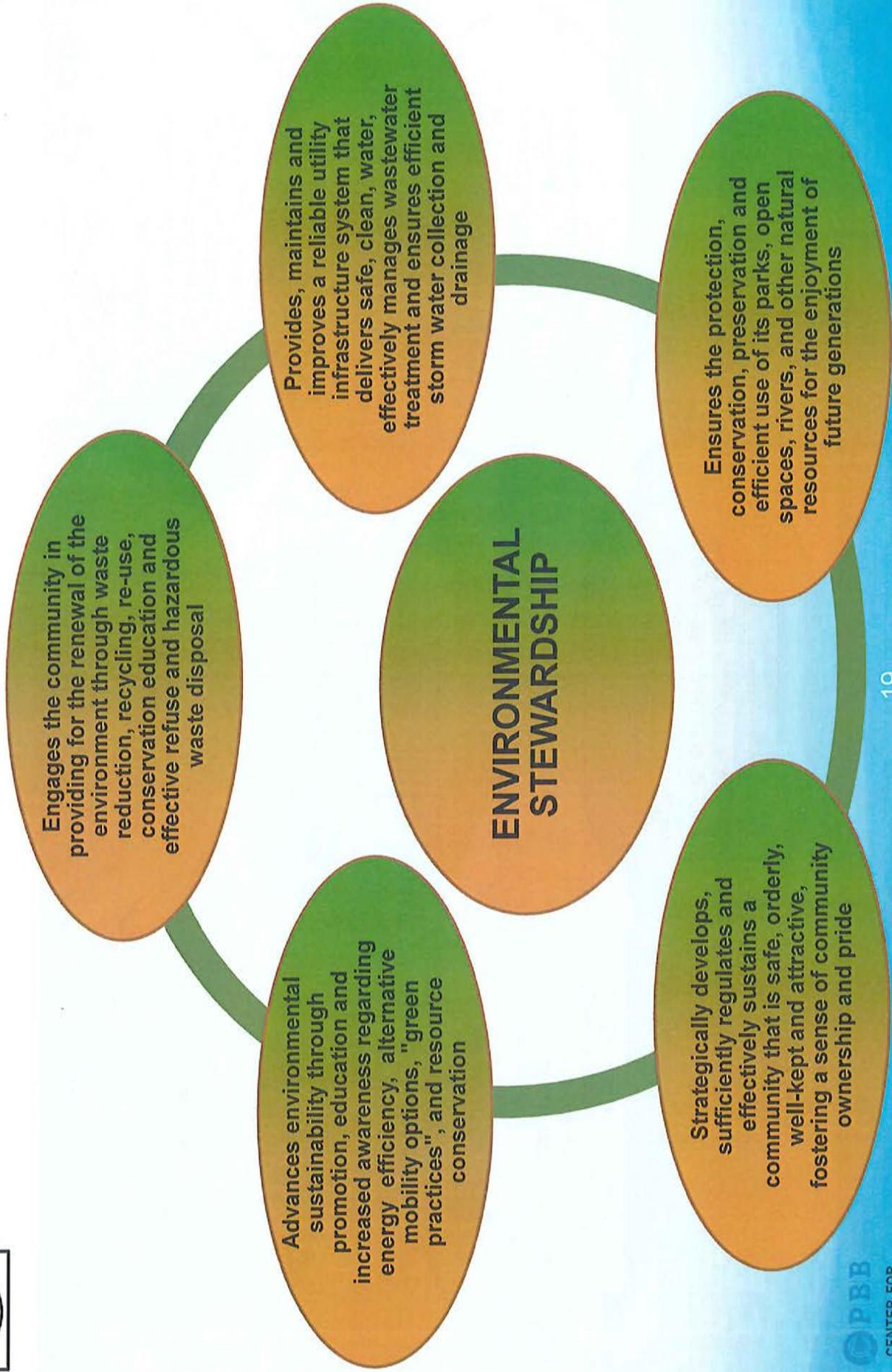


City of Battle Creek, Michigan





City of Battle Creek, Michigan





City of Battle Creek, Michigan

Provides sufficient and effective levels of land use, zoning and code regulations that are applied fairly and consistently

Proactively prepares, regularly maintains and consistently follows strategic and future-focused development, land use and comprehensive master plans, based on input from community stakeholders, that meet the growth needs of the City

Offers a safe, attractive and healthy place to live and work with access to quality housing options, schools, parks, open space and basic daily needs

WELL-PLANNED GROWTH and DEVELOPMENT

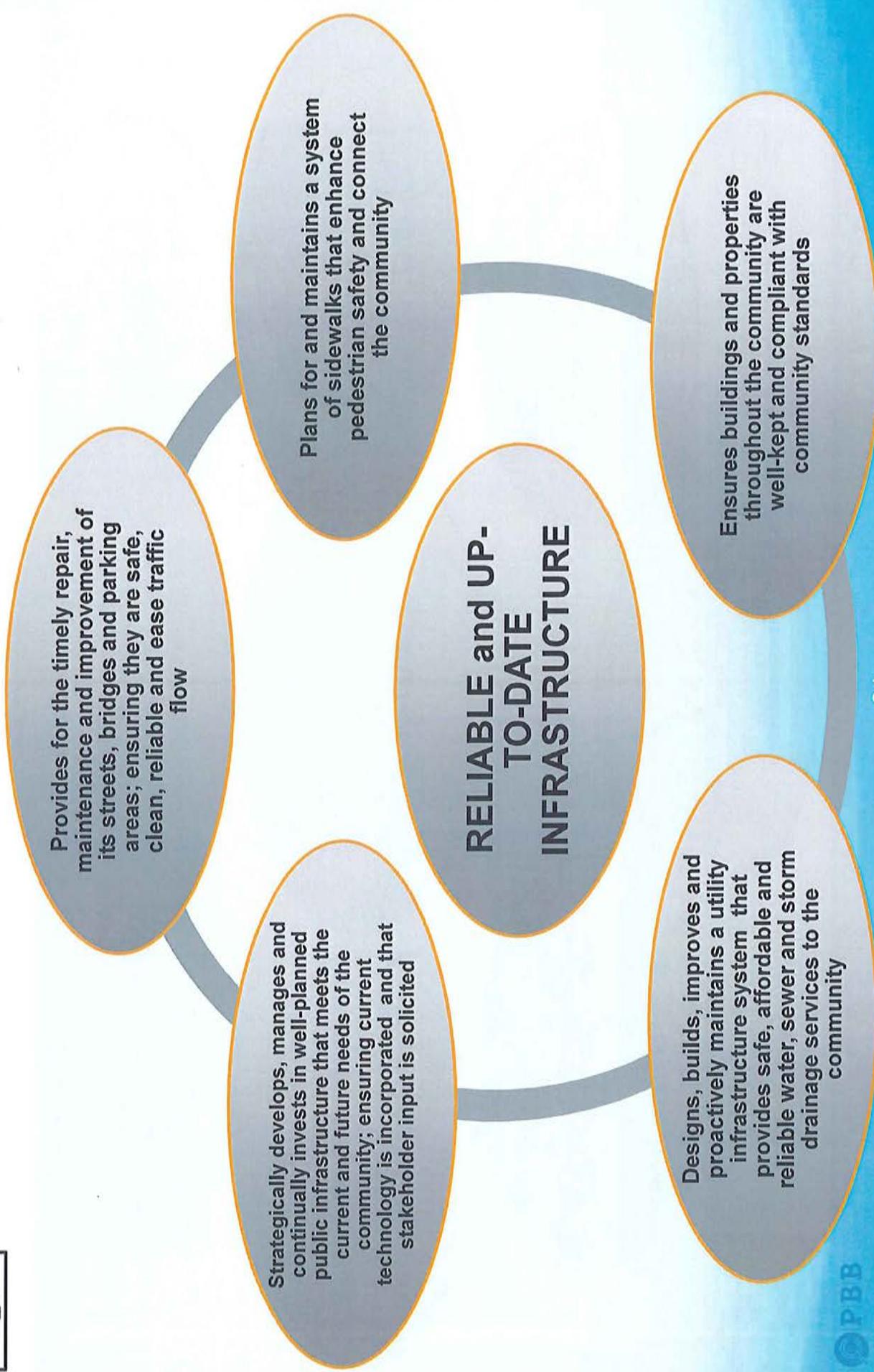
Provides, maintains and invests in well-planned public infrastructure that accommodates the current and future growth needs of the community

Partners with the community to attract, support, incentivize and retain local businesses that provide for job creation and growth

Promotes and supports well-planned, quality development and redevelopment especially focusing on revitalization and renovation of vacant and distressed properties

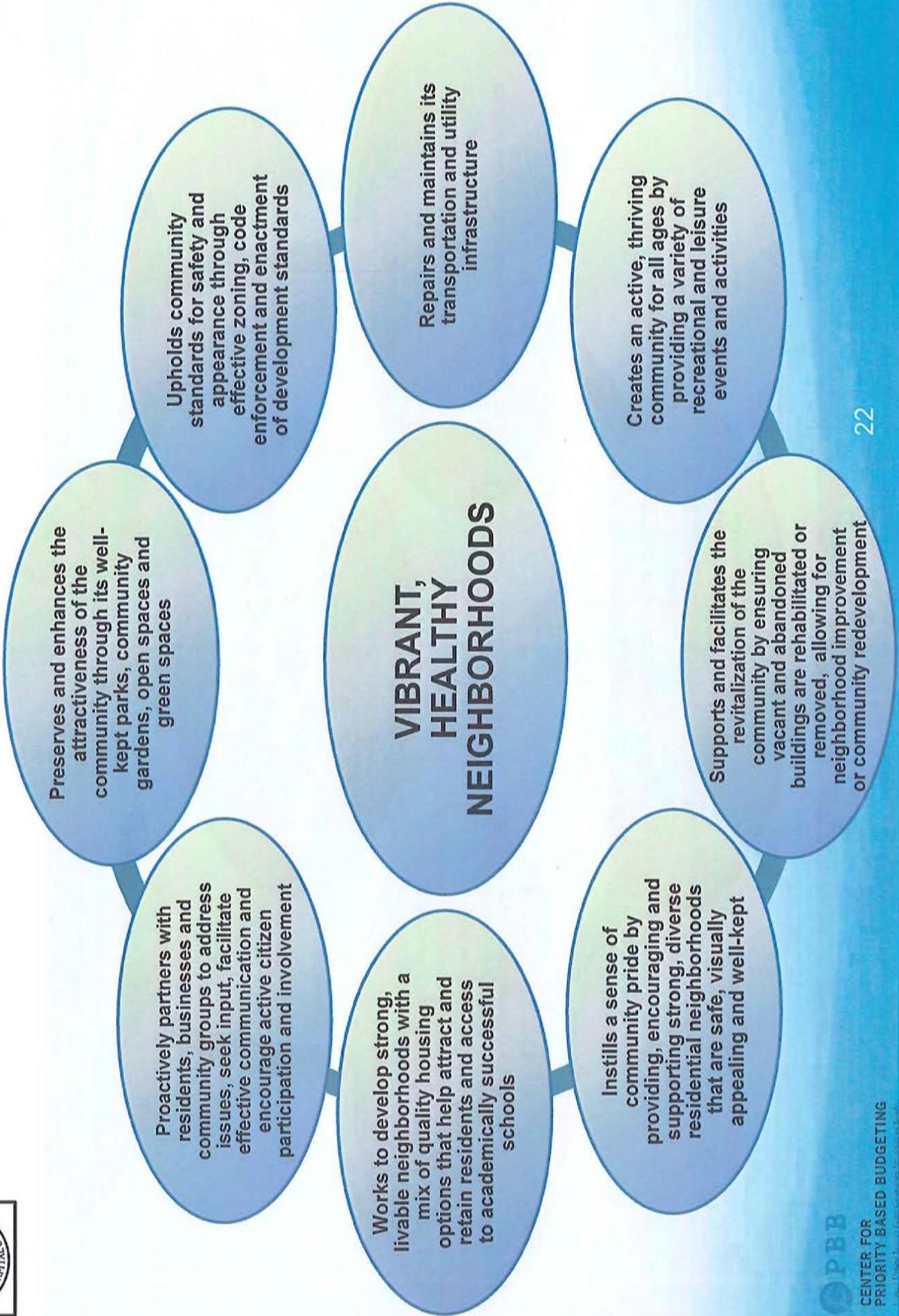


City of Battle Creek, Michigan



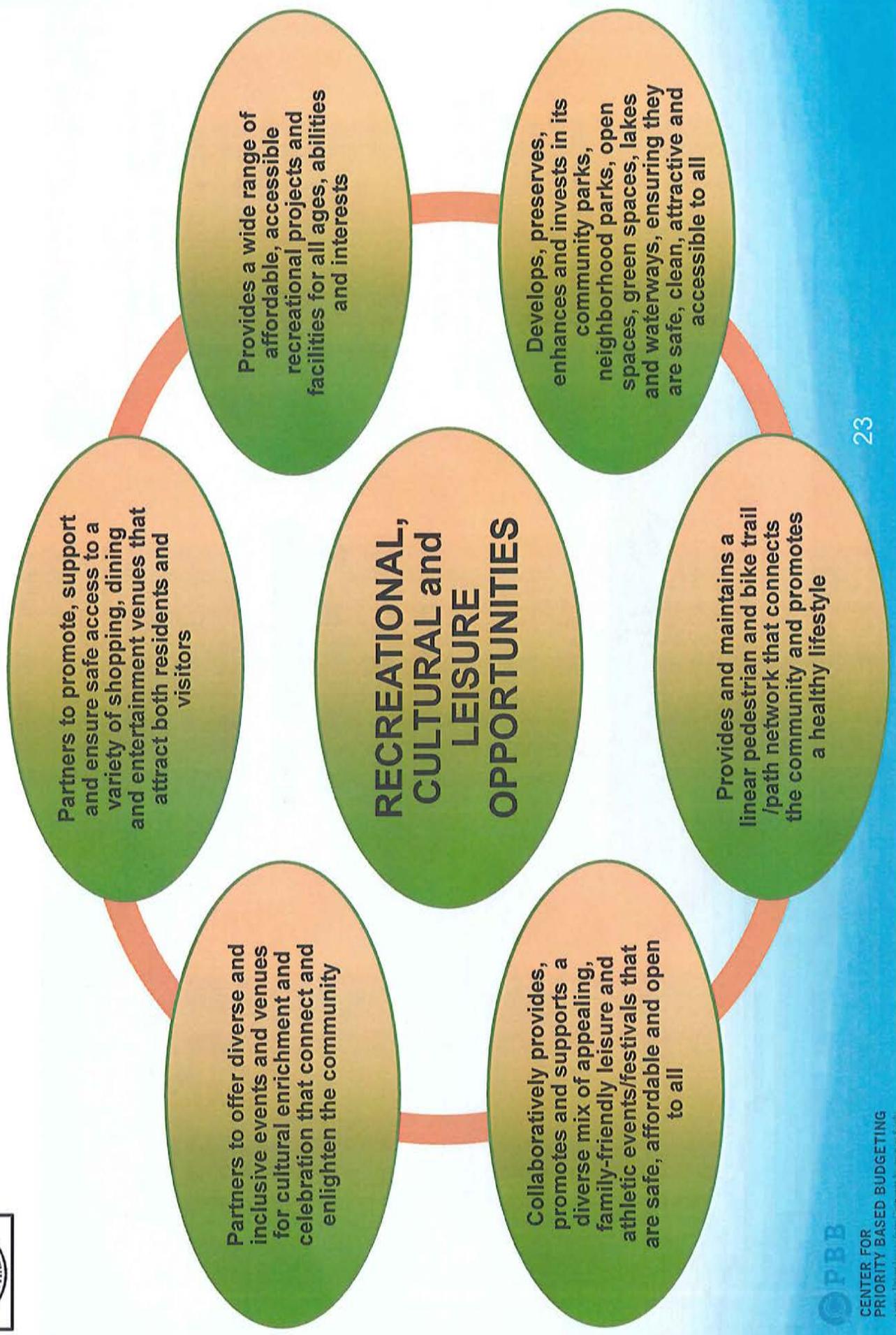


City of Battle Creek, Michigan





City of Battle Creek, Michigan



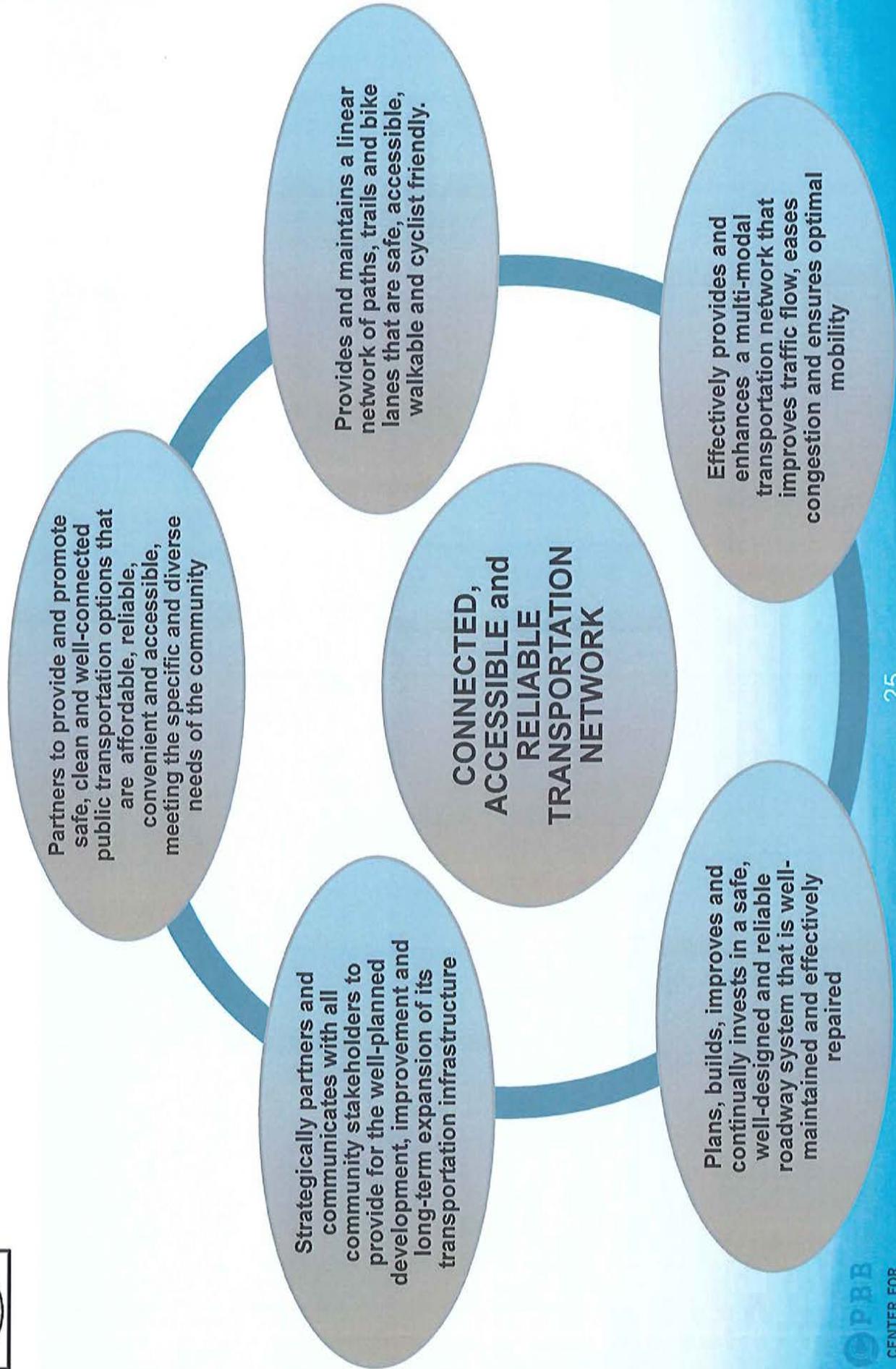


City of Battle Creek, Michigan





City of Battle Creek, Michigan



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City of Battle Creek

Capital Improvement Projects Summary

Fiscal Years 2019-2020 to 2024-2025

Summarized by Funded, Community Result Score and Department

Funded	Community Result Score	Department	Project Title	2019-2020 Expenditures	2020-2021 Expenditures	2021-2022 Expenditures	2022-2023 Expenditures	2023-2024 Expenditures	2024-2025 Expenditures	Project Total	Funding Source1	Funding Source2	Funding Source3	Funding Source4	New Project?	Meets Master Plan?	Detail Page
Yes	1	BCTIFA	Airport Development	\$1,800,000	\$2,000,000	\$2,750,000	\$2,550,000	\$2,400,000	\$2,350,000	\$13,850,000	BCTIFA	AF	SF	FF	No	Yes	35
Yes	1	BCTIFA	Airport Maintenance	\$750,000	\$700,000	\$1,125,000	\$900,000	\$975,000	\$725,000	\$5,175,000	BCTIFA	AF	SF	FF	No	Yes	35
Yes	1	BCTIFA	Airport Retention Support	\$600,000	\$1,100,000	\$1,100,000	\$600,000	\$600,000	\$600,000	\$4,600,000	BCTIFA	AF			No	Yes	36
Yes	1	BCTIFA	Fort Business Retention Support	\$500,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$4,250,000	BCTIFA				No	Yes	36
Yes	1	BCTIFA	Fort Maintenance	\$900,000	\$1,000,000	\$750,000	\$1,000,000	\$750,000	\$1,000,000	\$5,400,000	BCTIFA				No	Yes	37
Yes	1	BCTIFA BRA	Fort Development	\$650,000	\$1,650,000	\$1,650,000	\$1,150,000	\$1,150,000	\$900,000	\$7,150,000	BCTIFA	BRA			No	Yes	37
Yes	1	Engineering	ACT 51 financial match on Projects within the City of Battle Creek on State Trunklines		\$70,000					\$70,000	MLSCPF				Yes	Yes	38
Yes	1	Engineering	Battle Creek - Surface Treatment Program	\$770,000	\$695,000	\$575,000	\$695,000	\$695,000	\$695,000	\$4,125,000	MLSCPF	FF			No	Yes	38
Yes	1	Engineering	Bridge Maintenance Program	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000	MLSCPF				No	Yes	39
Yes	1	Engineering	Bridge Preventative Maintenance - Emmett, Hamblin, Elm			\$650,000				\$650,000	MLSCPF				Yes	Yes	39
Yes	1	Engineering	Capital Preventative Maintenance Micro Surfacing & Chip Seal & Crack Fill Contract	\$1,537,000	\$1,600,000	\$1,400,000	\$1,550,000	\$1,400,000	\$1,400,000	\$8,887,000	MLSCPF				No	Yes	40
Yes	1	Engineering	Hill Brady Multiuse Path	\$700,000						\$700,000	FF	BCTIFA			Yes	Yes	40
Yes	1	Engineering	Intersection Modernization of Capital and Michigan Ave	\$325,000						\$325,000	FF				No	Yes	41
Yes	1	Engineering	Resurfacing Program	\$410,000	\$365,000	\$1,580,000	\$700,000	\$700,000	\$700,000	\$4,330,000	MLSCPF	BCTIFA			No	Yes	41
Yes	1	Traffic Engineering	Traffic Signal Modernization, Capital @ Michigan	\$355,000						\$355,000	CMAQ	A51			No	Yes	42
Yes	1	Traffic Engineering	Traffic Signal Modernization, Capital @ Van Buren			\$355,000				\$355,000	CMAQ	A51			No	Yes	42
Yes	1	Traffic Engineering	Traffic Signal Modernization, Main @ Cliff		\$220,000					\$220,000	CMAQ	A51			No	Yes	43
Yes	1	Traffic Engineering	Traffic Signal Modernization, McCamly @ Van Buren				\$355,000			\$355,000	CMAQ	A51			No	Yes	43
Yes	1	Wastewater	Interceptor Rehabilitation Project	\$1,300,000	\$1,300,000					\$2,600,000	WWF	CI			No	Yes	44
Yes	1	Wastewater	Sewer Replacement - Street Program	\$248,000	\$256,000	\$330,000	\$480,000	\$2,185,000	\$2,385,000	\$5,884,000	WWF				No	Yes	44
Yes	1	Wastewater	Solids Handling Improvements	\$1,182,000	\$388,000	\$812,000	\$1,956,500	\$565,000	\$115,000	\$5,018,500	WWF				No	Yes	45
Yes	1	Water	Pump Replacement	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000	WF				No	Yes	45
Yes	1	Water	Valve and Hydrant Replacement	\$152,000	\$152,000	\$152,000	\$152,000	\$152,000	\$152,000	\$912,000	WF				No	Yes	46
Yes	1	Water	Water Main & Trans. Line Replacement - Street Program	\$2,210,000	\$861,250	\$3,782,500	\$1,806,000	\$1,809,250	\$2,711,250	\$13,180,250	WF				No	Yes	46
Yes	1	Water	Water Service Replacement and Restoration	\$300,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,300,000	WF				No	Yes	47
Yes	2	BCTIFA	Infrastructure Development	\$750,000	\$1,150,000	\$1,300,000	\$1,200,000	\$1,000,000	\$1,000,000	\$6,400,000	BCTIFA	SF			No	Yes	47
Yes	2	BCTIFA BRA	Shovel Ready Site Preparation	\$135,000	\$4,125,000	\$3,150,000	\$3,150,000	\$2,150,000	\$2,150,000	\$14,860,000	BCTIFA	BRA			No	Yes	48
Yes	2	Transit	Large Bus Replacement		\$400,000					\$400,000	SF				No	Yes	48

City of Battle Creek

Fiscal Years 2019-2020 to 2024-2025

Capital Improvement Projects Summary

Summarized by Funded, Community Result Score and Department

Funded	Community Result Score	Department	Project Title	2019-2020 Expenditures	2020-2021 Expenditures	2021-2022 Expenditures	2022-2023 Expenditures	2023-2024 Expenditures	2024-2025 Expenditures	Project Total	Funding Source1	Funding Source2	Funding Source3	Funding Source4	New Project?	Meets Master Plan?	Detail Page
Yes	2	Transit	Van Replacement		\$80,000					\$80,000	CMAQ	SF			No	Yes	49
Yes	2	Wastewater	Lift Station Replacement	\$67,500	\$832,500	\$765,000	\$865,000	\$658,000	\$541,000	\$3,729,000	WWF				No	Yes	49
Yes	2	Wastewater	Meter Replacement - Wastewater	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000	WWF				No	Yes	50
Yes	2	Water	Meter Replacement - Water	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000	WF				No	Yes	50
Yes	2	Water	Water Tank Rehab	\$290,000	\$415,000	\$350,500	\$844,500	\$82,000	\$198,000	\$2,180,000	WF				No	Yes	51
Yes	2	Water	Well Maintenance	\$510,000	\$250,000	\$150,000	\$150,000	\$150,000	\$150,000	\$1,360,000	WF				No	Yes	51
Yes	3	Equipment Center	Cars	\$384,283	\$71,298	\$156,608	\$266,470	\$330,688	\$126,918	\$1,336,265	ECF				No	Yes	52
Yes	3	Equipment Center	Compact Vans	\$25,386				\$57,332	\$85,012	\$167,730	ECF				No	Yes	52
Yes	3	Equipment Center	Full Size Vans			\$64,960			\$68,588	\$133,548	ECF				No	Yes	53
Yes	3	Equipment Center	Heavy Duty Trucks	\$1,188,480	\$1,255,610	\$815,000	\$919,600	\$792,450	\$485,100	\$5,456,240	ECF				No	Yes	53
Yes	3	Equipment Center	Heavy Equipment	\$862,369	\$854,668	\$253,850	\$134,959	\$105,135	\$846,379	\$3,057,360	ECF				No	Yes	54
Yes	3	Equipment Center	Light Duty Trucks	\$235,966	\$324,018	\$477,145	\$243,970	\$219,345	\$251,577	\$1,752,021	ECF				No	Yes	54
Yes	3	Equipment Center	Light Equipment	\$274,513	\$194,566	\$106,477	\$221,284	\$38,833	\$196,791	\$1,032,464	ECF				No	Yes	55
Yes	3	Equipment Center	Medium Duty Trucks	\$476,344	\$200,650	\$247,185	\$76,704	\$263,001	\$184,676	\$1,448,560	ECF				No	Yes	55
Yes	3	Equipment Center	Parking Lot Restoration	\$104,000	\$114,950					\$218,950	ECF				No	Yes	56
Yes	3	Equipment Center	SUVs	\$126,815	\$449,660	\$367,981	\$301,975	\$134,700	\$422,979	\$1,804,110	ECF				No	Yes	56
Yes	3	Equipment Center	Trailers/Pulled Equipment	\$116,025	\$99,644	\$4,992		\$56,567		\$277,228	ECF				No	Yes	57
Yes	3	Information Technology	PC Replacement	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$480,000	ITF				No	Yes	57
Yes	3	Police Department	BCPD Bomb Squad Equipment	\$25,000		\$25,000		\$25,000		\$75,000	GF				Yes	Yes	58
Yes	3	Wastewater	As Built Mapping of Sewer System	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000	WWF				No	Yes	58
Yes	3	Water	As Built Mapping of Water System	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000	WF				No	Yes	59
Yes	4	Equipment Center	HVAC Controls Upgrade			\$105,000				\$105,000	ECF				Yes	Yes	59
Yes	4	Equipment Center	Roof and Interior Maintenance				\$100,000	\$103,000		\$203,000	ECF				Yes	Yes	60
No	1	Airport	Construction for Reconstruction of East T-Hangar Area				\$897,136	\$897,136		\$897,136	FF	SF	BCTIFA		No	Yes	61
No	1	Airport	Construction for Reconstruction of Taxiway F					\$4,760,700		\$4,760,700	FF	SF	BCTIFA		No	Yes	61
No	1	Airport	Construction for Rehab Twy C Phase III & Twy E Conn	\$3,245,220						\$3,245,220	FF	SF	BCTIFA		No	Yes	62
No	1	Airport	Construction for Rehabilitate Taxiway A			\$4,032,800				\$4,032,800	FF	SF	BCTIFA		No	Yes	63
No	1	Airport	Design for Reconstruction of East T-Hangar Area				\$72,865			\$72,865	FF	SF	BCTIFA		No	Yes	63

City of Battle Creek

Capital Improvement Projects Summary

Fiscal Years 2019-2020 to 2024-2025

Summarized by Funded, Community Result Score and Department

Funded	Community Result Score	Department	Project Title	2019-2020 Expenditures	2020-2021 Expenditures	2021-2022 Expenditures	2022-2023 Expenditures	2023-2024 Expenditures	2024-2025 Expenditures	Project Total	Funding Source1	Funding Source2	Funding Source3	Funding Source4	New Project?	Meets Master Plan?	Detail Page
No	1	Airport	Design for Rehabilitate Taxiway A		\$329,200					\$329,200	FF	SF	BCTIFA		No	Yes	64
No	1	Airport	Design for the reconstruction of Taxiway F				\$389,301			\$389,301	FF	SF	BCTIFA		No	Yes	64
No	1	Battle Creek DDA	Building Improvement Program	\$250,000	\$300,000	\$50,000		\$250,000	\$250,000	\$1,100,000	DDA	SF			No	Yes	65
No	1	Battle Creek DDA	Downtown Property Acquisition	\$200,000	\$200,000	\$50,000		\$325,000	\$200,000	\$975,000	DDA	SF			No	Yes	65
No	1	Battle Creek DDA	Gogua Lake North end Redevelopment	\$300,000	\$1,500,000	\$1,200,000	\$900,000	\$500,000	\$300,000	\$4,700,000	DDA	SF	PS		No	Yes	66
No	1	Battle Creek DDA	Greenspace and Riverfront Improvements	\$200,000	\$100,000	\$100,000	\$50,000		\$100,000	\$550,000	DDA	SF			No	Yes	66
No	1	Battle Creek DDA	Streetscape Enhancements	\$100,000	\$25,000	\$50,000	\$125,000	\$75,000	\$50,000	\$425,000	DDA	SF			No	Yes	67
No	1	Battle Creek DDA	Trail Head Development		\$225,000					\$225,000	DDA	SF			No	Yes	67
No	1	Battle Creek DDA	Wayfinding and Gateway Signage		\$125,000					\$125,000	DDA	SF			No	Yes	68
No	1	BCTIFA BRA	Corridor Improvements	\$2,400,000	\$3,450,000	\$3,400,000	\$2,300,000	\$2,275,000	\$1,175,000	\$15,000,000	BCTIFA	BRA	SF		No	Yes	68
No	1	City Hall Maintenance	City Hall Façade Repair and Refurbishing	\$1,310,000						\$1,310,000	GF				No	Yes	69
No	1	Engineering	24th and Gethings Sidewalk Extension	\$60,000						\$60,000	GCI				Yes	Yes	69
No	1	Engineering	Battle Creek River Electrical System Replacement	\$125,000						\$125,000	DDA				No	Yes	70
No	1	Engineering	Battle Creek River Pedestrian Lighting Upgrade	\$50,000						\$50,000	DDA				No	Yes	70
No	1	Engineering	LED Right-a-Way Conversion	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000	GCI				Yes	Yes	71
No	1	Engineering	Park Electrical Systems Upgrade	\$25,000						\$25,000	DDA	GF			No	Yes	71
No	1	Engineering	Sojourner Truth Monument Amphitheater Rehab	\$50,000						\$50,000	DDA				No	Yes	72
No	1	Fire Department	New Fire Station	\$750,000						\$750,000	CIB				No	Yes	72
No	1	Fire Department	Purchase new engine (E2)		\$550,000					\$550,000	CIB				No	Yes	73
No	1	Fire Department	Purchase new engine (E5)		\$550,000					\$550,000	CIB				No	Yes	73
No	1	Fire Department	Remodel Selected Fire Stations (2, 3, 5, 6)				\$4,000,000			\$4,000,000	CIB				No	Yes	74
No	1	Information Technology	IT Strategic Plan and System Assessment	\$30,000		\$15,000				\$45,000	ITF				No	Yes	74
No	1	Parking	Michigan - Lighting					\$200,000		\$200,000	PF				No	Yes	75
No	1	Parks	Downtown Riverfront/Will Pond Redevelopment	\$600,000	\$300,000		\$2,200,000	\$3,000,000		\$6,100,000	GF	SF			No	Yes	75
No	1	Parks	E. Columbia Ave. River and Park Development				\$500,000	\$370,000		\$870,000	GF	SF			No	Yes	76
No	1	Parks	Fell Park (Master Plan Renovations)			\$450,000				\$450,000	GF				No	Yes	76
No	1	Parks	Linear Park Expansion				\$50,000			\$50,000	GF				No	Yes	77
No	1	Parks	Linear Park Expansion, North Side to South Side			\$300,000	\$2,200,000			\$2,500,000	GF	SF			No	Yes	77

City of Battle Creek

Fiscal Years 2019-2020 to 2024-2025

Capital Improvement Projects Summary

Summarized by Funded, Community Result Score and Department

Funded	Community Result Score	Department	Project Title	2019-2020 Expenditures	2020-2021 Expenditures	2021-2022 Expenditures	2022-2023 Expenditures	2023-2024 Expenditures	2024-2025 Expenditures	Project Total	Funding Source1	Funding Source2	Funding Source3	Funding Source4	New Project?	Meets Master Plan?	Detail Page
No	1	Parks	Linear Park Repairs - Existing Path	\$50,000	\$25,000	\$50,000	\$25,000	\$50,000		\$200,000	GF	SF	SGF		No	Yes	78
No	1	Parks	Linear Path Expansion along 28th Street			\$520,000				\$520,000	GF	SF			No	Yes	78
No	1	Parks	Linear Path Expansion, I-94 Corridor		\$300,000	\$300,000	\$100,000	\$300,000		\$1,000,000	GF	SF			No	Yes	79
No	1	Parks	Linear Trail Signage		\$25,000					\$25,000	GF				No	Yes	79
No	1	Parks	Metcalf Lake Development			\$100,000	\$300,000	\$50,000		\$450,000	GF	SF	PS		No	Yes	80
No	1	Parks	Park Amenities Improvements	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		\$250,000	GF				No	Yes	80
No	1	Parks	Playground Safety Improvements	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		\$250,000	GF				No	Yes	81
No	1	Parks	Soccer/Rugby Acquisition and Development			\$450,000		\$1,350,000		\$1,800,000	GF	SF	PS		No	Yes	81
No	1	Parks	Waterway Trail			\$700,000	\$300,000			\$1,000,000	GF	SF			No	Yes	82
No	1	Parks	Woodland Park & Nature Preserve- Planning/Improvements	\$100,000	\$100,000	\$890,000	\$815,000	\$75,000		\$1,980,000	GF	SF	PS		No	Yes	82
No	1	Recreation	Rec. Center Repairs/Renovations to Existing Infrastructure	\$40,000	\$460,000					\$500,000	FBE				No	Yes	83
No	1	Traffic Engineering	Capital Ave @ Beckley/194 Knapp Drive						\$350,000	\$350,000	CMAQ				No	Yes	83
No	1	Traffic Engineering	Central Business District Traffic Signal Interconnect				\$176,000			\$176,000	A51	DDA			No	Yes	84
No	1	Traffic Engineering	City Wide Pavement Marking	\$160,000	\$160,000	\$160,000	\$160,000	\$160,000	\$160,000	\$960,000	A51				No	Yes	84
No	1	Traffic Engineering	Emergency Vehicle Preemption & Transit System Priority				\$440,000	\$440,000	\$440,000	\$1,320,000	A51	FF			No	Yes	85
No	1	Traffic Engineering	New Traffic Signal, 28th @ Hupp					\$200,000		\$200,000	A51				No	Yes	85
No	1	Traffic Engineering	New Traffic Signal, Capital Ave. N.E. @ North Ave.					\$330,000		\$330,000	A51				No	Yes	86
No	1	Traffic Engineering	Non Motorized Maintenance	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000	A51				No	Yes	86
No	1	Traffic Engineering	Railroad Crossing Maintenance	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$210,000	A51				No	Yes	87
No	1	Traffic Engineering	Traffic Cameras and Weather Sensors		\$76,000					\$76,000	A51				No	Yes	87
No	1	Traffic Engineering	Traffic Sign Upgrade	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$240,000	A51				No	Yes	88
No	1	Traffic Engineering	Traffic Signal Modernization, 20th @ Territorial		\$300,000					\$300,000	A51				No	Yes	88
No	1	Traffic Engineering	Traffic Signal Modernization, Cliff at Marjorie			\$150,000				\$150,000	A51				No	Yes	89
No	1	Traffic Engineering	Traffic Signal Modernization, Upton @ Washington						\$270,000	\$270,000	A51				No	Yes	89
No	1	Transit	Rehab existing, and construct new, system-wide bus shelter stops	\$85,000						\$85,000	SF				Yes	Yes	90
No	1	Wastewater	Biological Treatment Rehabilitation	\$200,000						\$200,000	WWF	QEC	GO		No	Yes	90
No	1	Wastewater	Liquid Chlorine Disinfection						\$400,000	\$400,000	WWF				No	Yes	91
No	1	Water	Energy Improvements	\$1,000,000						\$1,000,000	WF				No	Yes	91

City of Battle Creek
Capital Improvement Projects Summary

Fiscal Years 2019-2020 to 2024-2025
Summarized by Funded, Community Result Score and Department

Funded	Community Result Score	Department	Project Title	2019-2020 Expenditures	2020-2021 Expenditures	2021-2022 Expenditures	2022-2023 Expenditures	2023-2024 Expenditures	2024-2025 Expenditures	Project Total	Funding Source1	Funding Source2	Funding Source3	Funding Source4	New Project?	Meets Master Plan?	Detail Page
No	1	Water	Nano Filtration Addition at the RIM Plant		\$20,000,000					\$20,000,000	WF	DWRF			Yes	Yes	92
No	2	Airport	Develop and implement an airport signage program	\$125,000						\$125,000	BCTIFA				No	Yes	92
No	2	Battle Creek DDA	Kalamazoo River Channel Redevelopment		\$625,000		\$500,000	\$950,000	\$1,750,000	\$3,825,000	DDA	SF	PS	FF	No	Yes	93
No	2	Battle Creek DDA	Recreation, Culture and Leisure Facilities	\$100,000	\$55,000	\$55,000	\$55,000	\$55,000	\$25,000	\$345,000	DDA	SF			No	Yes	93
No	2	Battle Creek DDA	West Michigan Ave. corridor Improvements				\$625,000	\$875,000		\$1,500,000	DDA	SF			No	Yes	94
No	2	BCTIFA	Fort Land/ Building Acquisition	\$1,000,000	\$1,500,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,500,000	BCTIFA				No	Yes	94
No	2	CBD	Spray Grounds		\$50,000	\$300,000	\$50,000			\$400,000	GF	PS			No	Yes	95
No	2	City Hall Maintenance	City Hall Chimney Brick Masonry Repairs and sealant replacement		\$37,000					\$37,000	GF				Yes	Yes	95
No	2	City Hall Maintenance	City Hall Limestone Repairs			\$50,000				\$50,000	GF				Yes	Yes	96
No	2	City Hall Maintenance	City Hall outside brick masonry upkeep and repair						\$205,000	\$205,000	GF				Yes	Yes	96
No	2	City Hall Maintenance	City Hall Outside façade cleaning and maintenance					\$76,000		\$76,000	GF				Yes	Yes	97
No	2	City Hall Maintenance	City Hall terra cotta exterior décor upkeep and repair						\$188,000	\$188,000	GF				Yes	Yes	97
No	2	Engineering	Public Restroom in the Downtown		\$100,000					\$100,000	DDA				Yes	Yes	98
No	2	Engineering	Salt Storage Facility		\$800,000					\$800,000	AS1				No	Yes	98
No	2	Engineering	Street Sweeping Debris Storage Building		\$350,000					\$350,000	AS1				No	Yes	99
No	2	Information Technology	Fiber Optic Network Expansion		\$32,500					\$32,500	WF				No	Yes	99
No	2	Kellogg Arena	Concession Equipment		\$25,000	\$20,000				\$45,000	GF				No	Yes	100
No	2	Kellogg Arena	Concrete Repairs		\$25,000					\$25,000	CIB				No	Yes	100
No	2	Kellogg Arena	Energy Conservation Project		\$700,000		\$300,000			\$1,000,000	CIB				No	Yes	101
No	2	Kellogg Arena	Video Board	\$380,000						\$380,000	GF				No	Yes	101
No	2	Parking	Hamblin - Expansion Joints		\$120,000					\$120,000	PF				No	Yes	102
No	2	Parking	Michigan - Concrete Patching		\$95,000					\$95,000	PF				No	Yes	102
No	2	Parking	Michigan - Surface		\$25,000					\$25,000	PF				No	Yes	103
No	2	Parking	Surface Lots - Surface Repairs			\$400,000	\$400,000		\$400,000	\$1,200,000	PF				No	Yes	103
No	2	Parks	Community Dog Park		\$300,000					\$300,000	GF	SF			No	Yes	104
No	2	Parks	Downtown Skateboard Park		\$400,000					\$400,000	SGF				No	Yes	104
No	2	Parks	Playground Safety Surfacing		\$25,000				\$25,000	\$50,000	GF				No	Yes	105
No	2	Parks	Stone Jug Road Park Development/ FAA Quiet Zone		\$50,000	\$75,000				\$125,000	GF	SF			No	Yes	105

City of Battle Creek
Capital Improvement Projects Summary

Fiscal Years 2019-2020 to 2024-2025
Summarized by Funded, Community Result Score and Department

Funded	Community Result Score	Department	Project Title	2019-2020 Expenditures	2020-2021 Expenditures	2021-2022 Expenditures	2022-2023 Expenditures	2023-2024 Expenditures	2024-2025 Expenditures	Project Total	Funding Source1	Funding Source2	Funding Source3	Funding Source4	New Project?	Meets Master Plan?	Detail Page
No	2	Recreation	Rec. Center Auditorium Rehab			\$900,000				\$900,000	FBE	PS			No	Yes	106
No	2	Recreation	Rec. Center New Splash Pad Water Features		\$450,000					\$450,000	FBE				No	Yes	106
No	2	Traffic Engineering	Citywide Traffic Calming	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000	A51				No	Yes	107
No	2	Traffic Engineering	New Signal or Roundabout, Capital @ Greentree and Lois					\$30,000	\$330,000	\$360,000	A51				No	Yes	107
No	2	Traffic Engineering	Traffic Camera Video Hosting	\$25,000						\$25,000	A51				No	Yes	108
No	2	Transit	Add security cameras and related hardware to central station			\$60,000				\$60,000	SF				Yes	Yes	108
No	2	Transit	AVL/CAD System Upgrade		\$75,000	\$25,000				\$100,000	FF	SF			No	Yes	109
No	2	Transit	Farebox System Upgrade			\$400,000				\$400,000	FF	SF			No	Yes	109
No	2	Transit	Overhead Bay Door Replacement	\$250,000						\$250,000	SF				Yes	Yes	110
No	3	Battle Creek DDA	Art, Sculptures and Monuments	\$50,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$175,000	DDA	SF			No	Yes	110
No	3	Battle Creek DDA	Dam Removal			\$1,850,000	\$1,850,000			\$3,700,000	DDA	SF			No	Yes	111
No	3	City Hall Maintenance	City Hall Lighting Improvements			\$170,000				\$170,000	GF				No	Yes	111
No	3	City Hall Maintenance	City Hall Perimeter Retaining Wall Removal and Replacement	\$241,000						\$241,000	GF				No	Yes	112
No	3	City Hall Maintenance	City Hall Roof				\$300,000			\$300,000	GF				No	Yes	112
No	3	City Hall Maintenance	City Hall Treasurer Office / Lobby Safety Improvements and Renovation	\$238,000						\$238,000	GF				No	Yes	113
No	3	Engineering	Brice Pit Reclamation Project		\$600,000					\$600,000	A51	WF	WWF		No	Yes	113
No	3	Engineering	Replacement "Building 6"		\$1,100,000					\$1,100,000	A51	GF			No	Yes	114
No	3	Information Technology	Back up Storage Target for PD video footage		\$30,000					\$30,000	ITF				Yes	Yes	114
No	3	Information Technology	Document Management System			\$50,000				\$50,000	ITF				No	Yes	115
No	3	Kellogg Arena	Arena Floor Resurfacing			\$100,000				\$100,000	GF				YES	Yes	115
No	3	Kellogg Arena	Chain motor replacement			\$25,000				\$25,000	GF				No	Yes	116
No	3	Kellogg Arena	LED Lighting Project	\$100,000						\$100,000	GF				Yes	Yes	116
No	3	Kellogg Arena	Sports Court	\$150,000						\$150,000	GF				YES	Yes	117
No	3	Parking	Engineering for Parking Fund Projects		\$44,000					\$44,000	PF				No	Yes	117
No	3	Parking	Hamblin - Lighting					\$200,000		\$200,000	PF				No	Yes	118
No	3	Parks	Bailey Park Parking Lot	\$40,000						\$40,000	GF				No	Yes	118
No	3	Parks	General Parks asphalt road and parking area repairs.	\$25,000		\$25,000				\$75,000	GF				No	Yes	119
No	3	Parks	Monument and Sculpture Renovation	\$60,000						\$60,000	DDA	GF	SF		No	Yes	119

City of Battle Creek

Fiscal Years 2019-2020 to 2024-2025

Capital Improvement Projects Summary

Summarized by Funded, Community Result Score and Department

Funded	Community Result Score	Department	Project Title	2019-2020 Expenditures	2020-2021 Expenditures	2021-2022 Expenditures	2022-2023 Expenditures	2023-2024 Expenditures	2024-2025 Expenditures	Project Total	Funding Source1	Funding Source2	Funding Source3	Funding Source4	New Project?	Meets Master Plan?	Detail Page
No	3	Police Department	BCPD Body Camera's	\$125,000						\$125,000	GF	Grant			Yes	Yes	120
No	3	Police Department	BCPD Communications Replacement Plan	\$244,000	\$244,000	\$244,000				\$732,000	GF				No	Yes	120
No	3	Police Department	BCPD Computer/Video Solution	\$157,500			\$157,500			\$315,000	GF				No	Yes	121
No	3	Police Department	BCPD Video/Data Storage Solution	\$33,334	\$33,334	\$33,334	\$33,334	\$33,334	\$33,334	\$200,004	GF				No	Yes	121
No	3	Recreation	Binder Park G.C. - Cart Path Improvements	\$100,000	\$100,000	\$100,000				\$300,000	GC				No	Yes	122
No	3	Recreation	Binder Park G.C. - Grounds Equipment	\$95,000	\$20,000	\$57,000	\$40,000	\$20,000		\$232,000	GC				No	Yes	122
No	3	Recreation	Rec. Center Water Park - Concessions Upgrade and Expansion		\$125,000					\$125,000	FBE				No	Yes	123
No	3	Transit	Construct new addition to our Administrative Building					\$150,000		\$150,000	SF				Yes	Yes	123
No	3	Transit	Furnaces replacement in our Maintenance Building	\$35,000						\$35,000	SF				Yes	Yes	124
No	3	Transit	Parking lot replacement for complex housing Administrative Building, Maintenance		\$250,000					\$250,000	SF				Yes	Yes	124
No	3	Transit	Reapply epoxy flooring for Maintenance Building and Vehicle Parking Garage					\$235,000		\$235,000	SF				Yes	Yes	125
No	3	Transit	Replacement of exterior security lights with LED units on our Administrative Building.				\$12,000			\$12,000	SF				Yes	Yes	125
No	3	Transit	Replacement of our existing roof on our Vehicle Parking Garage				\$55,000			\$55,000	SF				Yes	Yes	126
No	3	Transit	Siding, Trim, and Fiberglass foundation replacement on our Administrative Building,			\$55,000				\$55,000	SF				Yes	Yes	126
No	3	Transit	Windows, including casing and trim, replacement in Administrative Building			\$90,000				\$90,000	SF				Yes	Yes	127
No	4	City Hall Maintenance	City Hall Carpet Replacement		\$260,000					\$260,000	GF				No	Yes	127
No	4	City Hall Maintenance	City Hall Commission Chambers and Hallway Painting	\$100,000						\$100,000	GF				No	Yes	128
No	4	Fire Department	Calhoun County Regional Training Center			\$3,000,000				\$3,000,000	CIB				Yes	Yes	128

	2019-2020 Expenditures	2020-2021 Expenditures	2021-2022 Expenditures	2022-2023 Expenditures	2023-2024 Expenditures	2024-2025 Expenditures	Project Total
Funded Totals	\$20,715,681	\$24,779,814	\$26,956,198	\$23,973,962	\$21,152,301	\$21,920,270	\$139,498,226
Not Funded Totals	\$15,354,054	\$38,121,034	\$23,277,134	\$22,006,000	\$20,632,170	\$8,926,334	\$128,316,726
Grand Totals	\$36,069,735	\$62,900,848	\$50,233,332	\$45,979,962	\$41,784,471	\$30,846,604	\$267,814,952

Capital Improvement Projects Summary

Summarized by Funded, Community Result Score and Department

Funded	Community Result Score	Department	Project Title	2019-2020 Expenditures	2020-2021 Expenditures	2021-2022 Expenditures	2022-2023 Expenditures	2023-2024 Expenditures	2024-2025 Expenditures	Project Total	Funding Source1	Funding Source2	Funding Source3	Funding Source4	New Project?	Meets Master Plan?	Detail Page
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**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

BCTIFA

Project Title Airport Development **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: New infrastructure; wetland remediation; Hangar construction; Apron Construction; Bridge to airport land

Project Justification: To grow the airport tenant list which will generate additional revenue for the airport there will need to be additional airport infrastructure built. Its typical for public entities and municipalities to erect hangar space. We have a lack of this space readily available.

Financing Sources Paying Fund: BCTIFA

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
BCTIFA	\$1,200,000	\$1,500,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,700,000
AF	\$150,000	\$100,000	\$150,000	\$100,000	\$150,000	\$100,000	\$750,000
SF	\$250,000	\$250,000	\$500,000	\$250,000	\$150,000	\$150,000	\$1,550,000
FF	\$200,000	\$150,000	\$100,000	\$200,000	\$100,000	\$100,000	\$850,000
Total	\$1,800,000	\$2,000,000	\$2,750,000	\$2,550,000	\$2,400,000	\$2,350,000	\$13,850,000

BCTIFA

Project Title Airport Maintenance **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Hangar improvements; Runway improvements; Apron improvements; Taxiway improvements

Project Justification: Needed to maintain what we have and to continue to attract new.

Financing Sources Paying Fund: BCTIFA

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
BCTIFA	\$250,000	\$250,000	\$500,000	\$250,000	\$500,000	\$250,000	\$2,000,000
AF	\$200,000	\$200,000	\$225,000	\$250,000	\$275,000	\$275,000	\$1,425,000
SF	\$100,000	\$100,000	\$300,000	\$200,000	\$100,000	\$100,000	\$900,000
FF	\$200,000	\$150,000	\$100,000	\$200,000	\$100,000	\$100,000	\$850,000
Total	\$750,000	\$700,000	\$1,125,000	\$900,000	\$975,000	\$725,000	\$5,175,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

BCTIFA

Project Title Airport Retention Support **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Support for capital site improvement projects for companies at the airport

Project Justification: Retention of our current employers is key. In some instances there are site factors that may impede further expansion

Financing Sources Paying Fund: BCTIFA

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
BCTIFA	\$500,000	\$1,000,000	\$1,000,000	\$500,000	\$500,000	\$500,000	\$4,000,000
AF	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
							\$0
							\$0
Total	\$600,000	\$1,100,000	\$1,100,000	\$600,000	\$600,000	\$600,000	\$4,600,000

BCTIFA

Project Title Fort Business Retention Support **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Support for capital site improvement projects for existing companies in the FCIP

Project Justification: Retention of our current employers is key. In some instances there are site factors that may impede further expansion.

Financing Sources Paying Fund: BCTIFA

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
BCTIFA	\$500,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$4,250,000
							\$0
							\$0
							\$0
Total	\$500,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$4,250,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

BCTIFA

Project Title Fort Maintenance **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Road maintenance, resurfacing/paving, beautification, traffic flow improvements; storm water retention

Project Justification: Routine upkeep of the park and roads.

Financing Sources Paying Fund: BCTIFA

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
BCTIFA	\$900,000	\$1,000,000	\$750,000	\$1,000,000	\$750,000	\$1,000,000	\$5,400,000
							\$0
							\$0
							\$0
Total	\$900,000	\$1,000,000	\$750,000	\$1,000,000	\$750,000	\$1,000,000	\$5,400,000

BCTIFA BRA

Project Title Fort Development **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Non-traditional and traditional transportation improvements; contamination remediation; building construction; infrastructure; property access improvements; wetland remediation

Project Justification: There is a need for walkable routes in the Ft. It is dangerous to walk in many areas of the Ft. due to traffic. Traffic mitigation is needed as employment numbers continue to grow. We have a need for speculative space/incubation/warehouse space. Creating a business friendly environment.

Financing Sources Paying Fund: BCTIFA BRA

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
BCTIFA	\$500,000	\$1,500,000	\$1,500,000	\$1,000,000	\$1,000,000	\$750,000	\$6,250,000
BRA	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$900,000
							\$0
							\$0
Total	\$650,000	\$1,650,000	\$1,650,000	\$1,150,000	\$1,150,000	\$900,000	\$7,150,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Engineering

Project Title ACT 51 financial match on Projects within the City of Battle Creek on State Trunklines **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Dickman Road Rehabilitation from Helmer Rd to M-66

Project Justification: City of Battle Creek is mandated to participate per State Statute

Financing Sources **Paying Fund:** Major & Local Street Capital Projects Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
MLSCPF		\$70,000					\$70,000
							\$0
							\$0
							\$0
Total	\$0	\$70,000	\$0	\$0	\$0	\$0	\$70,000

Engineering

Project Title Battle Creek - Surface Treatment Program **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Capital preventative maintenance (chip seal, crack fill, micro surface) and HMA rehabilitation on federal aid eligible roads as per the asset management plan and Battle Creek Area Surface Transportation Improvement Plan. Projects are funded 80% federal funds and 20% local funds.

Project Justification: The roadway will require this treatment at this point in the pavement life.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
MLSCPF	\$154,000	\$140,000	\$115,000	\$140,000	\$140,000	\$140,000	\$829,000
FF	\$616,000	\$555,000	\$460,000	\$555,000	\$555,000	\$555,000	\$3,296,000
							\$0
							\$0
Total	\$770,000	\$695,000	\$575,000	\$695,000	\$695,000	\$695,000	\$4,125,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Engineering

Project Title Bridge Maintenance Program **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: This program is for routine maintenance of our bridges.

Project Justification: This will prevent more costly treatments in the future.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects
Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
MLSCPF	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
							\$0
							\$0
							\$0
Total	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000

Engineering

Project Title Bridge Preventative Maintenance - Emmett, Hamblin, Elm **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Preventative Maintenance on the Hamblin Avenue Bridge over the Kalamazoo River, Michigan Avenue Bridge over the Battle Creek river and Emmett Street Bridge over CN RR.

Project Justification: This treatment is required to prevent more costly treatments in the future for these existing bridges.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects
Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
MLSCPF			\$615,000				\$615,000
			\$35,000				\$35,000
							\$0
							\$0
Total	\$0	\$0	\$650,000	\$0	\$0	\$0	\$650,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Engineering

Project Title Capital Preventative Maintenance Micro Surfacing & Chip Seal & Crack Fill Contract **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: This treatment seals asphalt roads. This program will chip seal, micro seal, crack fill and fog seal based on the condition of the roads treated as per the Asset Management Plan

Project Justification: This will prevent more costly treatments in the future.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
MLSCPF	\$1,537,000	\$1,600,000	\$1,400,000	\$1,550,000	\$1,400,000	\$1,400,000	\$8,887,000
							\$0
							\$0
							\$0
Total	\$1,537,000	\$1,600,000	\$1,400,000	\$1,550,000	\$1,400,000	\$1,400,000	\$8,887,000

Engineering

Project Title Hill Brady Multiuse Path **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Installation of a Multiuse path along Hill Brady Road from Dickman Rd to Skyline Drive as per the Non-motorized Master Plan

Project Justification: As per the non-motorized master plan

Financing Sources **Paying Fund:** Major & Local Street Capital Projects Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
FF	\$140,000						\$140,000
BCTIFA	\$560,000						\$560,000
							\$0
							\$0
Total	\$700,000	\$0	\$0	\$0	\$0	\$0	\$700,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Engineering

Project Title Intersection Modernization of Capital and Michigan Ave **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: This is the installation of a new traffic signal at Capital Ave. and Michigan Ave. with Federal funds of 100%. The signal is past the useful life and in need of new equipment

Project Justification: The signal is past the useful life and in need of new equipment.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
FF	\$325,000						\$325,000
							\$0
							\$0
							\$0
Total	\$325,000	\$0	\$0	\$0	\$0	\$0	\$325,000

Engineering

Project Title Resurfacing Program **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: This program consists of the rehabilitation of roads City wide. This program is a maintenance program designed to preserve the useful life of existing roads as per the asset management plan

Project Justification: This treatment is required to prevent more costly treatments in the future for these existing streets.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
MLSCPF	\$410,000	\$365,000	\$900,000	\$700,000	\$700,000	\$575,000	\$3,650,000
BCTIFA			\$680,000				\$680,000
							\$0
							\$0
Total	\$410,000	\$365,000	\$1,580,000	\$700,000	\$700,000	\$575,000	\$4,330,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Traffic Engineering

Project Title Traffic Signal Modernization, Capital @ Michigan **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Traffic Signal Modernization, Capital Ave. @ Michigan Ave. New traffic signal controller, new traffic signal faces, new pedestrian signal faces, replacement of mast arm structures.

Project Justification: This is one of the oldest signals in the City. Mast arms have a limited life as they are susceptible to metal fatigue. This signal's equipment is among the oldest in the city.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects
Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
CMAQ	\$325,000						\$325,000
A51	\$30,000						\$30,000
							\$0
							\$0
Total	\$355,000	\$0	\$0	\$0	\$0	\$0	\$355,000

Traffic Engineering

Project Title Traffic Signal Modernization, Capital @ Van Buren **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Traffic Signal Modernization, Capital Ave. N.E. @ Van Buren St. New traffic signal controller, new traffic signal faces, new pedestrian signal faces, replacement of mast arm structures.

Project Justification: This is one of the oldest signals in the City. Mast arms have a limited life as they are susceptible to metal fatigue. This signal's equipment is among the oldest in the city, and should be upgraded to reflect changing traffic demands.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects
Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
CMAQ			\$325,000				\$325,000
A51			\$30,000				\$30,000
							\$0
							\$0
Total	\$0	\$0	\$355,000	\$0	\$0	\$0	\$355,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Traffic Engineering

Project Title Traffic Signal Modernization, Main @ Cliff **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Traffic Signal Modernization, Main St. @ Cliff St. New traffic signal controller, new traffic signal faces, new pedestrian signal faces, and poles.

Project Justification: This is one of the oldest signals in the City. The existing hardware has been frequently struck by turning vehicles and a new arrangement of signal hardware is needed.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects
Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
CMAQ		\$200,000					\$200,000
A51		\$20,000					\$20,000
							\$0
							\$0
Total	\$0	\$220,000	\$0	\$0	\$0	\$0	\$220,000

Traffic Engineering

Project Title Traffic Signal Modernization, McCamly @ Van Buren **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Traffic Signal Modernization, McCamly St @ Van Buren St. New traffic signal controller, new traffic signal faces, new pedestrian signal faces, replacement of mast arm structures.

Project Justification: This is one of the oldest signals in the City. Mast arms have a limited life as they are susceptible to metal fatigue. This signal's equipment is among the oldest in the city.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects
Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
CMAQ				\$325,000			\$325,000
A51				\$30,000			\$30,000
							\$0
							\$0
Total	\$0	\$0	\$0	\$355,000	\$0	\$0	\$355,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Wastewater

Project Title Interceptor Rehabilitation Project **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Rehabilitate the interceptor sewer between the four industrial contract industries and the WWTP.

Project Justification: The interceptor provides service to the City's four major industries in the central business district. All of the sewer is at least 50 years old and is deteriorated. The sewer network beyond the interceptor is also in various stages of aging and needs to be rehabilitated or replaced.

Financing Sources Paying Fund: Sewer Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WWF	\$923,000	\$923,000	\$0	\$0	\$0	\$0	\$1,846,000
CJ	\$377,000	\$377,000					\$754,000
							\$0
							\$0
Total	\$1,300,000	\$1,300,000	\$0	\$0	\$0	\$0	\$2,600,000

Wastewater

Project Title Sewer Replacement - Street Program **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replacement of sewer mains, force mains, or service pipes per DEQ approved management plan.

Project Justification: This work is in conjunction with planned street work and the treatment plan developed through the DEQ SAW Grant and system televising.

Financing Sources Paying Fund: Sewer Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WWF	\$248,000	\$256,000	\$330,000	\$480,000	\$2,185,000	\$2,385,000	\$5,884,000
							\$0
							\$0
							\$0
Total	\$248,000	\$256,000	\$330,000	\$480,000	\$2,185,000	\$2,385,000	\$5,884,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Wastewater

Project Title Solids Handling Improvements **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Maintain and improve solids handling for both Land Application from April thru November and Landfilling off season. This program also includes Headwork's, Primary Treatment and other Plant Facility improvements.

Project Justification: Solid waste land application remains the preferred handling process by regulators and the city will continue with this program, but for the winter months solid waste will be hauled to a landfill. This fund will maintain and improve the facilities involved with solid waste handling including Headwork's, Primary Treatment, Domes, Solids and other facilities. The city will continue to explore new technologies to create energy from the waste in an effort to reduce landfilling and to create renewable energy with this fund.

Financing Sources Paying Fund: Sewer Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WWF	\$1,182,000	\$388,000	\$812,000	\$1,956,500	\$565,000	\$115,000	\$5,018,500
							\$0
							\$0
							\$0
Total	\$1,182,000	\$388,000	\$812,000	\$1,956,500	\$565,000	\$115,000	\$5,018,500

Water

Project Title Pump Replacement **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replacement of high service and booster pumps used to deliver water.

Project Justification: Pumps wear out and need to be replaced after approximately 20 years.

Financing Sources Paying Fund: Water Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WF	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
							\$0
							\$0
							\$0
Total	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Water

Project Title Valve and Hydrant Replacement **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replace the broken and inoperable valves and Hydrants on distribution and transmission lines.

Project Justification: Old and inoperable valves cause problems when we have to shut down a section of our distribution system for repairs. Hydrants need to be functional at all times.

Financing Sources Paying Fund: Water fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WF	\$152,000	\$152,000	\$152,000	\$152,000	\$152,000	\$152,000	\$912,000
							\$0
							\$0
							\$0
Total	\$152,000	\$152,000	\$152,000	\$152,000	\$152,000	\$152,000	\$912,000

Water

Project Title Water Main & Trans. Line Replacement - Street Program **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replacement of Transmission mains, water mains, hydrants, valves or services in streets that are being rebuilt.

Project Justification: This work takes advantage of street being torn up to upgrade our distribution system at the lowest possible cost.

Financing Sources Paying Fund: Water Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WF	\$2,210,000	\$861,250	\$3,782,500	\$1,806,000	\$1,809,250	\$2,711,250	\$13,180,250
							\$0
							\$0
							\$0
Total	\$2,210,000	\$861,250	\$3,782,500	\$1,806,000	\$1,809,250	\$2,711,250	\$13,180,250

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Water

Project Title Water Service Replacement and Restoration **Proposed to be funded?:** Yes

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Water service replacement.

Project Justification: Replacing Pb, galvanized and other poor conditioned service connecting pipe

Financing Sources **Paying Fund:** Water Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WF	\$300,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,300,000
							\$0
							\$0
							\$0
Total	\$300,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,300,000

BCTIFA

Project Title Infrastructure Development **Proposed to be funded?:** Yes

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Non-traditional next generation infrastructure (lot, utility projects, solar, etc.)

Project Justification: To stay competitive there is a need to invest in non-traditional next generation investment. This will help retain current employers and attract additional employers. Employers utilizing next generation infrastructure tend to pay higher wages.

Financing Sources **Paying Fund:** BCTIFA

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
BCTIFA	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,500,000
SF	\$250,000	\$150,000	\$300,000	\$200,000			\$900,000
							\$0
							\$0
Total	\$750,000	\$1,150,000	\$1,300,000	\$1,200,000	\$1,000,000	\$1,000,000	\$6,400,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

BCTIFA BRA

Project Title Shovel Ready Site Preparation **Proposed to be funded?:** Yes

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Evaluating additional available land and prepare it for future use by balancing it; conducting environmental reports; conducting geotechnical reports; configuring land to maximize its use; installing retention ponds and necessary infrastructure

Project Justification: In order to compete globally we need to move at the speed of business. Having an inventory of various sized lots is critical to marketing Battle Creek as place to locate a new business. Prepared sites will also benefit existing companies expand in Battle Creek instead of other places.

Financing Sources Paying Fund: BCTIFA BRA

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
BCTIFA	\$35,000	\$4,000,000	\$3,000,000	\$3,000,000	\$2,000,000	\$2,000,000	\$14,035,000
BRA	\$100,000	\$125,000	\$150,000	\$150,000	\$150,000	\$150,000	\$825,000
							\$0
							\$0
Total	\$135,000	\$4,125,000	\$3,150,000	\$3,150,000	\$2,150,000	\$2,150,000	\$14,860,000

Transit

Project Title Large Bus Replacement **Proposed to be funded?:** Yes

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replacement of one large bus used to provide regular route bus service by Battle Creek Transit.

Project Justification: The bus to be replaced will have exceeded its service life at the time of replacement. Transit has a mix of medium duty and heavy duty buses with some being low floor for better access and some not. Our goal for replacement was to have the majority of the fleet medium duty low floor buses, but we cannot find a suitable medium duty low floor bus to meet our operational needs. We are trying to secure Federal and State funding to purchase one (1) HEAVY duty low floor bus.

Financing Sources Paying Fund: State Funds

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
SF		\$400,000					\$400,000
							\$0
							\$0
							\$0
Total	\$0	\$400,000	\$0	\$0	\$0	\$0	\$400,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Transit

Project Title Van Replacement **Proposed to be funded?:** Yes

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replacement of (1) Battle Creek Transit's Tele-Transit van used in demand response service. The new vehicle will be propane fueled.

Project Justification: Because we provide regular bus service it is Federally mandated that we provide complimentary para-transit service which is what this vehicle would be used for. The vehicle to be replaced will have exceeded it's required service life at the time of replacement.

Financing Sources **Paying Fund:** Battle Creek Transit Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
CMAQ		\$64,000					\$64,000
SF		\$16,000					\$16,000
							\$0
							\$0
Total	\$0	\$80,000	\$0	\$0	\$0	\$0	\$80,000

Wastewater

Project Title Lift Station Replacement **Proposed to be funded?:** Yes

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Sewer lift stations improvements or replacement.

Project Justification: Several lift stations have metal wet wells that have corroded and the other components have exceeded their life expectancies. They also need electrical updates and generators for electrical outages.

Financing Sources **Paying Fund:** Sewer Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WWF	\$67,500	\$832,500	\$765,000	\$865,000	\$658,000	\$541,000	\$3,729,000
							\$0
							\$0
							\$0
Total	\$67,500	\$832,500	\$765,000	\$865,000	\$658,000	\$541,000	\$3,729,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Wastewater

Project Title Meter Replacement - Wastewater **Proposed to be funded?:** Yes

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Incremental replacement of water meter read system components. Also meters for new customers.

Project Justification: Meters read system components gradually wear out. This is costing both the water and sewer funds revenue.

Financing Sources Paying Fund: Sewer Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WWF	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
							\$0
							\$0
							\$0
Total	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000

Water

Project Title Meter Replacement - Water **Proposed to be funded?:** Yes

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Incremental replacement of water meter read system components. Also meters for new customers.

Project Justification: Meters read system components gradually wear out. This is costing both the water and sewer funds revenue.

Financing Sources Paying Fund: Water Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WF	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
							\$0
							\$0
							\$0
Total	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Water

Project Title Water Tank Rehab **Proposed to be funded?:** Yes

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Repaint the interior and exterior of our various water storage tanks.

Project Justification: Maintenance of our storage tanks is necessary approximately every 15 years to prolong their life.

Financing Sources **Paying Fund:** Water Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WF	\$290,000	\$415,000	\$350,500	\$844,500	\$82,000	\$198,000	\$2,180,000
							\$0
							\$0
							\$0
Total	\$290,000	\$415,000	\$350,500	\$844,500	\$82,000	\$198,000	\$2,180,000

Water

Project Title Well Maintenance **Proposed to be funded?:** Yes

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Maintenance and repair of the wells and pumping equipment.

Project Justification: The wells and pumps used to provide the water for the system need various kinds of maintenance every 3 to 10 years.

Financing Sources **Paying Fund:** Water Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WF	\$510,000	\$250,000	\$150,000	\$150,000	\$150,000	\$150,000	\$1,360,000
							\$0
							\$0
							\$0
Total	\$510,000	\$250,000	\$150,000	\$150,000	\$150,000	\$150,000	\$1,360,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Equipment Center

Project Title Cars **Proposed to be funded?:** Yes

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replace depreciated vehicles or new vehicles to assist user departments with their work tasks.

Project Justification: Maintain a safe efficient fleet.

Financing Sources **Paying Fund:** Equipment Center Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ECF	\$384,283	\$71,298	\$156,608	\$266,470	\$330,688	\$126,918	\$1,336,265
							\$0
							\$0
							\$0
Total	\$384,283	\$71,298	\$156,608	\$266,470	\$330,688	\$126,918	\$1,336,265

Equipment Center

Project Title Compact Vans **Proposed to be funded?:** Yes

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replace depreciated vehicles or new vehicles to assist user departments with their work tasks.

Project Justification: Maintain a safe efficient fleet.

Financing Sources **Paying Fund:** Equipment Center Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ECF	\$25,386	\$0	\$0	\$0	\$57,332	\$85,012	\$167,730
							\$0
							\$0
							\$0
Total	\$25,386	\$0	\$0	\$0	\$57,332	\$85,012	\$167,730

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Equipment Center

Project Title Full Size Vans **Proposed to be funded?:** Yes

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replace depreciated vehicles or new vehicles to assist user departments with their work tasks.

Project Justification: Maintain a safe efficient fleet.

Financing Sources **Paying Fund:** Equipment Center Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ECF	\$0	\$0	\$64,960	\$0	\$0	\$68,588	\$133,548
							\$0
							\$0
							\$0
Total	\$0	\$0	\$64,960	\$0	\$0	\$68,588	\$133,548

Equipment Center

Project Title Heavy Duty Trucks **Proposed to be funded?:** Yes

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replace depreciated vehicles or new vehicles to assist user departments with their work tasks.

Project Justification: Maintain a safe efficient fleet.

Financing Sources **Paying Fund:** Equipment Center Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ECF	\$1,188,480	\$1,255,610	\$815,000	\$919,600	\$792,450	\$485,100	\$5,456,240
							\$0
							\$0
							\$0
Total	\$1,188,480	\$1,255,610	\$815,000	\$919,600	\$792,450	\$485,100	\$5,456,240

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Equipment Center

Project Title Heavy Equipment **Proposed to be funded?:** Yes

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replace depreciated vehicles or new vehicles to assist user departments with their work tasks.

Project Justification: Maintain a safe efficient fleet.

Financing Sources **Paying Fund:** Equipment Center Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ECF	\$862,369	\$854,668	\$253,850	\$134,959	\$105,135	\$846,379	\$3,057,360
							\$0
							\$0
							\$0
Total	\$862,369	\$854,668	\$253,850	\$134,959	\$105,135	\$846,379	\$3,057,360

Equipment Center

Project Title Light Duty Trucks **Proposed to be funded?:** Yes

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replace depreciated vehicles or new vehicles to assist user departments with their work tasks.

Project Justification: Maintain a safe efficient fleet.

Financing Sources **Paying Fund:** Equipment Center Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ECF	\$235,966	\$324,018	\$477,145	\$243,970	\$219,345	\$251,577	\$1,752,021
							\$0
							\$0
							\$0
Total	\$235,966	\$324,018	\$477,145	\$243,970	\$219,345	\$251,577	\$1,752,021

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Equipment Center

Project Title Light Equipment **Proposed to be funded?:** Yes

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replace depreciated vehicles or new vehicles to assist user departments with their work tasks.

Project Justification: Maintain a safe efficient fleet.

Financing Sources **Paying Fund:** Equipment Center Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ECF	\$274,513	\$194,566	\$106,477	\$221,284	\$38,833	\$196,791	\$1,032,464
							\$0
							\$0
							\$0
Total	\$274,513	\$194,566	\$106,477	\$221,284	\$38,833	\$196,791	\$1,032,464

Equipment Center

Project Title Medium Duty Trucks **Proposed to be funded?:** Yes

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replace depreciated vehicles or new vehicles to assist user departments with their work tasks.

Project Justification: Maintain a safe efficient fleet.

Financing Sources **Paying Fund:** Equipment Center Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ECF	\$476,344	\$200,650	\$247,185	\$76,704	\$263,001	\$184,676	\$1,448,560
							\$0
							\$0
							\$0
Total	\$476,344	\$200,650	\$247,185	\$76,704	\$263,001	\$184,676	\$1,448,560

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Equipment Center

Project Title Parking Lot Restoration **Proposed to be funded?:** Yes

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Restore DPW parking in three sections over three Years

Project Justification: Restore existing deteriorated parking lots.

Financing Sources **Paying Fund:** Equipment Center Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ECF	\$104,000	\$114,950					\$218,950
							\$0
							\$0
							\$0
Total	\$104,000	\$114,950	\$0	\$0	\$0	\$0	\$218,950

Equipment Center

Project Title SUVs **Proposed to be funded?:** Yes

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replace depreciated vehicles or new vehicles to assist user departments with their work tasks.

Project Justification: Maintain a safe efficient fleet.

Financing Sources **Paying Fund:** Equipment Center Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ECF	\$126,815	\$449,660	\$367,981	\$301,975	\$134,700	\$422,979	\$1,804,110
							\$0
							\$0
							\$0
Total	\$126,815	\$449,660	\$367,981	\$301,975	\$134,700	\$422,979	\$1,804,110

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Equipment Center

Project Title Trailers/Pulled Equipment **Proposed to be funded?:** Yes

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replace depreciated vehicles or new vehicles to assist user departments with their work tasks.

Project Justification: Maintain a safe efficient fleet.

Financing Sources **Paying Fund:** Equipment Center Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ECF	\$116,025	\$99,644	\$4,992	\$0	\$56,567	\$0	\$277,228
							\$0
							\$0
							\$0
Total	\$116,025	\$99,644	\$4,992	\$0	\$56,567	\$0	\$277,228

Information Technology

Project Title PC Replacement **Proposed to be funded?:** Yes

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: This project strategically replaces out of warranty PCs.

Project Justification: Strategic replacement standardizes the equipment that the City of Battle Creek utilizes. This allows for streamlined maintenance internally and externally. This also will help to keep costs lower as we can purchase the PCs using economy of scale. The total cost of ownership is lower as we are not spending additional time and effort maintaining custom order computers.

Financing Sources **Paying Fund:** Information Technology Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ITF	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$480,000
							\$0
							\$0
							\$0
Total	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$480,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Police Department

Project Title BCPD Bomb Squad Equipment **Proposed to be funded?:** Yes

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Bomb Squad materials are needed for Emergency Services

Project Justification: Provides needed support and equipment necessary to provide operational support in emergency situations.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$25,000		\$25,000		\$25,000		\$75,000
							\$0
							\$0
							\$0
Total	\$25,000	\$0	\$25,000	\$0	\$25,000	\$0	\$75,000

Wastewater

Project Title As Built Mapping of Sewer System **Proposed to be funded?:** Yes

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Conversion of all our record drawings in Engineering to a CAD system and keep up with current project as-built. Correct GIS and other records as needed.

Project Justification: Needed to replace the current multiple sources of record drawings with a computer set of as built drawings available for locating system components and engineering future expansion projects.

Financing Sources **Paying Fund:** Sewer Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WWF	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000
							\$0
							\$0
							\$0
Total	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Water

Project Title As Built Mapping of Water System **Proposed to be funded?:** Yes

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Conversion of all our record drawings in Engineering to a CADD system.

Project Justification: Needed to replace the current jumble of record drawings with a computer set of as built drawings available for locating system components and engineering future expansion projects.

Financing Sources Paying Fund: Water Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WF	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
							\$0
							\$0
							\$0
Total	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000

Equipment Center

Project Title HVAC Controls Upgrade **Proposed to be funded?:** Yes

Community Result Score 4 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Upgrade controls to use current serviceable components

Project Justification: Current controls are obsolete and non serviceable

Financing Sources Paying Fund: Equipment Center Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ECF	\$0	\$0	\$105,000	\$0	\$0	\$0	\$105,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$105,000	\$0	\$0	\$0	\$105,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Equipment Center

Project Title Roof and Interior Maintenance **Proposed to be funded?:** Yes

Community Result Score 4 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Protect and extend life of roof and maintain a good work environment

Project Justification: Best Practices

Financing Sources **Paying Fund:** Equipment Center Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ECF	\$0	\$0	\$0	\$100,000	\$103,000	\$0	\$203,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$100,000	\$103,000	\$0	\$203,000

	<u>2019-2020</u>	<u>2020-2021</u>	<u>2021-2022</u>	<u>2022-2023</u>	<u>2023-2024</u>	<u>2024-2025</u>	<u>Total</u>
Subtotals	\$20,715,681	\$24,779,814	\$26,956,198	\$23,973,962	\$21,152,301	\$21,920,270	\$139,498,226

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Airport

Project Title Construction for Reconstruction of East T-Hangar Area **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: This project will include the reconstruction of the pavement used to access and maneuver around the East T-Hangar Area.

Project Justification: While not included in the airport's PCI report, this area is in poor condition. It exhibits several load and weather related distresses such as rutting, fatigue cracking, block cracking, raveling, heaving, patching, and weathering. Its is anticipated that this pavement will service only aircraft 12,500lbs and less.

Financing Sources **Paying Fund:** W.K. Kellogg Airport Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
FF					\$807,422		\$807,422
SF					\$44,857		\$44,857
BCTIFA					\$44,857		\$44,857
							\$0
Total	\$0	\$0	\$0	\$0	\$897,136	\$0	\$897,136

Airport

Project Title Construction for Reconstruction of Taxiway F **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: This project will include the reconstruction and realignment of Taxiway F from Runway 5L to the Air National Guard (ANG) South Apron.

Project Justification: It is expected the apron will be owned by the airport at the time of this project. Due to the primary runway being 10,004 feet long and the presence of the Air National Guard Base as well as other significant industry around the airport, the airport occasionally draws larger (TDG 5) aircraft. Most of the taxiways at the airport are 50' wide and there is currently only one way for TDG 5 aircraft to get off the primary runway (TWY A). Taxiway F will be used to access the South Apron to park these occasional larger aircraft. These pavements were identified in the last pavement condition index survey (2014) as being some of the poorest on the airfield. At that time Taxiway F was rated a 30, which is well below minimum service condition. This project also includes the replacement of the edge lighting along Taxiway F.

Financing Sources **Paying Fund:** W.K. Kellogg Airport Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
FF					\$3,261,360		\$3,261,360
SF					\$181,190		\$181,190
BCTIFA					\$1,318,150		\$1,318,150
							\$0
Total	\$0	\$0	\$0	\$0	\$4,760,700	\$0	\$4,760,700

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Airport

Project Title Construction for Rehab Twy C Phase III & Twy E Conn **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: This phase of the project will include the rehabilitation of the pavement and edge lights on Taxiway C (from RWY 13/31 to TWY A) and Taxiway E (from RWY 5L/23R to TWY C).

Project Justification: These pavements were identified in the last pavement condition index survey (2014) as being one of the poorest on the airfield. At that time Taxiway C, from RWY 13/31 to TWY A, was rated a 45, which is well below minimum service condition. These taxiways are also very critical to the airport, as most traffic must transit these taxiways to get to Duncan Aviation (FBO), WMU College of Aviation, or Kellogg's Hangar. Due to the primary runway being 10,004 feet long and the presence of the Air National Guard Base, the airport occasionally draws larger group IV aircraft. Most of the taxiways at the airport are 50' wide and there is currently only one way for group IV aircraft to get off the primary runway (TWY A). This project also includes widening portions of Taxiway C (North of TWY E to TWY A ~1,650') and Taxiway E (from RWY 5L/23R to TWY C) to accommodate a loop ground movement for group IV aircraft. The widening will give Group IV aircraft two access points to/from the runway that meet current design standards, as well as reduce the need to back taxi on the primary runway, thus reducing potential incursions (inspection/safety/certification item). This project also includes the replacement of the edge lighting along Taxiway C and Taxiway E in areas that are scheduled for widening, as the edge lighting has reached the end of its useful life.

Financing Sources Paying Fund: W.K. Kellogg Airport Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
FF	\$2,416,945						\$2,416,945
SF	\$134,275						\$134,275
BCTIFA	\$694,000						\$694,000
							\$0
Total	\$3,245,220	\$0	\$0	\$0	\$0	\$0	\$3,245,220

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Airport

Project Title Construction for Rehabilitate Taxiway A **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: This project will rehabilitate the pavement and edge lights on taxiway A.

Project Justification: The pavement along Taxiway A had a PCI of 48 during the last pavement condition survey (2014). It is expected that by 2019, it will be well below the acceptable minimum service level. The current taxiway lighting has been tested and has very low resistance to ground, which causes sporadic outages. As part of this process, a new medium intensity taxiway light (MITL) system will be installed.

Financing Sources **Paying Fund:** W.K. Kellogg Airport Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
FF			\$3,629,720				\$3,629,720
SF			\$201,540				\$201,540
BCTIFA			\$201,540				\$201,540
							\$0
Total	\$0	\$0	\$4,032,800	\$0	\$0	\$0	\$4,032,800

Airport

Project Title Design for Reconstruction of East T-Hangar Area **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: This project will include the design work for the reconstruction of the pavement used to access and maneuver around the East T-Hangar Area.

Project Justification: While not included in the airport's PCI report, this area is in poor condition. It exhibits several load and weather related distresses such as rutting, fatigue cracking, block cracking, raveling, heaving, patching, and weathering. Its is anticipated that this pavement will service only aircraft 12,500lbs and less.

Financing Sources **Paying Fund:** W.K. Kellogg Airport Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
FF				\$65,579			\$65,579
SF				\$3,643			\$3,643
BCTIFA				\$3,643			\$3,643
							\$0
Total	\$0	\$0	\$0	\$72,865	\$0	\$0	\$72,865

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Airport

Project Title Design for Rehabilitate Taxiway A **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: This project will include the design work for the rehabilitation of the pavement and edge lights on taxiway A.

Project Justification: The pavement along Taxiway A had a PCI of 48 during the last pavement condition survey (2014). It is expected that by 2019, it will be well below the acceptable minimum service level. The current taxiway lighting has been tested and has very low resistance to ground, which causes sporadic outages. As part of this process, a new medium intensity taxiway light (MITL) system will be installed.

Financing Sources **Paying Fund:** W.K. Kellogg Airport Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
FF		\$296,280					\$296,280
SF		\$16,460					\$16,460
BCTIFA		\$16,460					\$16,460
							\$0
Total	\$0	\$329,200	\$0	\$0	\$0	\$0	\$329,200

Airport

Project Title Design for the reconstruction of Taxiway F **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: This project will include the design work for the reconstruction and realignment of Taxiway F from Runway 5L to the Air National Guard (ANG) South Apron.

Project Justification: It is expected the apron will be owned by the airport at the time of this project. Due to the primary runway being 10,004 feet long and the presence of the Air National Guard Base as well as other significant industry around the airport, the airport occasionally draws larger (TDG 5) aircraft. Most of the taxiways at the airport are 50' wide and there is currently only one way for TDG 5 aircraft to get off the primary runway (TWY A). Taxiway F will be used to access the South Apron to park these occasional larger aircraft. These pavements were identified in the last pavement condition index survey (2014) as being some of the poorest on the airfield. At that time Taxiway F was rated a 30, which is well below minimum service condition. This project also includes the replacement of the edge lighting along Taxiway F.

Financing Sources **Paying Fund:** W.K. Kellogg Airport Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
FF				\$266,646			\$266,646
SF				\$14,815			\$14,815
BCTIFA				\$107,840			\$107,840
							\$0
Total	\$0	\$0	\$0	\$389,301	\$0	\$0	\$389,301

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Battle Creek DDA

Project Title Building Improvement Program **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Assist central business district property owners to enhance buildings.

Project Justification: Maintain downtown area as a viable business district and a desirable place to live, work and play.

Financing Sources **Paying Fund:** Downtown Development Authority

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA	\$250,000	\$250,000			\$200,000	\$250,000	\$950,000
SF		\$50,000	\$50,000		\$50,000		\$150,000
							\$0
							\$0
Total	\$250,000	\$300,000	\$50,000	\$0	\$250,000	\$250,000	\$1,100,000

Battle Creek DDA

Project Title Downtown Property Acquisition **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Acquire various properties located in the Central Business District for the purpose of demolition and to prepare sites for future development.

Project Justification: To improve the aesthetic appearance of downtown.

Financing Sources **Paying Fund:** Downtown Development Authority

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA	\$200,000	\$200,000			\$300,000	\$200,000	\$900,000
SF			\$50,000		\$25,000		\$75,000
							\$0
							\$0
Total	\$200,000	\$200,000	\$50,000	\$0	\$325,000	\$200,000	\$975,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Battle Creek DDA

Project Title Goguac Lake North end Redevelopment **Proposed to be funded?:** No
Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Redevelop the north end of Goguac Lake including road improvements to provide a variety of amenities including the addition of sidewalks and trails, streetscape improvements, gateway signage, fishing pier and a privately-operated marina. The redeveloped effort will be facility by the acquisition of various properties located in the target area for the purpose of demolition and to prepare sites for future development.

Project Justification: As part of the City's master planning process a subarea plan was developed around the north end of Goguac Lake. The purpose of the subarea plan was to lakeshore-type destination experience within the city limits to better utilize an important water resource. Doing so will allow the city to market Battle Creek as a destination, to increase marketability and bring awareness to the value of the subject water resource, to spur development and increase the tax base on the lake and within the CABID.

Financing Sources **Paying Fund:** Downtown Development Authority

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA	\$100,000	\$500,000	\$500,000	\$300,000	\$150,000		\$1,550,000
SF	\$150,000	\$600,000	\$500,000	\$500,000	\$250,000		\$2,000,000
PS	\$50,000	\$400,000	\$200,000	\$100,000	\$100,000	\$300,000	\$1,150,000
							\$0
Total	\$300,000	\$1,500,000	\$1,200,000	\$900,000	\$500,000	\$300,000	\$4,700,000

Battle Creek DDA

Project Title Greenspace and Riverfront Improvements **Proposed to be funded?:** No
Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Beautify greenspace in the Central Business District and riverfront areas.

Project Justification: To enhance recreational offerings in the downtown, support programming and event activities, attract residential development and enhance quality of life.

Financing Sources **Paying Fund:** Downtown Development Authority

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA	\$100,000	\$100,000	\$100,000			\$100,000	\$400,000
SF	\$100,000			\$50,000			\$150,000
							\$0
							\$0
Total	\$200,000	\$100,000	\$100,000	\$50,000	\$0	\$100,000	\$550,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Battle Creek DDA

Project Title Streetscape Enhancements **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Sidewalk, lighting, seating amenities in the downtown corridor.

Project Justification: To revitalize dilapidated properties in the central business district to spur development and increase the tax base.

Financing Sources **Paying Fund:** Downtown Development Authority

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA	\$25,000	\$25,000		\$75,000	\$75,000	\$25,000	\$225,000
SF	\$75,000		\$50,000	\$50,000		\$25,000	\$200,000
							\$0
							\$0
Total	\$100,000	\$25,000	\$50,000	\$125,000	\$75,000	\$50,000	\$425,000

Battle Creek DDA

Project Title Trail Head Development **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Creating specific entry/access points along the linear trail, for example at the convergence of the Battle Creek and Kalamazoo Rivers that encourage use of the path and downtown waterways.

Project Justification: To encourage use of the linear path. Create entry and exist points in the downtown, connect with the larger path system in the county and region and encourage recreation and leisure use in the central business district.

Financing Sources **Paying Fund:** Downtown Development Authority

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA		\$50,000					\$50,000
SF		\$175,000					\$175,000
							\$0
							\$0
Total	\$0	\$225,000	\$0	\$0	\$0	\$0	\$225,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Battle Creek DDA

Project Title Wayfinding and Gateway Signage **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Signage establishing gateway entry points into the downtown along with landmarks and other key points-of-interest.

Project Justification: To attract visitation to the downtown, help delineate boundaries, establish a brand or unique identity for the central business and enhance entry corridors into the downtown.

Financing Sources **Paying Fund:** Downtown Development Authority

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA		\$50,000					\$50,000
SF		\$75,000					\$75,000
							\$0
							\$0
Total	\$0	\$125,000	\$0	\$0	\$0	\$0	\$125,000

BCTIFA BRA

Project Title Corridor Improvements **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Utility extension (water, sewer, electric); property demo; property acquisition; building construction; road and infrastructure improvement; wetland remediation

Project Justification: Improving the corridors that lead into the TIFA district are important for attracting additional investment into the TIFA and Battle Creek.

Financing Sources **Paying Fund:** BCTIFA BRA

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
BCTIFA	\$2,000,000	\$3,000,000	\$3,000,000	\$2,000,000	\$2,000,000	\$1,000,000	\$13,000,000
BRA	\$150,000	\$150,000	\$100,000	\$100,000	\$75,000	\$75,000	\$650,000
SF	\$250,000	\$300,000	\$300,000	\$200,000	\$200,000	\$100,000	\$1,350,000
							\$0
Total	\$2,400,000	\$3,450,000	\$3,400,000	\$2,300,000	\$2,275,000	\$1,175,000	\$15,000,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

City Hall Maintenance

Project Title City Hall Façade Repair and Refurbishing **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: City Hall Façade Repair and Refurbishing

Project Justification: City Hall's Façade significant water damage. City Hall's terra cotta pediment corner units and raking cornice need to be removed and replaced with either in-kind terra cotta or a replica substitute. I have the engineering firm WJE on standby for drawings and specs for the replacement. Drawings and specs are estimated at \$50,000.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$1,310,000						\$1,310,000
							\$0
							\$0
							\$0
Total	\$1,310,000	\$0	\$0	\$0	\$0	\$0	\$1,310,000

Engineering

Project Title 24th and Gethings Sidewalk Extension **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** yes **New Project?:** yes

Project Description: Section of sidewalk along 24th and Gethings Road do not connect. Project will connect these segments to provide at least sidewalk on one side of the road for the entire duration.

Project Justification: Speed studies have indicated that motorist consistently travel these sections of road at higher than the posted limit of 25 mph. Separating pedestrians from vehicles will improve safety.

Financing Sources **Paying Fund:** General fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GCI	\$60,000						\$60,000
							\$0
							\$0
							\$0
Total	\$60,000	\$0	\$0	\$0	\$0	\$0	\$60,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Engineering

Project Title Battle Creek River Electrical System Replacement **Proposed to be funded?:** No
Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Remove and replace the outdoor electrical system along the Battle Creek River from Capital Avenue to McCamly Street.

Project Justification: Along both sides of the Battle Creek River between Capital Avenue and McCamly Street are conduits, electrical service panels, outlets, and related hardware. This hardware was installed in the late 1980's / early 1990's for lighting and outdoor electrical.

Financing Sources Paying Fund: DDA

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA	\$125,000						\$125,000
							\$0
							\$0
							\$0
Total	\$125,000	\$0	\$0	\$0	\$0	\$0	\$125,000

Engineering

Project Title Battle Creek River Pedestrian Lighting Upgrade **Proposed to be funded?:** No
Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Upgrade the "bo-peep" style pedestrian lighting along the Battle Creek River between N McCamly Street and Capital Avenue SW.

Project Justification: The pedestrian lighting along the Battle Creek River was upgraded to LED lighting in 2008. The LED technology has advanced significantly since then, now allowing a bolt-up replacement fixture with twice the number of LED's with only a 0.1 amp increase in usage. By upgrading these fixtures this area of the linear path and riverfront will be significantly brighter for pedestrians.

Financing Sources Paying Fund: DDA

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA	\$50,000						\$50,000
							\$0
							\$0
							\$0
Total	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Engineering

Project Title LED Right-a-Way Conversion **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Conversion of street lights to LED to reduce electric consumption and cost

Project Justification: As per the City of Battle Creek Sustainability Plan

Financing Sources **Paying Fund:** General Capital Improvement

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GCI	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
							\$0
							\$0
							\$0
Total	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000

Engineering

Project Title Park Electrical Systems Upgrade **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Upgrade the electrical systems in McCamly Park and Claude Evans Park to provide support for recreation activities and special events.

Project Justification: The existing electrical systems in McCamly Park and Claude Evans Park are limited. Upgrading these systems will provide better support for recreation activities and special events that use these spaces - Family Day at Claude Evans and the Cereal Festival at McCamly Park are examples.

Financing Sources **Paying Fund:** DDA & GF

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA	\$10,000						\$10,000
GF	\$15,000						\$15,000
							\$0
							\$0
Total	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Engineering

Project Title Sojourner Truth Monument Amphitheater Rehab **Proposed to be funded?:** No
Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Rehabilitate the amphitheater area for The Sojourner Truth Monument which was originally constructed in 1997. Replacement caulking, concrete repairs, handrail refinishing, and a new overall concrete color treatment is needed.

Project Justification: The monument was originally constructed in 1997 and is showing it's age. It's become a destination point for Battle Creek and a rehab of the amphitheater area is necessary to continue draw visitors from all over the world.

Financing Sources Paying Fund: DDA

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA	\$50,000						\$50,000
							\$0
							\$0
							\$0
Total	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000

Fire Department

Project Title New Fire Station **Proposed to be funded?:** No
Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Build a new Fire Station at Territorial and Helmer on airport property to replace current Station 4.

Project Justification: Combine the current Station 4 with Station 7 and build a new station on the east side of the airport. Current Station 4 doesn't meet the current requirements of a modern fire station. It lacks the proper barriers and living quarters to name a few. Station 7 is owned by the National Guard and is located on the Base, as such it does not allow for full City emergency response utilization of the assigned staffing. By relocating the Station, the assigned personnel can be utilized for both aircraft rescue firefighting and structural firefighting into the City.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
CIB	\$750,000						\$750,000
							\$0
							\$0
							\$0
Total	\$750,000	\$0	\$0	\$0	\$0	\$0	\$750,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Fire Department

Project Title Purchase new engine (E2) **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Purchase new engine to replace E2

Project Justification: The current Engine 2 was purchased as a demo in 2006. It has been one of the most costly vehicles to keep on the road and has been a problem since it was purchased. The vehicle is only 13 years old and the department has spent well over \$200,000 on repairs. It is no longer reliable as a front line apparatus and should be recommissioned to the reserve fleet. This cost would include the required equipment and supply purchase.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
CIB		\$550,000					\$550,000
							\$0
							\$0
							\$0
Total	\$0	\$550,000	\$0	\$0	\$0	\$0	\$550,000

Fire Department

Project Title Purchase new engine (E5) **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Purchase a new engine to replace E5

Project Justification: The current Engine 5 was purchased in 1996. NFPA Industry Standards recommend removing apparatus from front line status to reserve status after 15 to 20 years and then remain in reserve status for an additional 5 years. In 2015 this apparatus was refurbished in an attempt to extend the usable life another 7 to 10 years. This engine will need to be recommissioned to our reserve fleet. This cost would include the required equipment and supply purchase.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
CIB		\$550,000					\$550,000
							\$0
							\$0
							\$0
Total	\$0	\$550,000	\$0	\$0	\$0	\$0	\$550,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Fire Department

Project Title Remodel Selected Fire Stations (2, 3, 5, 6) **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Remodel and bring up to current building codes fire stations 2, 3, 5, and 6.

Project Justification: Remodel Stations 2, 3, 5 and 6. All stations are in need of updating and additional space. They all need to have better separation from the living quarters and the apparatus bay/PPE lockers. This will help to keep down the exposure to carcinogens and other health hazards related to combat firefighting. Station 2 needs abatement work, plumbing and electrical upgrades and window/door insulation work. Station 3 needs abatement work, structural reinforcement, plumbing and electrical upgrades and window/door insulation. Station 6 needs new plumbing and could use electrical updates. Station 5's bay is too low and needs to be raised to accept the newer pieces of apparatus along with electrical and plumbing upgrades.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
CIB				\$4,000,000			\$4,000,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$4,000,000	\$0	\$0	\$4,000,000

Information Technology

Project Title IT Strategic Plan and System Assessment **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Create a guiding document for the IT strategy at the City of Battle Creek that gives a 5 year look at aligning a technology spending and business of local government.

Project Justification: It has been many years since an outside evaluation of the direction of the IT Strategy has been done. While we have internal guiding documents, we may be limited by that which we know.

Financing Sources Paying Fund: Information Technology Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ITF	\$30,000		\$15,000				\$45,000
							\$0
							\$0
							\$0
Total	\$30,000	\$0	\$15,000	\$0	\$0	\$0	\$45,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Parking

Project Title Michigan - Lighting **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Update lighting in entire structure.

Project Justification: Lighting at end of useful life; reduce expenses, green friendly.

Financing Sources **Paying Fund:** Automobile Parking System Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
PF					\$200,000		\$200,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000

Parks

Project Title Downtown Riverfront/Mill Pond Redevelopment **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Create a water raceway for a high adventure experience along the Kalamazoo River, Remove channel and create rapids along river with an exit point and a walking path back to the beginning. Acquisition of GPI/Consumers sites and construction of a new park facility with turf restoration, shelters and parking lot on Kalamazoo River and construct linear path along the old railroad tracks to Oak Hill Cemetery and eventually to Columbia Ave.

Project Justification: Increased river usage and physical activity, as participants navigate a one mile course and walk back to the beginning. This will provide the only regional water adventure and add to place making and economics for the City. Ability to collect revenue from participants. Increase connectivity of Linear Park from downtown towards East Columbia Ave.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$600,000			\$2,200,000			\$2,800,000
SF		\$300,000			\$3,000,000		\$3,300,000
							\$0
							\$0
Total	\$600,000	\$300,000	\$0	\$2,200,000	\$3,000,000	\$0	\$6,100,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Parks

Project Title E. Columbia Ave. River and Park Development **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Acquisition of green space and rehab facilities for programming, Kalamazoo River access, connection from downtown to south side of town and Beckley Rd area, access under Columbia Ave.

Project Justification: To create a destination park close to the river with access to the Linear Park trail and an access point for the Kalamazoo River and waterway trail.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF				\$500,000	\$70,000		\$570,000
SF					\$300,000		\$300,000
							\$0
							\$0
Total	\$0	\$0	\$0	\$500,000	\$370,000	\$0	\$870,000

Parks

Project Title Fell Park (Master Plan Renovations) **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Phase I - Relocate parking and remove other hard surface area; Phase II - Relocate and renovate ball fields and add shelters. Phase III - add putting/small driving range facilities including putting surface and safety netting to accommodate First Tee programming for youth.

Project Justification: Replace current backstops & player benches, which are over 30 years old, to improve safety. Relocate ball fields which will allow for better land use and improve paved parking. Add golf amenities expanding programming to underserved audiences.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF			\$450,000				\$450,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$450,000	\$0	\$0	\$0	\$450,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Parks

Project Title Linear Park Expansion **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Expansion of Linear Park to connect to Pennfield Township, County trails, Metcalf Lake and Battle Creek River access areas.

Project Justification: To connect to the trail system of Southern Michigan and Calhoun County.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF				\$50,000			\$50,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000

Parks

Project Title Linear Park Expansion, North Side to South Side **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Construction of Linear Park connecting downtown to Riverside Park along the Mill Pond and Kalamazoo River and from Riverside Park to Beckley Rd Linear Park section.

Project Justification: Increase connectivity of Linear Park from downtown towards Riverside Park and Beckley Road and connect with an existing isolated section.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF				\$2,200,000			\$2,200,000
SF			\$300,000				\$300,000
							\$0
							\$0
Total	\$0	\$0	\$300,000	\$2,200,000	\$0	\$0	\$2,500,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Parks

Project Title Linear Park Repairs - Existing Path **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replace/repair retaining walls along the Linear Park; replacement of existing sections of path and wooden boardwalks.

Project Justification: These improvements will maintain participant safety along the Linear Path and maintain the long term physical condition of the path. Delays in repairs to the path system will substantially increase repair/replacement costs in the future as the path system ages. Damaged retaining walls, handrails, stair rails and stairs create a potentially significant liability for the city. Many of the boardwalk sections are 25 - 30 years old.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$50,000		\$50,000		\$50,000		\$150,000
SF		\$25,000					\$25,000
SGF				\$25,000			\$25,000
							\$0
Total	\$50,000	\$25,000	\$50,000	\$25,000	\$50,000	\$0	\$200,000

Parks

Project Title Linear Path Expansion along 28th Street **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Expansion of the Linear Path along 28th Street from Lakeview Middle School to Westlake Park, to include loops and connections at Lakeview High School

Project Justification: Connecting physical active areas at Lakeview Middle School, Westlake and Lakeview High School with the existing Linear Path on Helmer Rd.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF			\$220,000				\$220,000
SF			\$300,000				\$300,000
							\$0
							\$0
Total	\$0	\$0	\$520,000	\$0	\$0	\$0	\$520,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Parks

Project Title Linear Path Expansion, I-94 Corridor **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Expansion of the Linear Path along the I-94 corridor between Helmer Road and Capital Avenue (Phase I) and Capital Avenue to M-66 (Phase II).

Project Justification: This expansion would link existing path on Helmer Road and create access to Capital Ave. and access to Beckley Road. Phase II would connect Capital Ave. to M-66. This would also benefit the City's Non Motorized Transportation Plan.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF		\$300,000		\$100,000			\$400,000
SF			\$300,000		\$300,000		\$600,000
							\$0
							\$0
Total	\$0	\$300,000	\$300,000	\$100,000	\$300,000	\$0	\$1,000,000

Parks

Project Title Linear Trail Signage **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Engineering and signage in preparation for the connection at the City line from the Kalamazoo Trail.

Project Justification: Connecting statewide trail system across Southern Michigan.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF		\$25,000					\$25,000
							\$0
							\$0
							\$0
Total	\$0	\$25,000	\$0	\$0	\$0	\$0	\$25,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Parks

Project Title Metcalf Lake Development **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Construction of visitor amenities at Metcalf Lake including, shelter/pavilion, restrooms, hiking trails, fishing pier and ADA accessible hard surface path.

Project Justification: To provide a natural green space area north of town for healthy physical activities for individuals and families. Also, to encourage the use of the natural trails for walking, running, nature watching and fishing.

Financing Sources Paying Fund: State Funds

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF			\$100,000				\$100,000
SF				\$300,000			\$300,000
PS					\$50,000		\$50,000
							\$0
Total	\$0	\$0	\$100,000	\$300,000	\$50,000	\$0	\$450,000

Parks

Project Title Park Amenities Improvements **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Improvements and repairs to structures and amenities located through the city park system. Items include buildings, pavilions, fencing, railings, ball fields, courts, trash receptacles, benches, picnic tables, etc.

Project Justification: Improvements and repairs to park system amenities help insure the safety of our residents and visitors and managing/reducing the city's risk exposure.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		\$250,000
							\$0
							\$0
							\$0
Total	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$250,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Parks

Project Title Playground Safety Improvements **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Upgrade equipment and ammentities to meet new safety standards at Greenwood, Horseshoe, Irving, Miner, Meachem, Minges Brook, Prairieview, Quaker and Stellrecht playgrounds.

Project Justification: To meet new safety standards for playgrounds.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		\$250,000
							\$0
							\$0
							\$0
Total	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$250,000

Parks

Project Title Soccer/Rugby Acquisition and Development **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Acquisition of land and development of a field soccer complex which would be available for local use and weekend tournaments.

Project Justification: The development of a soccer complex would increase participation in our local soccer programs and help boost the local economy with weekend tournaments attracting outside visitors.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF			\$150,000				\$150,000
SF			\$300,000				\$300,000
PS					\$1,350,000		\$1,350,000
							\$0
Total	\$0	\$0	\$450,000	\$0	\$1,350,000	\$0	\$1,800,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Parks

Project Title Waterway Trail **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Create access to the Battle Creek and Kalamazoo Rivers.

Project Justification: Provide increased access along the Battle Creek and Kalamazoo Rivers for kayaking, tubing, canoeing, fishing through community partnerships with the Calhoun Conservation District, Calhoun County, Pennfield Township and community groups and foundations. Promote water shed, wildlife, plant conservation and increase use of the water as a natural resource.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF			\$700,000				\$700,000
SF				\$300,000			\$300,000
							\$0
							\$0
Total	\$0	\$0	\$700,000	\$300,000	\$0	\$0	\$1,000,000

Parks

Project Title Woodland Park & Nature Preserve-
Planning/Improvements **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Completion of park master plan. This includes 4 miles of trails (chipped, hard surface, and wetland boardwalks), shelters, benches, restroom bldg., connecting bridge, and historical markers/education components.

Project Justification: Woodland Park is located in an underserved area of the community as it relates to public green space. This area has been identified as a high growth area for residential development.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$100,000	\$100,000	\$500,000	\$440,000			\$1,140,000
SF			\$300,000	\$300,000			\$600,000
PS			\$90,000	\$75,000	\$75,000		\$240,000
							\$0
Total	\$100,000	\$100,000	\$890,000	\$815,000	\$75,000	\$0	\$1,980,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Recreation

Project Title Rec. Center Repairs/Renovations to Existing Infrastructure **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Paint Waterslides. Repurpose indoor pool for sports programming and fitness center.

Project Justification: These repairs are necessary to extend the functional life of the City's only youth recreation center and public swimming pool and to accommodate the changing needs of users.

Financing Sources **Paying Fund:** Full Blast Endowment Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
FBE	\$40,000	\$460,000					\$500,000
							\$0
							\$0
							\$0
Total	\$40,000	\$460,000	\$0	\$0	\$0	\$0	\$500,000

Traffic Engineering

Project Title Capital Ave @ Beckley/I94 Knapp Drive **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Traffic signal interconnect and modification of on ramp and geometric changes at Knapp Dr.

Project Justification: To improve operations at Capital and Beckley and Capital at I-94 off Ramp.

Financing Sources **Paying Fund:** Congestion Mitigation & Air Quality Improvement. Proj..

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
CMAQ						\$350,000	\$350,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$0	\$0	\$350,000	\$350,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Traffic Engineering

Project Title Central Business District Traffic Signal Interconnect **Proposed to be funded?: No**

Community Result Score 1 **Meets Master Plan?: Yes** **New Project?: No**

Project Description: Interconnect all traffic signals within the downtown area (Van Buren on the north Division on the east Dickman on the south and Washington on the west.)

Project Justification: Reductions in both congestion and in vehicular exhaust emissions. Improved communications between signals and our Traffic Management Center.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects
Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
A51				\$76,000			\$76,000
DDA				\$100,000			\$100,000
							\$0
							\$0
Total	\$0	\$0	\$0	\$176,000	\$0	\$0	\$176,000

Traffic Engineering

Project Title City Wide Pavement Marking **Proposed to be funded?: No**

Community Result Score 1 **Meets Master Plan?: Yes** **New Project?: No**

Project Description: City wide pavement markings for crosswalks, stop bars, railroad markings, specialty markings, centerline, edge line and no passing zones.

Project Justification: Federal and State statutes and regulations require pavement markings.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects
Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
A51	\$160,000	\$160,000	\$160,000	\$160,000	\$160,000	\$160,000	\$960,000
							\$0
							\$0
							\$0
Total	\$160,000	\$160,000	\$160,000	\$160,000	\$160,000	\$160,000	\$960,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Traffic Engineering

Project Title Emergency Vehicle Preemption & Transit System Priority **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Install system of preempting traffic signals for approaching emergency vehicles and providing transit buses priority at traffic signals. Project would be built out using a phased approach using a mix of various Federal grant program funds.

Project Justification: Reduced frequency of crashes involving emergency vehicles responding to calls. Reduce City's liability. Extend green signals long enough for transit buses to cross intersections without stopping, reducing transit delays, reducing fuel consumption, reducing emissions, and reducing mechanical wear on City buses.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
A51				\$40,000	\$40,000	\$40,000	\$120,000
FF				\$400,000	\$400,000	\$400,000	\$1,200,000
							\$0
							\$0
Total	\$0	\$0	\$0	\$440,000	\$440,000	\$440,000	\$1,320,000

Traffic Engineering

Project Title New Traffic Signal, 28th @ Hupp **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: New Traffic Signal, 28th St. @ Hupp Rd. New traffic signal controller, new traffic signal faces, new pedestrian signal faces, span wire and wood pole supports.

Project Justification: Motorists have expressed many complaints about congestion and delays here on school days when students are arriving and departing from the middle school and the high school. A 2015 traffic study found that delays were great enough to satisfy warrants for signalization.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
A51					\$200,000		\$200,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Traffic Engineering

Project Title New Traffic Signal, Capital Ave. N.E. @ North Ave. **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: New Traffic Signal, Capital Ave. N.E. @ North Ave. New traffic signal controller, new traffic signal faces, new pedestrian signal faces, new mast arm structures.

Project Justification: This signal is expected to improve traffic flow by creating gaps, improving the ability of southbound Capital Avenue traffic to continue south through the North Avenue intersection. This signal's operation will be coordinated with the nearby Capital @ Van Buren signal that is expected to be replaced in 2021.

Financing Sources **Paying Fund:** Major & Local Street Capital Project Funds

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
A51					\$330,000		\$330,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$0	\$330,000	\$0	\$330,000

Traffic Engineering

Project Title Non Motorized maintenance **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: To maintain signing and marking for the non motorized transportation system.

Project Justification: The system is being built but budget does not have money to continuously support the system.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects Funds

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
A51	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
							\$0
							\$0
							\$0
Total	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Traffic Engineering

Project Title Railroad Crossing Maintenance **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Railroad Crossing Maintenance. Maintenance of crossing surfaces and warning devices at railroad crossings.

Project Justification: Railroad crossing safety. Michigan statute requires railroads to maintain crossings, and requires the State, counties and cities to financially support crossing maintenance.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects
Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
A51	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$210,000
							\$0
							\$0
							\$0
Total	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$210,000

Traffic Engineering

Project Title Traffic Cameras and Weather Sensors **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Install weather sensors and additional traffic cameras at various locations around the City.

Project Justification: Monitor weather conditions at different locations to help manage snow removal operations. Monitor traffic flows at additional locations from DPW's Traffic Management Center.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects
Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
A51		\$76,000					\$76,000
							\$0
							\$0
							\$0
Total	\$0	\$76,000	\$0	\$0	\$0	\$0	\$76,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Traffic Engineering

Project Title Traffic Sign Upgrade **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replace poor signs in each of the maintenance districts.

Project Justification: Required by Federal and State statutes and regulations. Useful life of signs is limited and new signs must be installed periodically.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects
Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
A51	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$240,000
							\$0
							\$0
							\$0
Total	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$240,000

Traffic Engineering

Project Title Traffic Signal Modernization, 20th @ Territorial **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Traffic Signal Modernization, 20th @ Territorial. New traffic signal controller, new traffic signal faces, new pedestrian signal faces, install vehicle and pedestrian detectors, replacement of span wire structure with new four-wire "box span" structure.

Project Justification: This is one of the oldest signals in the City. It should be upgraded to reflect changing traffic demands and the needs of students attending nearby schools.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects
Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
A51		\$300,000					\$300,000
							\$0
							\$0
							\$0
Total	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Traffic Engineering

Project Title Traffic Signal Modernization, Cliff at Marjorie **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Traffic Signal Modernization, Cliff St. @ Marjorie St. Install new traffic signal controller. Refurbish traffic signal faces. Install underground conduit on all legs of the intersection. Install pedestrian signals. Improve traffic signal layout. Install vehicle and pedestrian detectors.

Project Justification: Currently, this is a pre-timed signal that often forces Cliff St. traffic to stop when no cross traffic nor pedestrians are present. By installing detectors and upgrading this signal with an actuated controller, this signal will no longer have to stop Cliff St. traffic needlessly, thus reducing both delay and vehicular exhaust emissions.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
A51			\$150,000				\$150,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000

Traffic Engineering

Project Title Traffic Signal Modernization, Upton @ Washington **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Traffic Signal Modernization, Upton Ave. @ Washington Ave. New traffic signal controller, new traffic signal faces, new pedestrian signal faces, replacement of span wire structure with new four-wire "box span" structure.

Project Justification: This is one of the oldest signals in the City. It is planned to replace this signal with newer, more reliable, hardware with pedestrian signals and with traffic signal faces that are more visible to motorists.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
A51						\$270,000	\$270,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$0	\$0	\$270,000	\$270,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Transit

Project Title Rehab existing, and construct new, system-wide bus shelter stops **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Rehab existing, and construct new, system-wide bus shelter stops

Project Justification: Most of our existing benches at our bus stops are concrete and are greater than 30 years old. As so many have become unstable, and a safety issue, we are forced to remove them which increased our passengers complaints. With the development of our recent Transit Master Plan, there is the possibility that we will be realigning our routes which will result in bus stops signage, shelters, and benches needing to be moved.

Financing Sources Paying Fund: State Funds

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
SF	\$85,000						\$85,000
							\$0
							\$0
							\$0
Total	\$85,000	\$0	\$0	\$0	\$0	\$0	\$85,000

Wastewater

Project Title Biological Treatment Rehabilitation **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Reconstruct the biological treatment processes at the WWTP.

Project Justification: This part of the system uses biology to treat wastewater. It was last overhauled in 1980 and the internal components have reached their design life. Structures that house the components are in good shape, but components such as blowers and pumps will need to be replaced with energy efficient components. The system is to be configured with real time monitoring that will adjust chemical and air needs at the time needed. These improvements to electrical energy and chemical usage will have a ROI of 7 to 8 years.

Financing Sources Paying Fund: Sewer Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WWF	\$200,000						\$200,000
QEC							\$0
GO							\$0
							\$0
Total	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Wastewater

Project Title Liquid Chlorine Disinfection **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replace the chlorine gas disinfection system with an approved alternative disinfection technologies.

Project Justification: Regulatory requirements for handling chlorine gas have become difficult to meet to the extent that utilities using them for disinfection are changing their strategies for doing so. In 2015 the City's water system changed from chlorine gas to liquid chlorine in an effort to avoid cumbersome regulatory requirements and potential fines in the future. Emerging technologies are coming that are to have better disinfection results, cost efficient, and safer to use.

Financing Sources Paying Fund: Sewer Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WWF						\$400,000	\$400,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$0	\$0	\$400,000	\$400,000

Water

Project Title Energy Improvements **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Audit, study, and improve energy consumption or produce energy

Project Justification: This project is to reduce energy usage from the plant and equipment through out the water system and/or to produce energy that will aid in satisfying the City Renewable Energy Policy.

Financing Sources Paying Fund: Water Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WF	\$1,000,000						\$1,000,000
							\$0
							\$0
							\$0
Total	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Water

Project Title Nano Filtration Addition at the RIM Plant **Proposed to be funded?:** No

Community Result Score 1 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Add filtration to Verona's RIM to strip out minerals, metals, and possible chemical contamination

Project Justification: This project will add Nano-filtration to the RIM plant to remove minerals such as iron, manganese to reduce hardness. Sodium and salts would be removed increasing the water quality. Filtration will also remove metals and possible chemicals that could be harmful for consumption. Although blocking wells are in place to prevent the migration of the contaminated groundwater from the adjacent brownfield this filtration would be a secondary prevention from contamination. PFOA's, if they became present, would be filtered out as well. Water quality would greatly improve with this conditioning that residences and businesses would no longer need softening equipment and provide protection from groundwater contamination.

Financing Sources Paying Fund: Water Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WF		\$20,000,000					\$20,000,000
		0					
DWRF							\$0
							\$0
							\$0
Total	\$0	\$20,000,000	\$0	\$0	\$0	\$0	\$20,000,000

Airport

Project Title Develop and implement an airport signage program **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Add wayfinding signs and a monument sign along South Airport Road

Project Justification: There is currently very limited signage identifying where the Airport Administration and tenant offices are located along South Airport Road.

Financing Sources Paying Fund: W.K. Kellogg Airport Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
BCTIFA	\$125,000						\$125,000
							\$0
							\$0
							\$0
Total	\$125,000	\$0	\$0	\$0	\$0	\$0	\$125,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Battle Creek DDA

Project Title Kalamazoo River Channel Redevelopment **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Removal of the existing concrete channel and the addition of various aesthetic enhancements including a side-channel or oxbow to support a whitewater experience.

Project Justification: It is important to expand the footprint of the core downtown beyond three blocks fronting W. Michigan Ave. Redevelopment of the riverfront will help draw vibrancy to the south opening up additional space for development/redevelopment. It will also create new and unique access to recreation amenities, better connect residents and visitors to water resources, act as a catalyst for redevelopment in surrounding neighborhoods and beautify the current unsightly channelized treatment of the River.

Financing Sources **Paying Fund:** Downtown Development Authority

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA		\$25,000			\$200,000	\$250,000	\$475,000
SF		\$250,000		\$500,000	\$500,000	\$750,000	\$2,000,000
PS					\$250,000	\$750,000	\$1,000,000
FF		\$350,000					\$350,000
Total	\$0	\$625,000	\$0	\$500,000	\$950,000	\$1,750,000	\$3,825,000

Battle Creek DDA

Project Title Recreation, Culture and Leisure Facilities **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Development and maintenance of recreation, cultural and leisure facilities in the downtown such as mountain bike agility course, canoe livery, bike exchange stations, skate/bike park, all inclusive/miracle park, spray plaza, free standing public restroom.

Project Justification: To enhance programming opportunities, attract visitation to the downtown, create access to cultural and leisure activates and improve over all quality of life.

Financing Sources **Paying Fund:** Downtown Development Authority

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA	\$50,000	\$55,000	\$55,000	\$55,000	\$55,000	\$25,000	\$295,000
SF	\$50,000						\$50,000
							\$0
							\$0
Total	\$100,000	\$55,000	\$55,000	\$55,000	\$55,000	\$25,000	\$345,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Battle Creek DDA

Project Title West Michigan Ave. corridor Improvements **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Extend infrastructure improvements along West Michigan Avenue to Kendall Street including lighting, sidewalks, benches, planters, etc.. consistent with the improvements in the core downtown.

Project Justification: Washington Street is current viewed as an artificial western boundary to the downtown despite the fact that there are numerous development sites with considerable potential along W. Michigan, Jackson and Hamblin. Extending decorative infrastructure down W. Michigan will help to spur development along the corridor, expanding the boundaries of the core downtown westward, take advantage of current development underway and create greater incentive for redevelopment of vacant properties along the corridor.

Financing Sources **Paying Fund:** Downtown Development Authority

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA				\$25,000	\$75,000		\$100,000
SF				\$600,000	\$800,000		\$1,400,000
							\$0
							\$0
Total	\$0	\$0	\$0	\$625,000	\$875,000	\$0	\$1,500,000

BCTIFA

Project Title Fort Land/ Building Acquisition **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Acquire strategic properties owned within the Ft. to maximize new development; Acquire existng facilities within the Ft. when appropriate or available to facilitate storage requirments that support existng companies and support incubation efforts

Project Justification: There is a need for incubation space (all space is occupied or under private control). Additionally there is a huge need for storage space to meet our existing companies needs. This would create a favorable business climate for existing tenants and new ones.

Financing Sources **Paying Fund:** BCTIFA

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
BCTIFA	\$1,000,000	\$1,500,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,500,000
							\$0
							\$0
							\$0
Total	\$1,000,000	\$1,500,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,500,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

CBD

Project Title Spray Grounds **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Construction of community spray grounds

Project Justification: The Community Foundation is interested in creating small local spray grounds.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs					Total	
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024		2024-2025
GF		\$50,000		\$50,000		\$100,000	
PS			\$300,000			\$300,000	
						\$0	
						\$0	
Total	\$0	\$50,000	\$300,000	\$50,000	\$0	\$0	\$400,000

City Hall Maintenance

Project Title City Hall Chimney Brick Masonry Repairs and sealant replacement **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: City Hall Chimney Brick Masonry Repairs and sealant replacement

Project Justification: In 2017 I hired WJE to assess the condition of City Hall's outside façade. It was determined that the Brick masonry and sealant on the exterior of City Hall needs maintenance in order to stay in good condition. Repairs include: Remove loose materials and rebuild masonry at upper segment of chimney stack. Repair racked/spalled concrete chimney cap. Sealant repairs include removing and replacing sealant on the perimeter of remaining original windows and doors and also on metal projection terminations.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs					Total	
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024		2024-2025
GF		\$37,000				\$37,000	
						\$0	
						\$0	
						\$0	
Total	\$0	\$37,000	\$0	\$0	\$0	\$0	\$37,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

City Hall Maintenance

Project Title City Hall Limestone Repairs **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: City Hall Limestone Repairs

Project Justification: In 2017 I hired WJE to assess the condition of City Hall's outside façade. It was determined that the limestone on the exterior of City Hall needs maintenance in order to stay in good condition. Such items include: Grind and point failed mortar joints between limestone units and at stair step cracks. Pin and dutchman repairs at full height cracks. Remove wood blocks from horizontal surface of limestone water table units and patch with approved material. Grind and repoint mortar joints between limestone water table units. Install backer rod and sealant in all upward facing joints. Rout and seal cracks within limestone units. Patch previously spalled areas.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF			\$50,000				\$50,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000

City Hall Maintenance

Project Title City Hall outside brick masonry upkeep and repair **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: City Hall outside brick masonry upkeep and repair

Project Justification: In 2017 I hired WJE to assess the condition of City Hall's outside façade. It was determined that the brick masonry façade of City Hall needs upkeep in order to stay in good condition. Items to be done include: Grind and repoints all mortar joints in the brick masonry to eliminate the "smear" coating. Remove and replace cracked brick units.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF						\$205,000	\$205,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$0	\$0	\$205,000	\$205,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

City Hall Maintenance

Project Title City Hall Outside façade cleaning and maintenance **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: City Hall Outside façade cleaning and maintenance

Project Justification: In 2017 I hired WJE to assess the condition of City Hall's outside façade. It was determined that the façade of City Hall needs cleaning and maintenance in order to stay in good condition. This includes: Clean surface of stained limestone units with a light water blast and use of biologic cleaner. Remove bird deterrent spikes and clean associated surfaces of debris. Clean iron hand rails and coat with corrosion inhibiting coating.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF					\$76,000		\$76,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$0	\$76,000	\$0	\$76,000

City Hall Maintenance

Project Title City Hall terra cotta exterior décor upkeep and repair **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: City Hall terra cotta exterior décor upkeep and repair

Project Justification: In 2017 I hired WJE to assess the condition of City Hall's outside façade. It was determined that the terra cotta exterior décor of City Hall needs upkeep in order to stay in good condition. Items to repair include: Re-inspect terra cotta elements every five years to document evidence of continued corrosion and related distress. Perform a light pressure cleaning of the coated areas, and provide touchup, recoating in failed areas. Recoat surfaces, but not joints, in coordination with grinding and repointing program. Grind and point all mortar joints between window head and sill units. Provide backer rod and sealant in all upward facing mortar joints.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF						\$188,000	\$188,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$0	\$0	\$188,000	\$188,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Engineering

Project Title Public Restroom in the Downtown **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Provide a public restroom facility in the Central Business District.

Project Justification: As development in the downtown continues, not to mention special events, the need for a public restroom facility will become a key component to support downtown activities.

Financing Sources Paying Fund: DDA

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA		\$100,000					\$100,000
							\$0
							\$0
							\$0
Total	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000

Engineering

Project Title Salt Storage Facility **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Locate and construct a replacement salt storage facility for winter maintenance operations

Project Justification: The existing salt storage facility at the WWTP will likely be needed by Wastewater in the future due to expansion of the Plant. A new storage facility will be required to store salt and other winter maintenance materials.

Financing Sources Paying Fund: Act 51

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
A51		\$800,000					\$800,000
							\$0
							\$0
							\$0
Total	\$0	\$800,000	\$0	\$0	\$0	\$0	\$800,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Engineering

Project Title Street Sweeping Debris Storage Building **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: A new structure at Brice Pit is necessary to support the stockpiling of street sweeping debris prior to landfill. This building will also support the screening and processing of topsoil.

Project Justification: A new building is necessary to contain debris from street sweeping operations while awaiting disposal. It is critical to keep this debris as dry as possible to minimize disposal costs at the landfill. This building is necessary as we transition away from the storage building at WWTP.

Financing Sources **Paying Fund:** Act 51

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
A51		\$350,000					\$350,000
							\$0
							\$0
							\$0
Total	\$0	\$350,000	\$0	\$0	\$0	\$0	\$350,000

Information Technology

Project Title Fiber Optic Network Expansion **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Continued expansion of the fiber LAN to sites as ROI can be realized.

Project Justification: Departmental savings and more reliable connection to outlying facilities.

Financing Sources **Paying Fund:** Information Technology Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
WF		\$32,500					\$32,500
							\$0
							\$0
							\$0
Total	\$0	\$32,500	\$0	\$0	\$0	\$0	\$32,500

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Kellogg Arena

Project Title Concession Equipment **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replace concession equipment including ice makers, warming equipment and refrigeration units.

Project Justification: The included concessions equipment must be replaced to ensure the effective and efficient delivery of concession services which are a valuable source of income for the Arena.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF		\$25,000	\$20,000				\$45,000
							\$0
							\$0
							\$0
Total	\$0	\$25,000	\$20,000	\$0	\$0	\$0	\$45,000

Kellogg Arena

Project Title Concrete Repairs **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Raise and provide stabilization and reinforcement to the concrete slab in the utility and restroom area along the Southwest corner of the Arena.

Project Justification: The concrete slab in the Southwest corner of the Arena was installed without proper compaction and stabilization. As a result, the slab and supported interior block walls are sinking causing cosmetic cracks and placing stress on utility lines. While the conditions are not currently a safety issue, a continuation of the current conditions will eventually lead to potentially unsafe conditions.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
CIB		\$25,000					\$25,000
							\$0
							\$0
							\$0
Total	\$0	\$25,000	\$0	\$0	\$0	\$0	\$25,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Kellogg Arena

Project Title Energy Conservation Project **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Enhance HVAC controls for customer comfort and energy savings. Replace inefficient lighting systems and add an automated smoke purge system.

Project Justification: The current HVAC controls do not provide for sufficient control over temperature automation resulting in a lack of user comfort and wasteful energy use. Current lighting is energy inefficient and in need of replacement. An automated smoke purge system is needed to provide for user safety during a fire and to aid in the dispersing of potentially harmful gases during events such as monster trucks.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
CIB		\$700,000		\$300,000			\$1,000,000
							\$0
							\$0
							\$0
Total	\$0	\$700,000	\$0	\$300,000	\$0	\$0	\$1,000,000

Kellogg Arena

Project Title Video Board **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Add a 30' x 20' HD video board to the Arena's north end.

Project Justification: This project replaces the previous CIP request to replace scoreboards. Modern technology has rendered traditional scoreboards obsolete as most facilities now use high resolution video boards to functions as both scoreboards and to allow for video display of live action. Adding the technology to the Arena in the near future will be critical to retaining current and attracting new clients/events. Including MHSAA Volleyball.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$380,000						\$380,000
							\$0
							\$0
							\$0
Total	\$380,000	\$0	\$0	\$0	\$0	\$0	\$380,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Parking

Project Title Hamblin - Expansion Joints **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Remove and replace expansion joints.

Project Justification: Expansion joints failing.

Financing Sources **Paying Fund:** Automobile Parking System Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
PF		\$120,000					\$120,000
							\$0
							\$0
							\$0
Total	\$0	\$120,000	\$0	\$0	\$0	\$0	\$120,000

Parking

Project Title Michigan - Concrete Patching **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Concrete patching.

Project Justification: Concrete cracking and chipping in some areas.

Financing Sources **Paying Fund:** Automobile Parking System Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
PF		\$95,000					\$95,000
							\$0
							\$0
							\$0
Total	\$0	\$95,000	\$0	\$0	\$0	\$0	\$95,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Parking

Project Title Michigan - Surface **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Repair Surfaces

Project Justification: Cracks and sealant diminished and to prevent deterioration.

Financing Sources **Paying Fund:** Automobile Parking System Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
PF		\$25,000					\$25,000
							\$0
							\$0
							\$0
Total	\$0	\$25,000	\$0	\$0	\$0	\$0	\$25,000

Parking

Project Title Surface Lots - Surface Repairs **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Crack patch and seal coating.

Project Justification: Cracks and sealant diminished and to prevent deterioration.

Financing Sources **Paying Fund:** Automobile Parking System Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
PF			\$400,000	\$400,000		\$400,000	\$1,200,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$400,000	\$400,000	\$0	\$400,000	\$1,200,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Parks

Project Title Community Dog Park **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Construction of a fenced dog park and agility course with, seating, shade structure and parking.

Project Justification: Promote responsible pet ownership and the enforcement of dog-control laws; give dogs a place to exercise safely, thus reducing barking and other problem behaviors; provide seniors and disabled owners with an accessible place to exercise their companions;

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF		\$100,000					\$100,000
SF		\$200,000					\$200,000
							\$0
							\$0
Total	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000

Parks

Project Title Downtown Skateboard Park **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Construction of a 12,000 square foot Skate Park in the downtown area, along the Kalamazoo River.

Project Justification: Provide a location where skateboarders, novice and experienced, can enjoy the multiple components and obstacles of a downtown skateboarding atmosphere and reduce the maintenance issues in the retail areas.

Financing Sources Paying Fund: Special Grants Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
SGF		\$400,000					\$400,000
							\$0
							\$0
							\$0
Total	\$0	\$400,000	\$0	\$0	\$0	\$0	\$400,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Parks

Project Title Playground Safety Surfacing **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replenish safety surfacing materials under all city park playgrounds.

Project Justification: Replacement is required to ensure compliance with ASTM impact and accessibility standards.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF		\$25,000				\$25,000	\$50,000
							\$0
							\$0
							\$0
Total	\$0	\$25,000	\$0	\$0	\$0	\$25,000	\$50,000

Parks

Project Title Stone Jug Road Park Development/ FAA Quiet Zone **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Development of a park with parking lot and natural trails.

Project Justification: FAA requires public access to the property after a quite zone is added.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF		\$50,000					\$50,000
SF			\$75,000				\$75,000
							\$0
							\$0
Total	\$0	\$50,000	\$75,000	\$0	\$0	\$0	\$125,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Recreation

Project Title Rec. Center Auditorium Rehab **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: To add a second floor to the Boys and Girls Club area.

Project Justification: This would add 4100 square feet of space and allow our current partners, Boys and Girls Club and The Southwest Michigan Virtual Academy, to expand in our facility and maintain the valued partnership for the future.

Financing Sources **Paying Fund:** Full Blast Endowment Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
FBE			\$400,000				\$400,000
PS			\$500,000				\$500,000
							\$0
							\$0
Total	\$0	\$0	\$900,000	\$0	\$0	\$0	\$900,000

Recreation

Project Title Rec. Center New Splash Pad Water Features **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: The addition of a Splash Pad to Flash Flood Water Park.

Project Justification: The additional water feature would be attractive to a younger age group and is necessary to keep the facility new and ever changing.

Financing Sources **Paying Fund:** Full Blast Endowment Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
FBE		\$450,000					\$450,000
							\$0
							\$0
							\$0
Total	\$0	\$450,000	\$0	\$0	\$0	\$0	\$450,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Traffic Engineering

Project Title Citywide Traffic Calming **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Citywide Traffic Calming. Install devices (such as speed humps) to discourage cut through and high speed traffic through residential subdivisions.

Project Justification: Frequent requests from residents for Engineering and Police actions to reduce vehicle speeds within residential neighborhoods.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects
Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
A51	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000
							\$0
							\$0
							\$0
Total	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000

Traffic Engineering

Project Title New Signal or Roundabout, Capital @ Greentree and Lois **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: New Traffic Signal or Roundabout, Capital Ave. S.W. @ Greentree Blvd. and Lois Drive. The choice of either a signal or a roundabout will be based on further engineering study.

Project Justification: New Traffic Signal or Roundabout, Capital Ave. S.W. @ Greentree Blvd. and Lois Drive. A signal or roundabout will reduce congestion and delays by providing gaps in Capital Ave. traffic for traffic that exits Greentree and Lois.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects
Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
A51					\$30,000	\$330,000	\$360,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$0	\$30,000	\$330,000	\$360,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Traffic Engineering

Project Title Traffic Camera Video Hosting **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Traffic Camera Video Hosting. Provide video streams from traffic cameras for viewing by City employees and the public.

Project Justification: Continue providing remote video from our traffic cameras to employees and the public over the Internet. This service allows the public to view traffic conditions and first responders to take corrective action. This service had been provided by a private contractor. We discontinued that service in 2017 due to costs, and we plan to resume this service in-house.

Financing Sources **Paying Fund:** Major & Local Street Capital Projects Funds

Funding Source	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
A51	\$25,000						\$25,000
							\$0
							\$0
							\$0
Total	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000

Transit

Project Title Add security cameras and related hardware to central station **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Add security cameras and related hardware to central station

Project Justification: While we have added 5 cameras to the central station shelters in the last several years, additional cameras, showing different views/angles will add to the security and safety of our riders and drivers and may assist to deter crime

Financing Sources **Paying Fund:** State Funds

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
SF			\$60,000				\$60,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$60,000	\$0	\$0	\$0	\$60,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Transit

Project Title AVL/CAD System Upgrade **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Upgrade and renovation of Battle Creek Transit's computer infrastructure that supports the dispatching and scheduling functions.

Project Justification: Aging equipment and changes in technology warrant that Battle Creek Transit upgrade its computer infrastructure. The current infrastructure support Battle Creek Transit's communication with the coach operators and scheduling and dispatching of rides to its customers.

Financing Sources **Paying Fund:** Battle Creek Transit Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
FF		\$75,000					\$75,000
SF			\$25,000				\$25,000
							\$0
							\$0
Total	\$0	\$75,000	\$25,000	\$0	\$0	\$0	\$100,000

Transit

Project Title Farebox System Upgrade **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Upgrade of Battle Creek Transit's farebox system.

Project Justification: The farebox system collects and records all revenues received on Battle Creek Transit's vehicles. With an estimated service life of 12 years, many of the components that make up Battle Creek Transit's farebox system are ready for replacement. Farebox technology has changed over the past ten years since the farebox system was last replaced.

Financing Sources **Paying Fund:** Battle Creek Transit Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
FF			\$320,000				\$320,000
SF			\$80,000				\$80,000
							\$0
							\$0
Total	\$0	\$0	\$400,000	\$0	\$0	\$0	\$400,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Transit

Project Title Overhead Bay Door Replacement **Proposed to be funded?:** No

Community Result Score 2 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Remove/replace existing overhead bay doors on both our Maintenance Building and our Vehicle Parking Garage

Project Justification: Battle Creek Transit has 15 overhead bay doors with associated hardware that are 23 years old and have become unreliable. They are showing signs of decay and are expensive to maintain to keep them operational.

Financing Sources Paying Fund: State Funds

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
SF	\$250,000						\$250,000
							\$0
							\$0
							\$0
Total	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000

Battle Creek DDA

Project Title Art, Sculptures and Monuments **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Development and maintenance of new and existing artwork, sculptures and monuments that commemorate the history and heritage of the community.

Project Justification: To capitalize on the city's unique history and heritage, maintain existing assets, attract visitors to the downtown area, create access to cultural and leisure activities and improve over all quality of life.

Financing Sources Paying Fund: Downtown Development Authority

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA	\$25,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$100,000
SF	\$25,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$75,000
							\$0
							\$0
Total	\$50,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$175,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Battle Creek DDA

Project Title Dam Removal **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Removal of the Verona Dam and the dam located under the Washington Street overpass in the Battle Creek River.

Project Justification: Removal of dams in these locations will help facilitate kayak and canoe use of the Battle Creek River without requiring users to portage around these existing obstacles.

Financing Sources **Paying Fund:** Downtown Development Authority

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA			\$50,000	\$50,000			\$100,000
SF			\$1,800,000	\$1,800,000			\$3,600,000
							\$0
							\$0
Total	\$0	\$0	\$1,850,000	\$1,850,000	\$0	\$0	\$3,700,000

City Hall Maintenance

Project Title City Hall Lighting Improvements **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: City Hall Lighting Improvements

Project Justification: Our lighting in City Hall is dated and the hallways are dim and uninviting. In order to improve energy efficiency and atmosphere, we need to bring our lighting up to speed with current standards. I have been slowly replacing our lightbulbs with LED's but eventually they will no longer make LED lightbulbs for our fixtures and we will need to get new. Union electric came up with a proposal to replace all of our light fixtures to bring them up to today's standards. Replacing them all will make our building more energy efficient and save the city money on our electricity bill.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF			\$170,000				\$170,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$170,000	\$0	\$0	\$0	\$170,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

City Hall Maintenance

Project Title City Hall Perimeter Retaining Wall Removal and Replacement **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: City Hall Perimeter Retaining Wall Removal and Replacement

Project Justification: Battle Creek City Hall has a retaining wall system that has been in place since the building was constructed 103 years ago. In the 80's, the field services department revamped the wall by applying a fresh pargeted finish and installing a gutter system for drainage purposes. The drainage solution they came up with has failed. They created the system so the water drained behind the wall into dry wells. Those dry wells have since filled with sediment because they can't handle the amount of water that is created from the irrigation system. We are now having freeze/thaw problems with the moisture and it is eroding the wall away. I recently worked with a landscape architect firm to come up with some plans to solve our structure and drainage problem. Our best option is to re-use the existing cap stones, connect the drainage system to the storm sewer and replace the face of the wall with concrete pre-cast units that are similar to the original shape.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$241,000						\$241,000
							\$0
							\$0
							\$0
Total	\$241,000	\$0	\$0	\$0	\$0	\$0	\$241,000

City Hall Maintenance

Project Title City Hall Roof **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Renovate City Hall's Roof

Project Justification: The City Hall roof is currently 15 to 20 years old so we need to start thinking about a plan to either renovate or redo it in the next 5-6 years. I don't have an estimate. I'm basing my number on what was done last time.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF				\$300,000			\$300,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$300,000	\$0	\$0	\$300,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

City Hall Maintenance

Project Title City Hall Treasurer Office / Lobby Safety Improvements and Renovation **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: City Hall Treasurer Office / Lobby Safety Improvements and Renovation

Project Justification: Our current layout of our main entrance into city hall is not conducive to traffic flow, safety and security/access control. I had an architect firm help me redesign the original south entrance to accommodate traffic as well as ADA requirements and security. In this project we also redesigned the payment / treasurers office. The current window is unsafe not only for the staff but for the citizens as well. Currently, people fill the hall to make payments. Our plan is to bring the payment line inside the office. This will be a security improvement for the treasurers staff because we have designed cashier style payment windows with bullet resistant material and barriers for non-entry similar to what you would see at a bank. Currently any citizen can jump or reach over the counter with ease.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$238,000						\$238,000
							\$0
							\$0
							\$0
Total	\$238,000	\$0	\$0	\$0	\$0	\$0	\$238,000

Engineering

Project Title Brice Pit Reclamation Project **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Contract the excavation, sorting, and reclaiming of the debris spoils pile at Brice Pit. This pile consists of accumulated dirt, asphalt, concrete, cast iron, etc., from 20+ years of water, sewer, and street maintenance activities.

Project Justification: After 20+ years of operation, this pile is reaching the end of its useful life cycle. Materials such as asphalt, concrete, and cast iron can be reclaimed, ultimately eliminating the pile. Once completed, the city will have the space to sort materials routinely, eliminating a future pile.

Financing Sources Paying Fund: Act 51

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
A51		\$200,000					\$200,000
WF		\$200,000					\$200,000
WWF		\$200,000					\$200,000
							\$0
Total	\$0	\$600,000	\$0	\$0	\$0	\$0	\$600,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Engineering

Project Title Replacement "Building 6" **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replacement cold storage building for the existing "Building 6" located at the former 350 W Michigan Ave. The existing steel structure is 95'x260' w/16' eaves (24,700 sf.) Site potentially would be on Elm Street near the BCPD building.

Project Justification: The existing building is located on the former DPW site at 350 W Michigan Avenue. There has been interest in selling this property, therefore a replacement storage building/site is required. The Dolliver Building is currently being used for storage, however that facility is only a temporary solution.

Financing Sources Paying Fund: Act 51 and GF

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
A51		\$550,000					\$550,000
GF		\$550,000					\$550,000
							\$0
							\$0
Total	\$0	\$1,100,000	\$0	\$0	\$0	\$0	\$1,100,000

Equipment Center

Project Title Green Roof Relocation **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Reinstall Green Roof From old Police Station onto DPW

Project Justification: Save The Green Roof

Financing Sources Paying Fund: Equipment Center Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ECF	\$0	\$0	\$0	\$0	\$0	\$0	\$0
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Information Technology

Project Title Back up Storage Target for PD video footage **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Purchase storage specifically for PD video storage.

Project Justification: This will become more crucial as we continue towards body camera implementation.

Financing Sources **Paying Fund:** Information Technology Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ITF		\$30,000					\$30,000
							\$0
							\$0
							\$0
Total	\$0	\$30,000	\$0	\$0	\$0	\$0	\$30,000

Information Technology

Project Title Document Management System **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: A project to allow for indexing and management of City documents. This would give us a one stop for searching and filing documents and faster searching for all records.

Project Justification: With growing demand and need for transparency this system is becoming necessary. A common storage area with ability to search will save time and possibly money.

Financing Sources **Paying Fund:** Information Technology Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
ITF				\$50,000			\$50,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Kellogg Arena

Project Title Arena Floor Resurfacing **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** YE

Project Description: Resurface interior Arena floor to fill cracks and create smooth surface

Project Justification: Resurface Arena floor to fill in cracks and imperfections. Currently floor still has blemishes from ice rink use as well as significant cracking withing interior. Would make the floor look nearly brand new, which could attract new events and enhance current events.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF				\$100,000			\$100,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$100,000	\$0	\$0	\$100,000

Kellogg Arena

Project Title Chain motor replacement **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Purchase new chainmotors to lift, hang, and rig equipment into the steel rafters of Kellogg Arena.

Project Justification: Current chainmotors are used often and are showing their wear. Newer motors are lighter and more efficient in their use.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF			\$25,000				\$25,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$25,000	\$0	\$0	\$0	\$25,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Kellogg Arena

Project Title LED Lighting Project **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Replace lighting for the interior of the arena

Project Justification: Current lighting was installed in 2005. It is no longer efficient and is quickly becoming obsolete. LED lighting has fallen in price and has longer life expectancy.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$100,000						\$100,000
							\$0
							\$0
							\$0
Total	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000

Kellogg Arena

Project Title Sports Court **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** YE

Project Description: Replace sports court for gymnastic events and other sport related shows

Project Justification: The current sports court was purchased 30 years ago. It is almost unusable. The visual appearance is also in terrible condition.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$150,000						\$150,000
							\$0
							\$0
							\$0
Total	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Parking

Project Title Engineering for Parking Fund Projects **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Engineering for Parking Fund projects

Project Justification: Engineering required for Parking Fund projects

Financing Sources **Paying Fund:** Automobile Parking System Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
PF		\$44,000					\$44,000
							\$0
							\$0
							\$0
Total	\$0	\$44,000	\$0	\$0	\$0	\$0	\$44,000

Parking

Project Title Hamblin - Lighting **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Update lighting in entire structure.

Project Justification: Lighting at end of useful life; reduce expenses, green friendly.

Financing Sources **Paying Fund:** Automobile Parking System Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
PF					\$200,000		\$200,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Parks

Project Title Bailey Park Parking Lot **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Design and construct a small parking lot to provide roughly 15 spaces near the pavilion at the southwest corner of Bailey Park, south of Roosevelt Avenue and next to the linear path. This pavilion is utilized throughout the summer season for a variety of gatherings and does not have the benefit of a close parking lot.

Project Justification: The lack of a close parking lot results in users having to drive through the grass to drop off supplies and in many cases, park next to the pavilion throughout the duration of their event. An additional parking lot near the pavilion would help promote the use of this space and minimize the turf damage caused from private vehicles.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$40,000						\$40,000
							\$0
							\$0
							\$0
Total	\$40,000	\$0	\$0	\$0	\$0	\$0	\$40,000

Parks

Project Title General Parks asphalt road and parking area repairs. **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Surface treatments for all roads and parking lot areas in selected parks. Includes milling as needed.

Project Justification: The surface areas (roads and parking lots) in a number of local parks have deteriorated to the point of becoming a safety concern due to uneven surfaces and cracking. Repair is also needed in order to avoid more significant long-term maintenance costs.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$25,000		\$25,000		\$25,000		\$75,000
							\$0
							\$0
							\$0
Total	\$25,000	\$0	\$25,000	\$0	\$25,000	\$0	\$75,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Parks

Project Title Monument and Sculpture Renovation **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Repairing and or restoration of the city sculptures and monuments.

Project Justification: The City of Battle Creek has several monuments and sculptures located in and around the downtown area. In many cases, these structures are over 100 years old. As an example, the city purchased the Indian at Irving Park in 1909. Routine maintenance to these structures has been severely limited due to funding. Many of these are now in need of significant repair and/or restoration to maintain the integrity of the structures.

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
DDA	\$25,000						\$25,000
GF	\$25,000						\$25,000
SF	\$10,000						\$10,000
							\$0
Total	\$60,000	\$0	\$0	\$0	\$0	\$0	\$60,000

Police Department

Project Title BCPD Body Camera's **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Body Camera's needed to keep both officers and citizens safe from litigation issues that can arise within the scope of operations.

Project Justification: The benefits for using body-worn cameras, including better evidence documentation and increased accountability and transparency."

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$125,000						\$125,000
Grant							\$0
							\$0
							\$0
Total	\$125,000	\$0	\$0	\$0	\$0	\$0	\$125,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Police Department

Project Title BCPD Communications Replacement Plan **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replace outdated radios before end of life.

Project Justification: We currently utilize, department wide, Motorola XTS 5000 portable radios and XTL 5000 mobile radios both of which have been discontinued, therefore we have an immediate need to develop a plan to replace our inventory. Motorola's practice is to support their radios as long as parts are available but no longer than 5 years after end of life.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$244,000	\$244,000	\$244,000				\$732,000
							\$0
							\$0
							\$0
Total	\$244,000	\$244,000	\$244,000	\$0	\$0	\$0	\$732,000

Police Department

Project Title BCPD Computer/Video Solution **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Replacement of video equipment over time.

Project Justification: Our computer and video solution is deployed in the Patrol Division and utilized 24/7 per department policy. The goal of this project is to create a consistent budget plan to replace or update our mobile systems and increase the data security of our criminal justice information. The technology comes with a three year warranty. Additional warranty years can be purchased.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$157,500			\$157,500			\$315,000
							\$0
							\$0
							\$0
Total	\$157,500	\$0	\$0	\$157,500	\$0	\$0	\$315,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Police Department

Project Title BCPD Video/Data Storage Solution **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Data storage needed for our new paperless system.

Project Justification: With our increased dependence on video evidence and our attempt to convert to a paperless system, we also have an increase for our data storage. A recent analysis determined our storage needs and supporting hardware based on past practice and current needs

Financing Sources **Paying Fund:** General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$33,334	\$33,334	\$33,334	\$33,334	\$33,334	\$33,334	\$200,004
							\$0
							\$0
							\$0
Total	\$33,334	\$33,334	\$33,334	\$33,334	\$33,334	\$33,334	\$200,004

Recreation

Project Title Binder Park G.C. - Cart Path Improvements **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Repairs/ improvements to cart path infrastructure that will increase use of facilities, decrease maintenance costs, enhance revenues

Project Justification: Increase the course's usability/participation and results in more revenue and decreases maintenance cost

Financing Sources **Paying Fund:** Binder Park Golf Course Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GC	\$100,000	\$100,000	\$100,000				\$300,000
							\$0
							\$0
							\$0
Total	\$100,000	\$100,000	\$100,000	\$0	\$0	\$0	\$300,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Recreation

Project Title Binder Park G.C. - Grounds Equipment **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Grounds Equipment , including mowers for roughs, fairways, greens, tee boxes.

Project Justification: Replacement of old worn out and unrepairable grounds equipment to save time and money.

Financing Sources **Paying Fund:** Binder Park Golf Course Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GC	\$95,000	\$20,000	\$57,000	\$40,000	\$20,000		\$232,000
							\$0
							\$0
							\$0
Total	\$95,000	\$20,000	\$57,000	\$40,000	\$20,000	\$0	\$232,000

Recreation

Project Title Rec. Center Water Park - Concessions Upgrade and Expansion **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: Refurbish/remodel existing concessions facilities including equipment upgrades and the addition of air-conditioning to increase revenues and meet required health and safety standards.

Project Justification: Concession facility expansion and upgrades are needed to ensure that the working conditions and environment meet all required health and safety standards.

Financing Sources **Paying Fund:** Full Blast Endowment Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
FBE		\$125,000					\$125,000
							\$0
							\$0
							\$0
Total	\$0	\$125,000	\$0	\$0	\$0	\$0	\$125,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Transit

Project Title Construct new addition to our Administrative Building **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Construct new addition to our Administrative Building

Project Justification: In addition to our employee breakroom and conference room, our current administrative building serves Dispatch, Operations, Finance, and Management. Our existing footprint allows for an expansion/addition to our existing building with minimal loss of useable property.

Financing Sources Paying Fund: State Funds

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
SF					\$150,000		\$150,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$0	\$150,000	\$0	\$150,000

Transit

Project Title Furnaces replacement in our Maintenance Building **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Remove/replace existing furnaces in our Maintenance Building

Project Justification: The furnaces in our maintenance building were installed in 1995. They are costly to operate and maintain due to their age.

Financing Sources Paying Fund: State Funds

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
SF	\$35,000						\$35,000
							\$0
							\$0
							\$0
Total	\$35,000	\$0	\$0	\$0	\$0	\$0	\$35,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Transit

Project Title Parking lot replacement for complex housing Administrative Building, Maintenance Building, & Vehicle Parking Garage **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Parking lot replacement for complex housing Administrative Building, Maintenance Building, & Vehicle Parking Garage

Project Justification: The parking lot at Battle Creek Transit is over 20 years old and in poor condition. Replacing will help to lower maintenance cost related to filling and patching existing parking lot.

Financing Sources Paying Fund: State Funds

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
SF		\$250,000					\$250,000
							\$0
							\$0
							\$0
Total	\$0	\$250,000	\$0	\$0	\$0	\$0	\$250,000

Transit

Project Title Reapply epoxy flooring for Maintenance Building and Vehicle Parking Garage **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Reapply epoxy flooring for Maintenance Building and Vehicle Parking Garage

Project Justification: The epoxy flooring in our Maintenance Building and Vehicle Parking Garage are aging and in poor condition. Replacing will insure a weather tight facility for many years.

Financing Sources Paying Fund: State Funds

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
SF					\$235,000		\$235,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$0	\$235,000	\$0	\$235,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Transit

Project Title Replacement of exterior security lights with LED units on our Administrative Building, Maintenance Building, and Vehicle Parking Garage **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Replacement of exterior security lights with LED units on our Administrative Building, Maintenance Building, and Vehicle Parking Garage

Project Justification: The current exterior security lights are 23 years old and inefficient. Upgrading the security lights will add to the security and safety of our riders and drivers and may assist to deter crime

Financing Sources Paying Fund: State Funds

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
SF				\$12,000			\$12,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$12,000	\$0	\$0	\$12,000

Transit

Project Title Replacement of our existing roof on our Vehicle Parking Garage **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Replacement of our existing roof on our Vehicle Parking Garage

Project Justification: The roof on the Vehicle Parking Garage was installed in 1995 and is aging and in poor condition. Replacing will insure a weather tight facility for many years.

Financing Sources Paying Fund: State Funds

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
SF				\$55,000			\$55,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$0	\$55,000	\$0	\$0	\$55,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Transit

Project Title Siding, Trim, and Fiberglass foundation replacement on our Administrative Building, Maintenance Building, and Vehicle Parking Garage. **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Siding, Trim, and Fiberglass foundation replacement on our Administrative Building, Maintenance Building, and Vehicle Parking Garage.

Project Justification: The siding, trim, and fiberglass foundation of our Administrative Building, Maintenance Building, and Vehicle Parking Garage are aging and in poor condition. Replacing will insure a weather tight facility for many years.

Financing Sources **Paying Fund:** State Funds

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
SF			\$55,000				\$55,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$55,000	\$0	\$0	\$0	\$55,000

Transit

Project Title Windows, including casing and trim, replacement in Administrative Building **Proposed to be funded?:** No

Community Result Score 3 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Windows, including casing and trim, replacement in Administrative Building

Project Justification: Other than 2 windows in the administrative building, all windows, casing, and trim are 23 years old and are not energy efficient. Replacing these will insure a weather tight facility for many years

Financing Sources **Paying Fund:** State Funds

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
SF			\$90,000				\$90,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$90,000	\$0	\$0	\$0	\$90,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

City Hall Maintenance

Project Title: City Hall Carpet Replacement **Proposed to be funded?:** No

Community Result Score: 4 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: City Hall Carpet Replacement

Project Justification: City Hall's Carpet was installed in the early 80's when the building was remodeled. It's current condition is rough and is worn. There are spots in the 3rd floor employee only area that has holes. It would benefit the employees and the beatification of our historic building to have new carpet put in. I don't have a quote to wok from but I have replaced the carpet in the commission chambers and the conference rooms to I know a rough amount of the cost involved.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF		\$260,000					\$260,000
							\$0
							\$0
							\$0
Total	\$0	\$260,000	\$0	\$0	\$0	\$0	\$260,000

City Hall Maintenance

Project Title: City Hall Commission Chambers and Hallway Painting **Proposed to be funded?:** No

Community Result Score: 4 **Meets Master Plan?:** Yes **New Project?:** No

Project Description: City Hall Commission Chambers and Hallway Painting

Project Justification: All of the paint in City Hall's Commission Chambers and Hallways are peeling and dirty. In the early 80's City Hall was remodeled. This is the last time the commission chambers and hallways were painted. The paint is now drab and dirty. In the commission chambers, the paint on the ceiling is peeling and chipping. Every day there is more paint on the floor that has peeled away from the ceiling. I had the commission chambers quoted at \$24,000 to paint. I didn't have the rest quoted but I'm willing to bet it's about that or more for each floor and stairwell.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
GF	\$100,000						\$100,000
							\$0
							\$0
							\$0
Total	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000

**City of Battle Creek
Capital Projects Detail**

**Fiscal Years 2020-2025
Proposed Capital
Improvement Program**

Sorted by Funded, Community Result Score, Department

Fire Department

Project Title Calhoun County Regional Training Center **Proposed to be funded?:** No

Community Result Score 4 **Meets Master Plan?:** Yes **New Project?:** Yes

Project Description: Utilizing City owned property, construct a Calhoun County Regional Training Center

Project Justification: The Calhoun County Fire Service and the Battle Creek Fire Department currently does not have the ability to conduct any "live fire" training. Industry standards to include the National Fire Protection Association and ISO recommends agency live fire training to be conducted on a semi-annual basis. Our firefighters now utilize working incidents as a training process by default. This model is a safety issue due to the inherent dangers of combat firefighting. Currently, the City owns property on Bedford Rd that would serve well in the capacity for a regional training center, complete with "Class A" burn capability. This facility would be a shared resource for all fire departments within Calhoun County and neighboring jurisdictions. This project would be financed through a grant cost share process.

Financing Sources Paying Fund: General Fund

Funding Source	Project Costs						Total
	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
CIB			\$3,000,000				\$3,000,000
							\$0
							\$0
							\$0
Total	\$0	\$0	\$3,000,000	\$0	\$0	\$0	\$3,000,000

	<u>2019-2020</u>	<u>2020-2021</u>	<u>2021-2022</u>	<u>2022-2023</u>	<u>2023-2024</u>	<u>2024-2025</u>	<u>Total</u>
Subtotals	\$15,354,054	\$38,121,034	\$23,277,134	\$22,006,000	\$20,632,170	\$8,926,334	\$128,316,726

Grand Total	\$36,069,735	\$62,900,848	\$50,233,332	\$45,979,962	\$41,784,471	\$30,846,604	\$267,814,952
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City of Battle Creek

2018-19 Property List

FUND	Building/Location Description	Appraised Building	Suggested Contents	Total Building & Contents	Structures Other Than a Building
General	Fire Station 1 195 East Michigan Avenue	2,459,600	85,000	2,544,600	10,900
General	Fire Station 2 145 North Washington Avenue	1,371,400	30,000	1,401,400	16,000
General	Fire Station 3 222 Cliff Street	1,365,100	36,000	1,401,100	1,700
General	Fire Station 6 2401 SW Capital Avenue	854,500	32,000	886,500	20,000
General	Fire Station 5 1170 West Michigan Avenue	288,100	18,000	306,100	19,800
General	Fire Station 4 8 South 20th Street	776,900	84,000	860,900	25,900
General	Fire Maintenance Building 178 East Van Buren Street	491,000		491,000	
Fire Total				7,891,600	94,300
General	Police Station 34 North Division Street	14,072,000	1,205,000	15,277,000	344,500
General	Office/Storage Building 135 N Washington	2,700,000	165,000	2,865,000	
General	Police ERT/Coldcase 301 Elm Street	1,000,900	400,000	1,400,900	44,500
Police Total				19,542,900	389,000
General	First Tee School 7255 B Drive South	233,800		233,800	
General	Bailey Park Baseball Stadium 1392 Capital Avenue NE	5,550,000	3,000	5,553,000	2,164,900
General	Bailey Park Maintenance Garage 1392 Capital Avenue NE	109,000	6,000	115,000	
General	Bailey Park Concessions - Convis 1350 Capital Avenue NE	168,000	2,200	170,200	
General	Bailey Park Concessions - Flannery 758 East Roosevelt Avenue	168,000	2,200	170,200	
General	Bailey Park Residence (189 Bridge Street) 189 Bridge Street	227,600		227,600	
General	Bailey Park Welcome Center 1392 Capital Avenue NE	161,400		161,400	
General	Bailey Park Restroom Building 1392 Capital Avenue NE	105,700	2,000	107,700	
General	Binder Park Golf Club Clubhouse - Proshop 7255 B Drive South	890,400	69,000	959,400	
General	Binder Park Golf Club Cart Barn 7255 B Drive South	163,300		163,300	
General	Binder Park Golf Club Pump Station 7255 B Drive South	61,500		61,500	
General	Binder Park Golf Club Storage Building 7255 B Drive South	146,600	35,000	181,600	
General	Full Blast Recreation Center 35 West Hamblin Avenue	14,163,900	1,000,000	15,163,900	1,010,000
Recreation Total				23,268,600	3,174,900
General	City Hall 10 North Division Street	16,917,000	4,379,000	21,296,000	30,300
City Hall Total				21,296,000	30,300
General	Valentine Center 311 North Ave	1,121,300		1,121,300	22,000

City of Battle Creek

2018-19 Property List

FUND	Building/Location Description	Appraised Building	Suggested Contents	Total Building & Contents	Structures Other Than a Building
General	Claude Evans Park Shelter North Washington Avenue	113,300		113,300	124,400
General	Willard Beach Bath House 50 George B Place	239,200		239,200	72,500
General	Willard Beach Picnic Shelter 50 George B Place				227,000
General	Willard Beach Restroom Building 50 George B Place	76,300		76,300	
General	Fell Park Pavilion-Restrom Building East Willard Avenue	99,800		99,800	109,900
	Parks Total			1,649,900	555,800
Streets	Garage/Storage 135 N Washington	500,000	93,000	593,000	
	Streets Total			593,000	
Kellogg Arena / Parking	Kellogg Areana - Parking Garage 34-36 Hamblin Avenue	29,976,100	2,380,000	32,356,100	62,100
	Kellogg Arena & Hamblin Ramp Total			32,356,100	62,100
Airport	WK Kellogg Airport Adn/Operations & Maintenance Bldg 15551 South Airport Road	7,149,600	1,557,000	8,706,600	1,305,500
Airport	WK Kellogg Airport Kellogg Hangar (16101 South Airport Rd) 16101 South Airport Road	2,428,300		2,428,300	
Airport	WK Kellogg Airport T-Hangars (125 North Helmer Road,) 125 North Helmer Road	540,000	36,000	576,000	
Airport	WK Kellogg Airport T-Hangars (127 North Helmer Road,) 127 North Helmer Road	798,000		798,000	
Airport	WK Kellogg Airport T-Hangars (129 North Helmer Road) 129 North Helmer Road	502,500		502,500	
Airport	WK Kellogg Airport T-Hangars (2870 Territorial Road,) South Airport Road	402,000		402,000	
Airport	WK Kellogg Airport Balloonfest Building (3140 Fifth Avenue) 3140 Fifth Avenue	254,000		254,000	
Airport	WK Kellogg Airport Power Vault (3160 Sixth Avenue) 3160 Sixth Avenue	556,500	68,000	624,500	
Airport	WK Kellogg Airport Air Traffic Control Tower 15551 South Airport Road	4,264,300	1,750,000	6,014,300	
Airport	WK Kellogg Airport FAA Hangar (16085 South Airport Rd) 16085 South Airport Road	4,848,000	46,000	4,894,000	
	Airport Total			25,200,200	1,305,500
Parking	Parking Ramp 80 W. Michigan Ave	16,726,000		16,726,000	246,600
Parking	Riverwalk Parking Deck 38 West Jackson Street				3,393,500
	Parking Total			16,726,000	3,640,100
General	Battle Creek Transportation Center 119 South McCamly Street	2,108,700		2,108,700	7,700
Transit	Battle Creek Transit Tranist Adnistration Building 339 West Michigan Avenue	589,500	45,000	634,500	
Transit	Battle Creek Transit Transit Building 345 West Michigan Avenue	1,131,000	115,000	1,246,000	11,800

City of Battle Creek

2018-19 Property List

FUND	Building/Location Description	Appraised Building	Suggested Contents	Total Building & Contents	Structures Other Than a Building
Transit	Battle Creek Transit Transit Maintenance Building 20 Cass Street South	828,200	500,000	1,328,200	
Transit Total				5,317,400	19,500
Sewer	Wastewater Treatment Plant Grit Chamber 2000 West River Road				628,600
Sewer	Wastewater Treatment Plant Clarifier 3 1676-1680 River Road West				840,400
Sewer	Wastewater Treatment Plant Clarifier 4 2000 West River Road				840,400
Sewer	Wastewater Treatment Plant Clarifier 5 2000 West River Road				1,273,200
Sewer	Wastewater Treatment Plant Clarifier 6 2000 West River Road				1,273,200
Sewer	Wastewater Treatment Plant I and E Building 2000 West River Road	179,200		179,200	
Sewer	Wastewater Treatment Plant RAE Sludge Pump Station 2000 West River Road	222,500		222,500	
Sewer	Wastewater Treatment Plant Settle Sewage Booster Station 2000 West River Road	2,076,400		2,076,400	
Sewer	Wastewater Treatment Plant East Aeration Blower Building 2000 West River Road	2,362,800		2,362,800	
Sewer	Wastewater Treatment Plant East Aeration Basin 2000 West River Road				7,120,100
Sewer	Wastewater Treatment Plant West Aeration Blower Building 2000 West River Road	2,794,700		2,794,700	
Sewer	Wastewater Treatment Plant West Aeration Basin 2000 West River Road				13,984,500
Sewer	Wastewater Treatment Plant Secondary Clarifier 1 2000 West River Road				1,273,200
Sewer	Wastewater Treatment Plant Secondary Clarifier 2 2000 West River Road				1,273,200
Sewer	Wastewater Treatment Plant Secondary Clarifier 3 2000 West River Road				1,273,200
Sewer	Wastewater Treatment Plant Secondary Clarifier 4 2000 West River Road				1,273,200
Sewer	Wastewater Treatment Plant Secondary Clarifier 5 2000 West River Road				1,795,500
Sewer	Wastewater Treatment Plant Secondary Clarifier 6 2000 West River Road				1,795,500
Sewer	Wastewater Treatment Plant Secondary Clarifier 7 2000 West River Road				1,795,500
Sewer	Wastewater Treatment Plant RAS Building 1754-1810 River Road West	767,500		767,500	
Sewer	Wastewater Treatment Plant Chlorine Contact Chamber 2000 River Road West				1,403,800

City of Battle Creek

2018-19 Property List

FUND	Building/Location Description	Appraised Building	Suggested Contents	Total Building & Contents	Structures Other Than a Building
Sewer	Wastewater Treatment Plant Operations Building 2000 River Road West	2,169,600	125,000	2,294,600	
Sewer	Wastewater Treatment Plant North Dome 2000 River Road West				2,042,700
Sewer	Wastewater Treatment Plant Industrial Laboratory 2000 River Road West	280,000	40,000	320,000	
Sewer	Wastewater Treatment Plant Solids Handling Building 2000 River Road West	11,603,100	70,000	11,673,100	
Sewer	Wastewater Treatment Plant Odor Control and Sludge Storage 2000 River Road West				1,438,500
Sewer	Wastewater Treatment Plant South Dome 2000 River Road West				2,050,000
Sewer	Wastewater Treatment Plant Recirculation Building 2000 River Road West	133,000		133,000	
Sewer	Wastewater Treatment Plant Sludge Cake Loading Building 2000 River Road West	3,364,000		3,364,000	
Sewer	Wastewater Treatment Plant Recirculation Tank 2000 River Road West				486,000
Sewer	Lift Station S-121 (Convis) 1080 Capital Ave NE				78,000
Sewer	Lift Station (Michigan Avenue 2) Lift Station E39 1931 East Michigan Avenue				290,300
Sewer	Lift Station (South 24th Street) Lift Station O1 176 South 24th Street	427,900		427,900	17,800
Sewer	Lift Station (Sixth Avenue) Lift Station B72 633 Sixth Avenue	241,800		241,800	
Sewer	Lift Station (8 1/2 le Road) Lift Station E43 13831 8 1/2 le Road				115,800
Sewer	Lift Station (Hill Brady Road) Lift Station O96 950 Hill Brady Road				215,200
Sewer	Lift Station (Ashland Avenue) Lift Station B61 52 Ashland Avenue				74,300
Sewer	Lift Station (Bauman Road) Lift Station T100 Bauman Road 399 1/2 St. Marys Lake Rd				102,200
Sewer	Lift Station (Lynwood Drive) Lift Station L10 99 Lynwood Drive				81,500
Sewer	Lift Station (Beadle Lake Road1) Lift Station O30 13630 Beadle Lake Road				189,400
Sewer	Lift Station (Beadle Lake Road2) Lift Station O27 30 Beadle Lake Road				241,000
Sewer	Lift Station (Beadle Lake Road3) Lift Station O29 13433 Beadle Lake Road				186,300
Sewer	Lift Station (Camron Drive) Lift Station L14 167 Camron Drive				152,000

City of Battle Creek

2018-19 Property List

FUND	Building/Location Description	Appraised Building	Suggested Contents	Total Building & Contents	Structures Other Than a Building
Sewer	Lift Station (Chappel Hill Drive) Lift Station L6 207 Chappel Hill Drive				179,200
Sewer	Lift Station (Charles East Place) Lift Station L7 41 Charles East Place				177,300
Sewer	Lift Station (Columbia Avenue) Lift Station L3 3919 West Columbia Avenue				344,400
Sewer	Lift Station (Columbia Heights) Lift Station O64 Columbia Heights - 931 Columbia Ave E				347,500
Sewer	Lift Station (Country Club Terrace) Lift Station L5 243 Country Club Terrace				161,800
Sewer	Lift Station (Dickman Road) Lift Station B56 216 West Dickman Road				237,900
Sewer	Lift Station (Dream Drive) Lift Station O19 311 Dream Drive				310,300
Sewer	Lift Station (East Michigan Avenue) Lift Station X37 1025 East Michigan Avenue				330,500
Sewer	Lift Station (Eden Road) Lift Station O24 239 Eden Road				246,500
Sewer	Lift Station (Edgebrook Drive) Lift Station O2 124 Edgebrook Drive	581,800		581,800	14,300
Sewer	Lift Station (Eel Street) Lift Station L18 368 Eel Street				145,000
Sewer	Lift Station (Dickman Road) Lift Station O66 5700 West Dickman Road				192,800
Sewer	Lift Station (Golden Avenue) Lift Station L13 400 Golden Avenue				169,100
Sewer	Lift Station (Capital Avenue) Lift Station O17 911 Capital Avenue				225,800
Sewer	Lift Station (Goodale Avenue) Lift Station B63 185 West Goodale Avenue				150,100
Sewer	Lift Station (Harmonia Road) Lift Station L36 1198 Harmonia Road				148,600
Sewer	Lift Station (Beadle Lake Road) Lift Station E42 941 Beadle Lake Road				83,100
Sewer	Lift Station (Jackson Street) Lift Station S60 950 Jackson Street West				155,200
Sewer	Lift Station (Jennings Road) Lift Station L16 1101 Lakeshore Drive				141,200
Sewer	Lift Station (Kelly Avenue) Lift Station B59 85 Kelly Avenue				347,900
Sewer	Lift Station (Lake Front Drive) Lift Station L4 91 Lake Front Drive				188,600
Sewer	Lift Station (Main Street) Lift Station O28 703 Main Street				225,700

City of Battle Creek

2018-19 Property List

FUND	Building/Location Description	Appraised Building	Suggested Contents	Total Building & Contents	Structures Other Than a Building
Sewer	Lift Station (East Michigan Avenue) Lift Station X38 1075 East Michigan Avenue				321,100
Sewer	Lift Station (nges Brook) Lift Station O15 1970 Capital Avenue	343,000		343,000	
Sewer	Lift Station (National Guard) Lift Station B67 16840 West Dickman Road				192,600
Sewer	Lift Station (Parkshore) Lift Station E45 197 Parkshore Drive				114,300
Sewer	Lift Station (Prospect Place) Lift Station L11 748 Prospect Place				174,200
Sewer	Lift Station (Raymond Road) Lift Station O31 966 North Raymond Road				217,600
Sewer	Lift Station (Lavista Avenue) Lift Station L8 271 South La Vista Avenue				164,500
Sewer	Lift Station (Columbia Avenue) Lift Station L9 4763 West Columbia Avenue				315,700
Sewer	Lift Station (Union Street) Lift Station B68 290 Union Street South				236,100
Sewer	Lift Station (Viking Drive) Lift Station O22 261 Viking Drive				184,200
Sewer	Lift Station (Woodgate Road) Lift Staion S65 699 Woodgate Road				155,900
Sewer	Lift Station (York Avenue) Lift Station L12 140 York Avenue				132,600
Sewer	Lift Station (Windemere Street) Lift Station L127 310 Windemere Street				109,700
Sewer	Lift Station (Roosevelt Avenue) Lift Station L128 393 East Roosevelt Avenue				88,300
Sewer	Lift Station (Abbingtion Circle) Lift Station L129 168 Abbingtion Circle				105,500
Sewer	Lift Station (River Road) Lift Station L130 3879 West River Road				162,100
Sewer	Lift Station (Willard Beach) Lift Station X79 Willard Beach				47,200
Sewer	Lift Station (St. Mary's Lake Road) Lift Station X89 272 St. Mary's Lake Road				42,500
Sewer	Lift Station (Breckenridge Lake) Lift Station S120 32 Breckenridge Lane				106,300
Sewer	Lift Station (6 1/2 le Road-13100) Lift Station E122 13100 6 1/2 le Road				124,000
Sewer	Lift Station (6 1/2 le Road-13785) Lift Station E123 13785 6 1/2 le Road				146,000
Sewer	Lift Station 6 1/2 le Road-14400 Lift Station 14400 6 1/2 le Road				186,600

City of Battle Creek

2018-19 Property List

FUND	Building/Location Description	Appraised Building	Suggested Contents	Total Building & Contents	Structures Other Than a Building
Sewer	Liftstation (6 1/2 le Road-15154) Lift Station O125 15154 6 1/2 le Road				171,300
Sewer	Washington Street Radio Radio Tower South Washington St & Rittenhou				56,400
Sewer	Lift Station (North Street Mary's Lake Road)				109,000
Sewer	Lift Station (Fountain Street) Lift Station B57 78 East Fountain Street				105,400
Sewer	Lift Station (Oneita Street) Lift Station Building B69 315 Oneita Street				62,800
Sewer	Lift Station (Morgan Avenue) Lift Station S62 31 Morgan Avenue West				57,900
Sewer	Lift Station (Hanna Street) Lift Station Building B58 75 Hannah Street				141,200
Sewer	Lift Station (Helmer Road) Lift Station B73 247 Helmer Road North				123,500
Sewer	Lift Station (Beaver Dam Road) Lift Station L35 16 Beaver Dam Road				94,800
Sewer	Lift Station (Honey Lane 1) Lift Station X75 285 Honey Lane				45,500
Sewer	Lift Station (Honey Lane 2) Lift Station X84 167 Honey Lane				47,700
Sewer	Lift Station (Goguac Road) Lift Station X76 1331 West Goguac Road				50,100
Sewer	Lift Station (Breezy Bluff) Lift Station X77 5478 George Street				47,000
Sewer	Lift Station (Fern Park) Lift Station Building S52 1231 Beadle Lake Road				49,300
Sewer	Lift Station (Beadle Lake Road) Lift Station S53 1365 Beadle Lake Road				54,000
Sewer	Monroe Beach Lift Station Building S41 1671 Beadle Lake Road				96,800
Sewer	Lift Station (East Drive) Lift Station Building E44 7523 E Drive North				91,400
Sewer	Lift Station (Kistler Road) Lift Station E32 3072 Beadle Lake Road				84,800
Sewer	Lift Station (Council Crest) Lift Station Building S47 4111 Council Crest Circle				98,700
Sewer	Lift Station (Grand Castle) Lift Station Building S51 121 Grand Castle Terrace				54,000
Sewer	Lift Station (Golden Avenue) Lift Station Building S46 622 Golden Avenue				90,000
Sewer	Lift Station (Olive Road) Lift Station S48 1200 Olive South				131,300

City of Battle Creek

2018-19 Property List

FUND	Building/Location Description	Appraised Building	Suggested Contents	Total Building & Contents	Structures Other Than a Building
Sewer	Lift Station (Princetown Avenue) Lift Station S55 236 North Princeton Avenue				57,100
Sewer	Lift Station (Bowers Street) Lift Station S54 539 Bowers Street East				52,400
Sewer	Lift Station (Electric Avenue) Lift Station S49 331 Electric Avenue				121,800
Sewer	Lift Station (Il Street) Lift Station S50 3 Il Street				95,700
Sewer	Lift Station (Hawthorne Avenue) Lift Station S33 331 Hawthorne Avenue				163,700
Sewer	Lift Station (Chambers Street) Lift Station E34 31 Chambers Street				86,600
Sewer	Lift Station (Wanodoger) Lift Station P20 105 Wanodoger Street				205,600
Sewer	Lift Station (Borden Drive) Lift Station P21 224 Borden Drive				125,300
Sewer	Lift Station (MEA) Lift Station P25 202 St. Mary's Lake Road				171,500
Sewer	Lift Station (Dickman Road) Lift Station B70 15500 West Dickman Road				143,500
Sewer	Lift Station (St. Mary's Lake 1) Lift Station Building X80 107 St. Mary's Lake Road				47,200
Sewer	Lift Station (St. Mary's Lake 2) Lift Station Building X81 St. Mary's Lake 2 - 123				48,800
Sewer	Lift Station (St. Mary's Lake 3) Lift Station Building X82 St. Mary's Lake 3 - 131				42,500
Sewer	Lift Station (St. Mary's Lake 4) Lift Station Building X83 St. Mary's Lake 4 - 145				45,700
Sewer	Lift Station (St. Mary's Lake 5) Lift Station Building X84 St. Mary's Lake Road				41,800
Sewer	Lift Station (St. Mary's Lake 6) Lift Station Building X85 St. Mary's Lake 6 - 172				44,100
Sewer	Lift Station (St. Mary's Lake 7) Lift Station Building X86 123 St. Mary's Lake Road				47,200
Sewer	Lift Station (St. Mary's Lake 8) Lift Station Building X87 123 1/2 St. Mary's Lake Road3				56,600
Sewer	Lift Station (St. Mary's Lake 9) Lift Station Building X88 105 St. Mary's Lake Road				44,100
Sewer	Lift Station (St. Mary's Lake 11) Lift Station Building X90 154 1/2 St. Mary's Lake Road				44,100
Sewer	Lift Station (St. Mary's Lake 12) Lift Station Building X91 254 1/2 St. Mary's Lake Road				44,100
Sewer	Lift Station (Base Avenue) Lift Station X95 100 Base Avenue				117,500

City of Battle Creek

2018-19 Property List

FUND	Building/Location Description	Appraised Building	Suggested Contents	Total Building & Contents	Structures Other Than a Building
Sewer	Lift Station (F Drive) Lift Station S97 10301 F Drive North				168,200
Sewer	Lift Station (Buckner Drive) Lift Station L98 400 Buckner Drive				193,700
Sewer	Lift Station (Washington Avenue) Lift Station T99 760 North Washington Avenue				139,900
Sewer	Lift Station Halladay Lift Station T101 115 1/2 Halladay Drive				120,800
Sewer	Lift Station (Bedford 1) Lift Station X102 275 1/2 Hibbard Street				51,200
Sewer	Lift Station (Bedford 2) Lift Station X103 276 1/2 Carpenters Cove				41,800
Sewer	Lift Station (Bedford 3) Lift Station X104 285 1/2 Carpenters Cove				41,800
Sewer	Lift Station (Bedford 4) Lift Station X105 303 1/2 Carpenters Cove				41,800
Sewer	Lift Station (Bedford 5) Lift Station X106 20801 1/2 Carpenter Drive				58,500
Sewer	Lift Station (Bedford 6) Lift Station X107 332 1/2 Carpenter Drive				68,000
Sewer	Lift Station (Bedford 7) Lift Station X108 350 1/2 Carpenter Drive				51,400
Sewer	Lift Station (Bedford 9) Lift Station X109 510 1/2 Sylvan Drive				43,400
Sewer	Lift Station (Bedford 10) Lift Station X110 520 1/2 Sylvan Drive				48,800
Sewer	Lift Station (Bedford 11) Lift Station Building 530 1/2 Sylvan Drive				41,800
Sewer	Lift Station (Bedford 12) Lift Station X112 532 1/2 Sylvan Drive				44,100
Sewer	Lift Station (Bedford 13) Lift Station Building 657 1/2 Sylvan Drive				45,100
Sewer	Lift Station (Bedford 14) Lift Station X114 701 Sylvan Drive				59,700
Sewer	Lift Station (Bedford 15) Lift Station X115 446 1/2 Sylvan Drive				64,900
Sewer	Lift Station (Pine Knoll) Lift Station S117 530 Pine Knoll				165,300
Sewer	Lift Station (State Street) Lift Station B118 135 East State Street				151,600
Sewer	Bailey Park Lift Station X119 C.O. Brown - Bailey Park				58,500
Sewer	Lift Station (Beadle Lake Road) Lift Station E40 1111 Woodland Beach Road				88,900

City of Battle Creek

2018-19 Property List

FUND	Building/Location Description	Appraised Building	Suggested Contents	Total Building & Contents	Structures Other Than a Building
Sewer	Lift Station Building E-126 1310108 1/2 le Road(8 1/2 le / Golden)				116,000
Sewer	Lift Station Building L-131 164 Stonegate Lot 12				108,000
Sewer	Lift Station Building S-132 1626 Avenue A				132,000
Sewer	Lift Station Building Private 436 Porter Street (Sweetener Ternal)				78,000
Sewer	Lift Station Building 6385 B Drive N (PVT Aspen Dental/AT&T)				78,000
Sewer	Wastewater Treatment Plant Administration Building 2000 West River Road	4,695,100	350,000	5,045,100	179,800
Sewer	Wastewater Treatment Plant Headworks Building 2000 River Road West	2,761,000		2,761,000	
Sewer Total				35,588,400	59,645,100
Water	Water Maintenance Shed 252 Bridgen Dr.	99,000	104,000	203,000	
Water	LSB 26 South 20th Street	189,400	22,000	211,400	37,800
Water	Pump House (Eldred Street) 5M Gallon Water Tank 134 Eldred Street				2,950,000
Water	Pump House (Eldred Street) 3.8M Gallon Water Tank 130 Eldred Street				2,203,800
Water	Pump House (Eldred Street) 134 Eldred Street	281,100		281,100	
Water	Pump House 5 Adj, to 2410 W. Columbia	60,840		60,840	
Water	Pump House 7 Adj, to 2410 W. Columbia	63,448		63,448	
Water	Booster Station (Helmer Road) 281 Helmer RoadNorth	1,152,900		1,152,900	152,700
Water	Booster Station (Clark Road) 53 Clark Road	68,400		68,400	
Water	Hill Brady RoadWater Tower 1000 Hill Brady Road				2,852,000
Water	Kellogg RoadWater Tower 311 Kellogg Road				2,871,000
Water	Gethings RoadWater Tower 277 Gethings Road				4,565,000
Water	Beckly RoadPump Station 1.5M Gallon Water Tank 5230 Beckley Road				1,312,100
Water	Verona Pump Station Pump Station 250-251 Brigden Drive	13,950,000	175,000	14,125,000	949,600
Water	Verona Pump Station RIM Building 250-251 Brigden Drive	26,190,000	100,000	26,290,000	
Water	Switchgear Verona - 500 ft South of 250 Brigden	227,000		227,000	
Water	Pump House 13 Well Field	69,000		69,000	
Water	Pump House 14 200 Bridge Street	64,900		64,900	
Water	Pump House 15 Across from the river	64,900		64,900	
Water	Pump House 17 Well Field	64,900		64,900	
Water	Pump House 18 Brigden Dr.	68,000		68,000	
Water	Pump House 19 Well Field	69,000		69,000	

City of Battle Creek

2018-19 Property List

FUND	Building/Location Description	Appraised Building	Suggested Contents	Total Building & Contents	Structures Other Than a Building
Water	Pump House 20 Well Field	72,500		72,500	
Water	Pump House 21 Well Field	70,000		70,000	
Water	Pump House 22 Well Field	48,959		48,959	
Water	Pump House 23 Well Field	65,000		65,000	
Water	Pump House 24 Well Field	67,000		67,000	
Water	Pump House 25 Well Field	66,000		66,000	
Water	Pump House 26 Well Field	63,000		63,000	
Water	Pump House 27 Well Field	64,000		64,000	
Water	Pump House 28 Well Field	66,000		66,000	
Water	Pump House 29 Brigden Dr.	68,000		68,000	
Water	Pump House 30 311 Kellogg Street	62,900		62,900	
Water	Pump House 36 Well Field	68,000		68,000	
Water	Pump House 37 Well Field	68,000		68,000	
Water	Pump House 38 Well Field	68,000		68,000	
Water	Pump House 39 Well Field	68,700		68,700	
Water	Pump House 40 Well Field	68,000		68,000	
Water	Pump House 41 Well Field	68,000		68,000	
Water	Pump House 42 Well Field	73,000		73,000	
Water	Pump House 43 Well Field	73,000		73,000	
Water	Pump House 47 Well Field	74,500		74,500	
Water	Pump House 48 Well Field	74,500		74,500	
Water	Pump House 49 Well Field	74,500		74,500	
Water	Pump House 50 Well Field	74,500		74,500	
Water	Pump House 51 Well Field	74,500		74,500	
Water	Pump House 52 Well Field	74,500		74,500	
Water	Pump House 53 250 Brigden Drive	74,500		74,500	
Water	Radio Building 1125 W. Territorial	9,487		9,487	
Water	Pole Barn (Territorial Road) 2582 East Airport Road	209,100		209,100	1,100
Water	Pump House 44 Well Field	74,500		74,500	
Water	Pump House 45 Well Field	74,500		74,500	
Water	Pump House 46 Well Field	74,500		74,500	
Water	Pump House 54 Well Field	74,500		74,500	
Water	Beckly Road Pump Station 5230 Beckley Road	242,600		242,600	16,200

City of Battle Creek

2018-19 Property List

FUND	Building/Location Description	Appraised Building	Suggested Contents	Total Building & Contents	Structures Other Than a Building
Water Total				45,632,534	17,911,300
Equipment Center	Equipment Center 154 Kendall Street South	3,840,000	543,000	4,383,000	22,000
Equipment Center	Public Works 150 Kendall Street South	11,354,900	2,250,000	13,604,900	491,100
Equipment Center	Public Works Kesam Building (Storage Only) 150 Kendall Street South	309,000	10,000	319,000	
DPW Total				18,306,900	513,100
Self-Insurance	Commerce Pointe Office Building 77 Michigan Avenue	7,320,000	15,000	7,335,000	4,600
Self-Insurance	Kingman Museum 175 Limit Street	2,190,500		2,190,500	2,400
Self-Insurance	CIR Community Inclusive Recreation 331 Jackson Street West	1,053,500		1,053,500	
Self-Insurance Total				10,579,000	7,000
Totals		\$246,001,134	\$17,947,400	\$263,948,534	\$87,348,000