



OSHTEMO CHARTER TOWNSHIP

CAPITAL IMPROVEMENT PLAN 2018 - 2023

Adopted November 14, 2017

ACKNOWLEDGMENTS

CHARTER TOWNSHIP OF OSHTEMO BOARD OF TRUSTEES

Elizabeth Heiny-Cogswell, Supervisor

Dusty Farmer, Clerk

Nancy Culp, Treasurer

Deb Everett, Trustee

Dave Bushouse, Trustee

Zak Ford, Trustee

Ken Hudok, Trustee



OTHER OSHTEMO BOARDS AND COMMISSIONS

Planning Commission

Zoning Board of Appeals

Downtown Development Authority

Capital Improvement Committee

South Drake Road Corridor Improvement Authority

Friends of the Parks

OTHERS CONTRIBUTING TO THIS REPORT

Mark Barnes, Fire Chief

Kristine Biddle, Township Assessor

Steve Bryer, Siegfried Crandell, CPA

Ben Clark, GIS Mapping

Marc Elliott, P.E., Public Works Director

Rick Everett, Maintenance Supervisor

Karen High, Parks Director

Julie Johnston, AICP, Planning Director

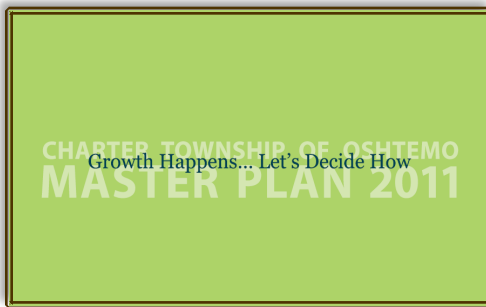
James Porter, Township Attorney

TABLE OF CONTENTS

Plan Narrative	01
General Overview.....	02
Capital Improvements	03
Sources of Funds	04
Projecting Future Funds	05
Capital Improvement Plan Process	06
Capital Improvement Plan Goals.....	06
Summary Tables	07
Capital Improvement Plan Summary Tables.....	09
Capital Expenditures.....	18
General Projects.....	18
Maintenance Replacement.....	21
Public Works Capital Projects	22
Non-Motorized Facilities	25
Road Improvements	32
Sanitary Sewer	33
Water	39
Park Improvements	44
Fire Equipment and Facilities	49

PLAN NARRATIVE

With the passage of the Michigan Planning Enabling Act (MPEA - PA 33 of 2008, as amended), communities with public water or sewer are required to prepare Capital Improvement Plans (CIPs). More specifically, local jurisdictions are charged with the task of adopting CIPs that connect, in a meaningful way, to local planning documents like the Township’s Master Plan.



Vision for the Township

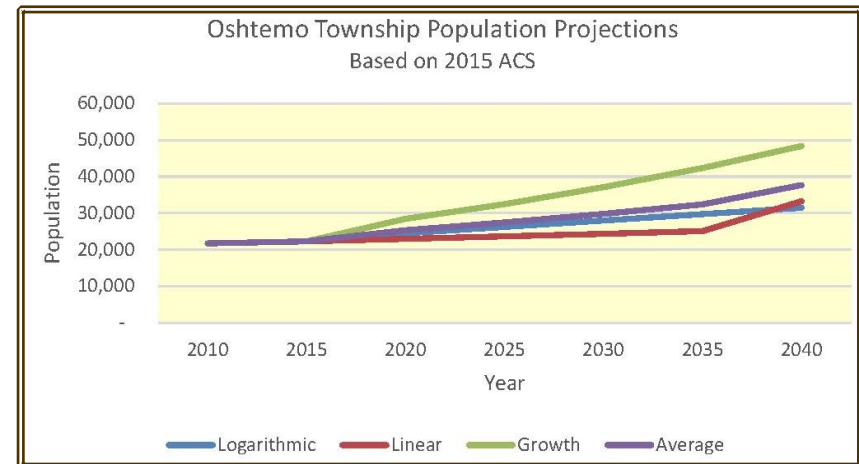
The Enabling Act allows communities to utilize their Planning Commissions to develop the CIP unless such responsibility was removed by the jurisdictions legislative body. Oshtemo Township has elected to complete capital improvement planning at the

Township Board level. Traditionally, this is done as part of the overall annual budgeting process.

Along with past perennial capital planning efforts, the Township also developed 20 year sewer and water plans, a long term fire equipment plan, a comprehensive non-motorized plan, a five year park plan, and the overarching Township Master Plan. These various planning documents has enabled Oshtemo Township to create the building blocks necessary to compile a comprehensive Capital Improvement Plan for the period spanning 2018 to 2023.

Working closely with Township staff, the Township Board has created a plan that draws not only from numerous planning documents, but also includes an updated five year financial analysis offering in-depth descriptions of the entirety of the Township’s capital projects.

Capital improvement planning is not only prompted by the 2008 MPEA, but by ongoing planning drivers that influence Township decisions. Oshtemo experienced a population increase in recent years, which has made comprehensive capital planning a necessity if the Township is to continue to meet the needs of its residents. The 2010 Census documented a 27 percent population increase and an additional three percent was indicated in the recent 2015 American Community Survey estimates. This population growth has benefited the Township with an increase in mandated state revenue.



Population projections for Oshtemo Township

Since 2010, numerous capital projects have been successfully completed, including extensive park redevelopments and expansions of the Township's non-motorized transportation network, improving connectivity near major population centers and along key traffic corridors. In addition, a mandatory connection policy for sanitary sewer was adopted by the Township Board in 2016. The Township is in the process of securing funds to extend sanitary sewer into existing neighborhoods. The plans for these extensions are outlined in the Sewer capital improvement section of this Plan.



Picnic Pavilion at Township Park

Although much has been accomplished in Oshtemo with regards to the successful implementation of past capital projects, the Township is eager to achieve all of its goals, and this six year plan is an important stepping stone towards success. In this document, the details of the CIP are described and additional information is provided regarding the process and rationale for the selections. Then, tables are furnished detailing the specifics

projects for 2018 and the five additional years of the Plan. Maps and information on all proposed projects are included.

GENERAL OVERVIEW

The purpose of the Capital Improvement Plan is to develop intermediate action steps for achieving key objectives in the community.



Fire Station 2 - 3500 South 6th Street: Built in 2000

The Township created this Plan in compliance with the MPEA to further implement the vision identified in the Township's Master Plan. These capital projects are one of the primary means by which the Township can influence and effect the vision of the community without complete reliance on the private sector. Indeed, capital investments for infrastructure extensions (roads and utilities) often become the backbone that encourages private investment and redevelopment within areas articulated in the community's Master Plan.

With a vision, however, come expectations and costs. The Master Plan identifies the vision, but the means necessary to achieve it are left mostly unstated. The CIP assigns costs to the vision, quantifies the expectations, and presents an annual plan for getting closer to the desired end goal. It is then utilized by the Township Board during the annual budget preparation process to ensure resources are allocated in a manner consistent with the vision of the community.

Capital expenditures are projects that generally do not occur on an annual basis. They are large expenses that are either financed over several years or are paid for after several years of saving. They can include vehicle purchases, infrastructure projects, construction or acquisition, or other substantial purchases



Playground Equipment at Flesher Field.

or maintenance projects. By planning ahead over the course of six years, the Township can ensure that its resources are being used most efficiently, adequate funds are being saved for desired future projects, and any emergency expenditures that may arise throughout the year can be accommodated without sacrificing future goals.

By scheduling these projects over a six year span and laying them out prior to and during the budgeting process, their imple-

mentation is more easily realized, their financing is secured, and the Township is better prepared to capitalize on future funding opportunities.

In that sense, this document really is a *plan*, and it is best viewed as such. It is not a mandate, and these are not requirements. As a plan, it sets forth a guide for achieving certain objectives. It will be updated annually and future designations can be changed as the objectives evolve and their costs are reevaluated. As will be illustrated, adequate funds are not available to support all projects in the CIP. Therefore alternative revenue sources will need to be found in the later years of the CIP's timeframe to support the desired goals, or projects will need to be shifted to a future date or dropped from the plan.

CAPITAL IMPROVEMENTS

When considering capital improvements in the Township, there are several broad categories within which the vast majority of projects will fit. Organizing them into the categories listed below is beneficial not only for the purpose of developing the list of capital projects but also for considering the funding sources.

- General Projects
- Public Works
 - Non-motorized Facilities
 - Roads
 - Sanitary Sewer
 - Water
- Parks
- Fire Equipment

SOURCES OF FUNDS

One of the unique elements of capital improvement planning is that projects in different categories have different rules in terms of how they can be funded, and the various funds that are used have different rules in terms of the types of projects that they can be applied.



Engine 521 - 1999 Pierce Pumper

Capital improvements for the Fire Department are primarily funded through a special assessment along with possible grants obtained for specific equipment

purchases. The special assessment is levied Township-wide at 2.50 mills. This represents a consistent, annual source of revenue for this department and is spent on both operating and capital expenses. Traditionally, about 80 percent is spent on operating and 20 percent on capital expenses. However, depending on the year and the particular associated capital expenses, the percentage may shift.

The primary focus of the capital funds has been on vehicle expenses – maintenance and replacement. Building maintenance and expansion is also covered by the capital funds, but little funding remains after the vehicle program is considered. Because this is a dedicated millage, these funds cannot be used for other projects outside the Fire Department.

The Park Fund does not have a dedicated revenue stream other than fees collected for the rental of facilities in the parks, such as pavilions, the Community Center, and the Grange Hall. Primary sources of revenue for the parks include transfers from the General Fund, grants and donations. The Oshtemo Friends of the Park kicked off a capital campaign in the summer of 2016 with a goal of raising approximately \$500,000 for the Drake Farmstead improvements. The Township Board allocated \$250,000 of these funds, supporting the Friends of the Park in reaching their goal.

Sanitary sewer and water projects are the two most complicated categories with regards to funding. Fees are paid when properties connect to the utility networks which are then used to pay for the infrastructure. In addition, a surcharge is added to monthly utility bills, which is provided to the Township to defray the significant maintenance costs associated with the systems.



Sewer Project Example

Revenues for the Sewer and Water Funds are increased through these fees as well as through transfers from the General Fund, which primarily occurs in anticipation of a substantial infrastructure project. As connections are made to the new infrastructure, the fund is replenished, and a new project can be proposed and executed.

General Fund projects include buildings and grounds, non-motorized facilities, roads, and other capital projects. Although primarily financed through the General Fund, such projects may also rely upon grants, donations, and special assessments. In terms of roads, the Road Commission of Kalamazoo County (RCKC) receives roadway maintenance funds from the State of Michigan based on the number and use of the roads in the Township. For Primary Roads, the costs for improvement and maintenance are borne by the RCKC.



Local Township Road

A portion of the state funding may be used to maintain Local Roads. RCKC has established a self-described Local Road Participation (PAR) Fund whereby they will participate in the maintenance and improvement of Local Roads if the offered PAR funds are matched dollar for dollar by the Township. Drawing from the General Fund, the Township has traditionally exceeded the minimum required matched necessary to secure the offered PAR funding.

PROJECTING FUTURE FUNDS

It is challenging to accurately project what future revenues will be available for Oshtemo over the next six years, even within such a seemingly brief time frame. Predicting property values, which dictate property tax revenue for the Township, can be difficult. State revenue sharing, another important source of Township funding, is dependent upon the amount of sales tax revenue taken in by the State of Michigan, which is in turn greatly influenced by prevailing economic conditions in the state.

Nonetheless, the CIP tables provide an estimate of future revenues for the next six years using reasonable assumptions for each of the principle revenue sources, the largest of which is revenue sharing, followed by property taxes. In consultation with the Township Assessor, data indicates that taxable values in the Township have increased between 1.5 and 2.5 percent in recent years and it has been determined that future taxable property values are forecasted to increase by two percent per year for the six year period covered by this plan.

Grants are challenging to forecast because it is unknown whether the application will be successful. Where it is anticipated that grants will be sought for certain projects, those requests and fund amounts were noted in the projection.

Recent trends and conservative assumptions were utilized to project other revenue sources over the course of the six year planning period.

CAPITAL IMPROVEMENT PLAN PROCESS

The development of this CIP began in 2015, when the Township created the 2016 - 2021 capital improvement program. Township departments were asked to submit projects and proposals for this time period. These ideas were then presented at a joint meeting of all boards and commissions in May of 2015, which was a public meeting open to the community. Members were given an opportunity to suggest additional project ideas and provide input regarding priorities.

Project ideas were then narrowed down and prioritized based on availability of existing resources, existing conditions, and coordination with other projects. Based on this prioritization, the 2016-2021 CIP was developed and approved.

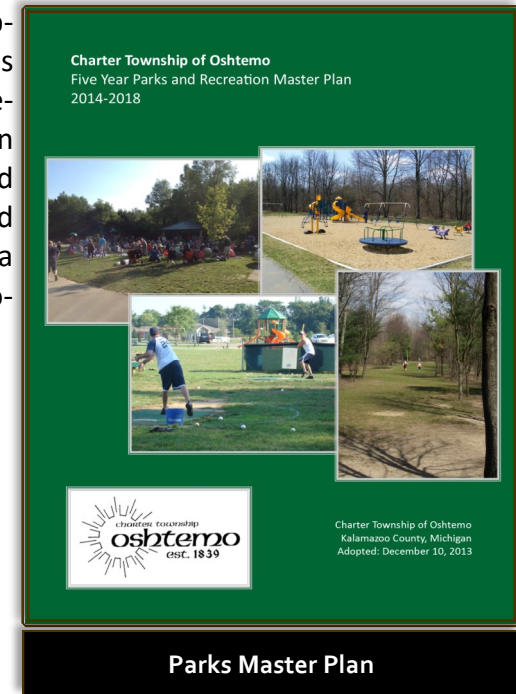
Since that time, staff and the Township Board have been updating the CIP according to new priorities and available funding sources. To determine the projects identified in the 2018-2023 CIP, the Township departments were asked to review the 2017 CIP and make updates based on the most current information available. In addition, staff was asked to forecast anticipated projects for 2023.

Proposed projects for the 2018-2023 Capital Improvement Plan are presented in the tables beginning on page 9. A description of each project is then provided, beginning on page 18.

CAPITAL IMPROVEMENT PLAN GOALS

The selection of CIP projects are guided by the goals and objectives presented in the Township Master Plan, as well as the other plans and reports of the community including the Non-Motorized Plan, Parks and Recreation Master Plan, and other strategic documents of the Township. These documents represent the Township vision and were prepared following a community-oriented process.

By relying on the established goals in these plans to guide project implementation, a connection between the vision and the CIP is maintained, and the community remains a part of the planning process throughout.



SUMMARY TABLES

The tables below provide a summary of the total revenues and expenditures for the Township. For a more detailed understanding of each fund, please continue to the Fund Tables, which begins on page 9.

Total Revenues

As described in the plan narrative, revenues are collected in a variety of ways from different revenue sources. The table below shows the total projected revenues from each fund for the six-year capital planning period.

	2018	2019	2020	2021	2022	2023
General Fund	\$4,359,715	\$3,851,143	\$6,417,910	\$4,302,974	\$4,751,774	\$5,279,074
Park Fund	\$392,200	\$356,334	\$406,500	\$235,000	\$235,000	\$298,000
Police Fund	\$1,358,872	\$1,378,100	\$1,404,400	\$1,431,200	\$1,458,600	\$1,486,500
Fire Fund	\$2,067,974	\$1,909,800	\$1,947,800	\$1,986,600	\$2,026,200	\$2,066,600
Sewer Fund	\$1,496,361	\$1,390,383	\$1,635,716	\$1,706,743	\$1,914,550	\$1,937,200
Water Fund	\$187,000	\$196,600	\$202,300	\$208,200	\$214,300	\$220,500
DDA	\$132,400	\$135,100	\$137,800	\$140,500	\$143,300	\$146,200
SODA	\$32,700	\$38,400	\$44,200	\$50,100	\$51,100	\$52,100
TOTAL	\$10,027,222	\$9,255,860	\$12,196,626	\$10,061,317	\$10,794,824	\$11,486,174

Total Expenditures

A diversity of expenditures are presented and described in this plan, including capital and operating expenses associated with most of the funds, particularly the General Fund. The table below presents the total expenditures for each year assigned to each fund.

	2018	2019	2020	2021	2022	2023
General Fund	\$5,348,020	\$3,127,000	\$6,516,600	\$3,089,300	\$4,524,200	\$4,456,300
Park Fund	\$805,787	\$657,300	\$852,300	\$749,500	\$606,900	\$704,500
Police Fund	\$1,262,693	\$1,274,800	\$1,313,000	\$1,352,400	\$1,393,000	\$1,434,800
Fire Fund	\$2,583,210	\$2,957,750	\$2,140,850	\$2,496,100	\$2,032,400	\$2,463,050
Sewer Fund	\$1,379,773	\$7,330,200	\$16,013,350	\$6,156,400	\$2,180,850	\$3,022,000
Water Fund	\$264,428	\$700,100	\$917,900	\$462,700	\$384,600	\$267,600
DDA	\$180,400	\$144,700	\$392,800	\$63,800	\$65,400	\$67,100
SODA	\$33,300	\$37,500	\$57,700	\$57,900	\$58,100	\$58,300
TOTAL	\$11,857,611	\$16,229,350	\$28,204,500	\$14,428,100	\$11,245,450	\$12,473,650

Fund Balances

In the table below, the fund balance that remains at the end of each projected budget year is presented based on the forecasted revenues and expenditures in the 2018 through 2023 planning period. It is a reflection of the difference between the proposed revenues and expenditures calculated on the anticipated fund balances at the end of 2017, the current budget year.

At this point, it is good to remind readers that this is a document that will be reviewed and updated on an annual basis. Therefore, where funds illustrate substantial balances – either positive or negative – those situations will be evaluated and amended as that budget year approaches.

This summary table identifies where there are funds that have additional money available for investment or transfer to other funds. Those funds with a negative balance indicate a need to review the proposed projects for that year, explore alternative funding opportunities, or consider transfer of money from other funds, if possible.

The table clearly identifies that the proposed projects in the CIP have costs that exceed the revenues anticipated to be generated in the program years. Sewer and water projects in particular will require supplemental revenue sources in order to be implemented as proposed.

	2017	2018	2019	2020	2021	2022
General Fund	\$1,191,770	\$1,754,913	\$1,468,223	\$2,561,897	\$2,656,151	\$3,478,925
Park Fund	\$4,953	(\$155,013)	(\$432,813)	(\$847,313)	(\$1,119,213)	(\$1,525,713)
Police Fund	\$305,239	\$458,539	\$599,939	\$728,739	\$844,339	\$946,039
Fire Fund	\$1,346,484	\$298,534	\$105,484	(\$404,016)	(\$410,216)	(\$806,666)
Sewer Fund	\$1,074,872	\$3,291,055	\$3,650,921	\$2,095,264	\$2,063,964	\$1,214,164
Water Fund	\$1,047,654	\$544,154	(\$171,446)	(\$425,946)	(\$596,246)	(\$643,346)
DDA	\$742,339	\$732,739	\$477,739	\$554,439	\$632,339	\$711,439
SODA	\$55,922	\$56,822	\$43,322	\$35,522	\$28,522	\$22,322

CAPITAL IMPROVEMENT PLAN TABLES

The tables on the following pages present the six year Capital Improvement Plan (CIP) for Oshtemo Township from 2018 through 2023. A separate table is provided for each fund category, which includes projected revenues and sources along with operating and capital expenditures on an annual basis. The intent is to illustrate a potential budget framework for years to come to inform decisions on future projects. The proposed capital projects identified in the tables are described in more detail in subsequent pages.

It is important to note that the non-motorized projects described in the Public Works table on the next page are only feasible to construct if other revenue sources such as MDOT grants (Safety Grant, Safe Routes to School grant, Transportation Alternative Program grant), Federal Surface Transportation Program dollars or Downtown Development Authority or South Drake Road Corridor Improvement Authority funds are secured. For Federal Surface Transportation program dollars to be used towards non-motorized facilities, an amended County/Road Commission policy is required that would allow these dollars to be used for sidewalk and/or path construction.

In addition, the capital improvement projects outlined in both the Sewer and Water Fund will need supplementary funds for construction. These dollars may come from transfers from the General Fund, assessments, mandatory connection, grants or other funding sources.

GENERAL FUND - 101
Project Revenues and Expenditures 2018 - 2023

Revenues:	2018	2019	2020	2021	2022	2023
Property taxes	1,114,641	1,136,900	1,159,600	1,182,800	1,206,500	1,230,600
Licenses and permits	200,000	200,000	200,000	200,000	200,000	200,000
Capital State & Other Grants - Roll Up Summary	929,030	114,000	2,409,000	30,000	450,000	948,000
State grants/revenue sharing	1,849,232	1,741,643	1,706,810	1,672,674	1,672,674	1,672,674
Interest and rentals	26,700	26,700	26,700	26,700	26,700	26,700
Other	240,112	244,900	249,800	254,800	259,900	265,100
Total Revenues:	4,359,715	3,851,143	6,417,910	4,302,974	4,751,774	5,279,074
Expenditures:						
Operating expenditures	2,283,520	2,352,000	2,422,600	2,495,300	2,570,200	2,647,300
Capital expenditures:						
NON-MOTORIZED **						
Drake Road Safety Grant (Green Meadows to W Michigan)	850,000	-	-	-	-	-
Drake Road TA Grant (remainder of W Main to Stadium)	1,150,000	-	-	-	-	-
KL Avenue Shared-Use Pathway, Copper Beech to Drake Rd	55,000	220,000	2,000,000	-	-	-
Stadium Drive 6' One Way Paths both sides, 8th Street to 11th St	80,000	80,000	860,000	-	-	-
9th St Sidewalk (SRTS), Prairie Ridge Elementary School to Erie	54,000	56,000	540,000	-	-	-
KL Avenue Path and Easements	27,000	-	-	-	-	-
11th Street Sidewalk, KL Avenue to Stadium	-	-	-	80,000	700,000	-
KL Avenue Shared-Use Pathway, 9th St to Copper Beech	-	-	-	135,000	800,000	-
9th Street Facility, W Main St to Prairie Ridge Elementary	-	-	-	-	150,000	1,530,000
Maintenance Repair & Reconstruction	40,000	20,000	20,000	20,000	20,000	20,000
IT	24,000	74,000	49,000	24,000	24,000	24,000
ANNUAL LOCAL ROAD IMPROVEMENTS*	584,000	235,000	235,000	235,000	235,000	235,000
GENERAL PROJECTS						
Cemetery Master Plan	20,000	-	-	-	-	-
Cemetery Maintenance and upgrades	25,500	20,000	20,000	-	-	-
Maintenance Facility Structure	115,000	-	-	-	-	-
Gator Replacement	8,000	-	-	-	-	-
Ord Enf Vehicle Replacement (50% Prop Main; 50% Pol)	20,000	-	-	-	-	-
Township Hall Office Equipment (Copier, Misc)	12,000	-	-	-	-	-
Maint. Truck and Plow Replacement (Chevy 2020 / Ford 2021)	-	70,000	70,000	-	-	-
Maintenance Facility; New Construction	-	-	300,000	100,000	-	-
Election Equipment	-	-	-	-	25,000	-
Total Expenditures:	5,348,020	3,127,000	6,516,600	3,089,300	4,524,200	4,456,300
Transfers:						
Police Fund	38,400	20,000	20,000	20,000	33,320	-
Fire Operations	5,000	-	-	-	-	-
Sewer	-	-	-	-	-	-
Parks Fund	220,000	141,000	168,000	100,000	100,000	-
Total Transfers:	263,400	161,000	188,000	120,000	133,320	-
Fund Balance:						
Net change in fund balance	(1,251,705)	563,143	(286,690)	1,093,674	94,254	822,774
Beginning fund balance - Restricted for Building Department	405,211	335,395	315,395	295,395	275,395	255,395
Beginning fund balance (Estimated)	2,038,264	856,375	1,439,518	1,172,828	2,286,502	2,400,756
Ending Fund Balance:	1,191,770	1,754,913	1,468,223	2,561,897	2,656,151	3,478,925
Ending fund balance as a % of operating expenditures	52%	75%	61%	103%	103%	131%

PARK FUND - 107
Projected Revenue and Expenditures for 2018 - 2023

Revenues:	2018	2019	2020	2021	2022	2023
State grants	-	-	-	-	-	-
Interest and rentals	\$28,700	\$28,000	\$30,000	\$30,000	\$30,000	\$30,000
Other	\$150,000	\$88,334	\$5,000	\$5,000	\$5,000	\$5,000
Grants and other revenues	\$213,500	\$240,000	\$371,500	\$200,000	\$200,000	\$263,000
Total Revenues:	\$392,200	\$356,334	\$406,500	\$235,000	\$235,000	\$298,000
Expenditures:						
Operating expenditures	\$225,578	\$232,300	\$239,300	\$246,500	\$253,900	\$261,500
Capital expenditures:						
Drake Farmstead Park, Phase 1b	\$282,000	-	-	-	-	-
Drake Farmstead Park, Phase 2	\$205,000	-	-	-	-	-
Drake Farmstead Park, Phase 3	-	\$50,000	-	-	-	-
Drake Farmstead Park, Phase 4	-	-	\$75,000	-	-	-
Drake / KL Avenue Parkland Acquisition	-	\$250,000	-	-	-	-
Drake / KL Avenue Parkland Construction	-	-	\$300,000	-	-	-
Flesher Field, Phase 3	-	-	-	\$150,000	-	-
Grange Hall Improvements	-	\$60,000	-	-	-	-
Gator Replacement	\$15,000	-	-	-	-	-
Greenway Corridor Acquisition	-	-	170,000	-	-	-
Greenway Trail Construction, Phase 1—3	-	-	-	\$300,000	\$300,000	\$300,000
HVAC Repairs and Upgrades	-	-	\$15,000	-	-	-
Park Improvements	\$25,300	\$12,000	-	-	-	-
Township Park Refurbishment	-	-	-	-	-	\$90,000
Drake House Renovation - OHS Projects	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
Kalamazoo Community Foundation Endowment	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Total Expenditures:	\$805,878	\$657,300	\$852,300	\$749,500	\$606,900	\$704,500
Transfers:						
From General Fund	\$220,000	\$141,000	\$168,000	\$100,000	\$100,000	-
Total Transfers:	\$220,000	\$141,000	\$168,000	\$100,000	\$100,000	-
Fund Balance:						
Net change in fund balance	(\$193,678)	(\$159,966)	(\$277,800)	(\$414,500)	(\$271,900)	(\$406,500)
Beginning fund balance (Estimated)	\$198,631	\$4,953	(\$155,013)	(\$432,813)	(\$847,313)	(\$1,119,213)
Ending Fund Balance:	\$4,953	(\$155,013)	(\$432,813)	(\$847,313)	(\$1,119,213)	(\$1,525,713)

POLICE FUND - 207
Projected Revenue and Expenditures for 2087 - 2023

Revenues:	2018	2019	2020	2021	2022	2023
Licenses and permits	\$1,500	\$500	\$500	\$500	\$500	\$500
Ordinance, parking and other violations	\$49,000	\$48,000	\$48,000	\$48,000	\$48,000	\$48,000
State grants	\$18,000	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000
Interest	\$600	\$500	\$500	\$500	\$500	\$500
Other (Assessment)	\$1,289,272	\$1,315,100	\$1,341,400	\$1,368,200	\$1,395,600	\$1,423,500
Total Revenues:	\$1,358,872	\$1,378,100	\$1,404,400	\$1,431,200	\$1,458,600	\$1,486,500
Expenditures:						
Operating expenditures	\$1,237,693	\$1,274,800	\$1,313,000	\$1,352,400	\$1,393,000	\$1,434,800
Capital expenditures:	-	-	-	-	-	-
Traffic Control Signage	\$5,000	-	-	-	-	-
Ord. Enf. Vehicle Replacement	\$20,000	-	-	-	-	-
Total Expenditures:	\$1,262,693	\$1,274,800	\$1,313,000	\$1,352,400	\$1,393,000	\$1,434,800
Transfers:						
From General Fund	\$38,400	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Total Transfers:	\$38,400	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Fund Balance:						
Net change in fund balance	\$134,579	\$153,300	\$141,400	\$128,800	\$115,600	\$101,700
Beginning fund balance (Estimated)	\$170,660	\$305,239	\$484,539	\$599,939	\$728,739	\$844,339
Ending Fund Balance:	\$305,239	\$458,539	\$599,939	\$728,739	\$844,339	\$946,039

FIRE FUND - 206 and 211
Projected Revenue and Expenditures for 2018 - 2023

Revenues:	2018	2019	2020	2021	2022	2023
Grants	-	-	-	-	-	-
Interest	\$3,500	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Other (miscellaneous)	\$200,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000
Other (special assessment)	\$1,864,474	\$1,901,800	\$1,939,800	\$1,978,600	\$2,018,200	\$2,058,600
Total Revenues:	\$2,067,974	\$1,909,800	\$1,947,800	\$1,986,600	\$2,026,200	\$2,066,600
Expenditures:						
Operating expenditures	\$1,859,610	\$1,896,800	\$1,934,700	\$1,973,400	\$2,012,900	\$2,053,200
Capital expenditures:						
Fire Station 2 Maintenance	\$19,500	-	-	-	-	-
Fire Station 3 Maintenance	\$8,500	-	-	-	-	-
Engine/Rescue Vehicle Replacement	\$575,000	-	-	-	-	-
2008 Pierce Engine (Refurbishment)	-	\$100,000	-	-	-	-
2003 Quint Engine Replacement	-	\$850,000	-	-	-	-
2008 EMS SUV (x2)	-	-	\$110,000	-	-	-
2010 PEO Car (Ford)	-	-	\$55,000	-	-	-
1994 Pierce Engine Replacement	-	-	-	\$500,000	-	-
2011 Aerial (Smeal) Refurbishment	-	-	-	-	-	\$220,000
Fire Equipment and PPE	\$120,600	\$110,950	\$41,150	\$22,700	\$19,500	\$189,850
Total Expenditures:	\$2,583,210	\$2,957,750	\$2,140,850	\$2,496,100	\$2,032,400	\$2,463,050
Transfers:						
From General Fund	\$5,000	-	-	-	-	-
Total Transfers:	\$5,000	-	-	-	-	-
Fund Balance:						
Net change in fund balance	(\$515,236)	(\$1,047,950)	(\$193,050)	(\$509,500)	(\$6,200)	(\$396,450)
Beginning fund balance (Estimated)	\$1,861,720	\$1,346,484	\$298,534	\$105,484	(\$404,016)	(\$410,216)
Ending Fund Balance:	\$1,346,484	\$298,534	\$105,484	(\$404,016)	(\$410,216)	(\$806,666)

SEWER FUND - 490
Projected Revenue and Expenditures for 2018 - 2023

Revenues:	2018	2019	2020	2021	2022	2023
Special assessment	-	-	-	-	-	-
Grants	\$360,000	-	-	-	-	-
Additional Connection Fees	\$219,615	\$438,795	\$657,598	\$686,017	\$714,396	\$704,092
Debt Service Fees	\$42,746	\$45,888	\$45,518	\$60,326	\$211,154	\$214,708
Interest	\$2,000	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Other (Surcharge & Assessments)	\$872,000	\$898,200	\$925,100	\$952,900	\$981,500	\$1,010,900
Total Revenues:	\$1,496,361	\$1,390,383	\$1,635,716	\$1,706,743	\$1,914,550	\$1,937,200
Expenditures:						
Operating expenditures	\$528,773	\$544,600	\$560,900	\$577,700	\$595,000	\$612,900
Debt Service	\$255,000	\$549,600	\$929,950	\$995,700	\$1,069,850	\$1,063,100
Capital expenditures:			-			
BTR 2.0	151,000	-	-	-	-	-
Sanitary Sewer Extensions—Phase 1 USDA						
Beech Street	\$30,000	\$438,000	-	-	-	-
Fairlane Plat	\$71,000	\$1,032,000	-	-	-	-
Meridian & Sunset	\$19,000	\$280,000	-	-	-	-
Skyridge Plat Sewer & Pump Station	\$133,000	\$1,938,000	-	-	-	-
W Main Sewer: 8th Street to 7th St. and 7th St. Pump	\$100,000	\$1,464,000	-	-	-	-
Whitegate Farms Plat	\$72,000	\$1,064,000	-	-	-	-
Country Club Plat	-	-	\$2,330,000	-	-	-
Westport and Meadowbrook Plat	-	-	\$12,165,000	-	-	-
11th Street Sanitary (Parkview to N Ave)	-	-	-	\$1,459,000	-	-
Frie and Gibbs Plat Sewer & Pump Station	-	-	-	\$1,460,000	-	-
KL Avenue: West of 8th Street	-	-	-	\$1,644,000	-	-
Chime Street	-	-	-	-	\$272,000	-
Plainview Street	-	-	-	-	\$224,000	-
Parkview Avenue	-	-	-	-	-	\$1,139,000
Vienna Street	-	-	-	-	-	\$187,000
Misc. Infrastructure Repairs & Improvements	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
Total Expenditures:	\$1,379,773	\$7,330,200	\$16,005,850	\$6,156,400	\$2,180,850	\$3,022,000
Transfers:						
Debt Proceeds	\$425,000	\$7,921,000	\$14,495,000	\$2,659,000	-	-
From General Fund	\$235,000	\$235,000	\$235,000	\$235,000	\$235,000	\$235,000
Total Other Financing Sources:	\$660,000	\$8,156,000	\$14,730,000	\$2,894,000	\$235,000	\$235,000
Fund Balance:						
Net change in fund balance	\$776,558	\$2,216,183	\$359,866	(\$1,555,657)	(\$31,300)	(\$849,800)
Beginning fund balance (Estimated)	\$298,284	\$1,074,872	\$3,291,055	\$3,650,921	\$2,095,264	\$2,063,964
Ending Fund Balance:	\$1,074,872	\$3,291,055	\$3,650,921	\$2,095,264	\$2,063,964	\$1,214,164

WATER FUND - 491
Projected Revenue and Expenditures for 2018 - 2023

Revenues:	2018	2019	2020	2021	2022	2023
Special assessment	-	-	-	-	-	-
Grants	-	-	-	-	-	-
Interest	\$2,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000
Other (Surcharges, Assessments & Benefit Fees)	\$185,000	\$190,600	\$196,300	\$202,200	\$208,300	\$214,500
Total Revenues:	\$187,000	\$196,600	\$202,300	\$208,200	\$214,300	\$220,500
Expenditures:						
Operating expenditures	\$89,428	\$92,100	\$94,900	\$97,700	\$100,600	\$103,600
Capital expenditures:						
BTR 2.0 Water Extension	155,000	-	-	-	-	-
KLA Water (W Main from 2nd to 4th and Big Rock)	-	588,000	-	-	-	-
W Main Street, East of 6th Public Water	-	-	803,000	-	-	-
South 11th Street	-	-	-	239,000	-	-
Frie & Gibbs Plat	-	-	-	106,000	-	-
Chadd's Ford Way Plat	-	-	-	-	82,000	-
Oshtemo Valley Plat	-	-	-	-	182,000	-
Wendalyn Way	-	-	-	-	-	144,000
Misc. Infrastructure Repairs & Improvements	20,000	20,000	20,000	20,000	20,000	20,000
Total Expenditures:	\$264,428	\$700,100	\$917,900	\$462,700	\$384,600	\$267,600
Fund Balance:						
Net change in fund balance	(\$77,428)	(\$503,500)	(\$715,600)	(\$254,500)	(\$170,300)	(\$47,100)
Beginning fund balance (Estimated)	\$1,125,082	\$1,047,654	\$544,154	(\$171,466)	(\$425,946)	(\$596,246)
Ending Fund Balance:	\$1,047,654	\$544,154	(\$171,446)	(\$425,946)	(\$596,246)	(\$643,346)

DOWNTOWN DEVELOPMENT AUTHORITY FUND - 900
Projected Revenue and Expenditures for 2018 - 2023

Revenues:	2018	2019	2020	2021	2022	2023
Property tax captures	\$132,000	\$134,600	\$137,300	\$140,000	\$142,800	\$145,700
Interest	\$400	\$500	\$500	\$500	\$500	\$500
Total:	\$132,400	\$135,100	\$137,800	\$140,500	\$143,300	\$146,200
Expenditures:						
Operating expenditures	\$49,250	\$50,700	\$52,200	\$53,800	\$55,400	\$57,100
Capital expenditures:						
Grants Loan Program	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Corner Site Improvements/Parking	\$38,150	-	-	-	-	-
Stadium Drive 6' Path both sides 8th St.—11th St.	\$56,000	\$56,000	\$222,600	-	-	-
9th St. Sidewalks (SR2S), Prairie Ridge Elementary to Erie	\$27,000	\$28,000	\$108,000	-	-	-
Total expenditures:	\$180,400	\$144,700	\$392,800	\$63,800	\$65,400	\$67,100
Fund Balance:						
Net change in fund balance	(\$48,000)	(\$9,600)	(\$255,000)	\$76,700	\$77,900	\$79,100
Beginning fund balance (Estimated)	\$790,339	\$742,339	\$732,739	\$477,739	\$554,439	\$632,339
Ending fund balance:	\$742,339	\$732,739	\$477,739	\$554,439	\$632,339	\$711,439

SOUTH DRAKE ROAD CORRIDOR IMPROVEMENT AUTHORITY FUND - 247
Projected Revenue and Expenditures for 2018 - 2023

Revenues:	2018	2019	2020	2021	2022	2023
Property tax captures	\$32,500	\$38,200	\$44,000	\$49,900	\$50,900	\$51,900
Interest	\$200	\$200	\$200	\$200	\$200	\$200
Total Revenues:	\$32,700	\$38,400	\$44,200	\$50,100	\$51,100	\$52,100
Expenditures:						
Operating expenditures	\$3,300	\$7,500	\$7,700	\$7,900	\$8,100	\$8,300
Capital expenditures:						
South Drake Safety Grant Match	\$30,000	\$30,000	\$50,000	\$50,000	\$50,000	\$50,000
General Projects	-	-	-	-	-	-
Total Expenditures:	\$33,300	\$37,500	\$57,700	\$57,900	\$58,100	\$58,300
Fund Balance:						
Net change in fund balance	(\$600)	\$900	(\$13,500)	(\$7,800)	(\$7,000)	(\$6,200)
Beginning fund balance (Estimated)	\$56,522	\$55,922	\$56,822	\$43,322	\$35,522	\$28,522
Ending Fund Balance:	\$55,922	\$56,822	\$43,322	\$35,522	\$28,522	\$22,322

CAPITAL EXPENDITURES

General Projects

The General Fund is the largest of all the revenue funds for the Township. Most capital projects are paid for from the General Fund. The following tables, arranged in order of project year, describe those projects that do not fit clearly into other, more narrowly defined project-based categories.

Project Year:	2018			
Project Name	Project Costs	Twp Share	Funding Source	Description
Cemetery Master Plan	\$20,000	\$20,000 100%	General Fund	Costs to employ a consultant to develop a cemetery master plan.
Maintenance Facility Structure Modification and Pole Building Framework (Cont. from 2017)	\$115,000	\$115,000 100%	General Fund	Complete the improvements to the maintenance building, which began in 2017. Work to be completed includes interior improvements, electrical and insulation. If the budget allows, bring water and drains to the present facilities.
Ordinance Enforcement Truck: Replacement	\$40,000	\$20,000 50%	General Fund	The current Ordinance Enforcement truck has maximized its utility. These funds, along with support from the Police Fund, will allow for a replacement vehicle.
Gator Utility Vehicle: Replacement	\$23,000	\$23,000 100%	General Fund	Replacement of an existing Gator, which is used for snow removal and lawn maintenance, and has seen the end of its utility.
Township Hall Office Equipment	\$17,000	\$17,000 100%	General Fund	Central copier/scanner replacement (estimated six years useable life) - \$12,000. Miscellaneous office equipment—\$5,000.
Information Technology	\$24,000	\$24,000 100%	General Fund	Computer replacements (seven), software licensing. Some funding to be provided by the Fire Fund. Amount to be determined.
Cemetery Maintenance	\$20,000	\$20,000 100%	General Fund	Tree and shrub removal at the three cemeteries owned and maintained by the Township.

Project Year:	2019			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Information Technology	\$74,000	\$74,000 100%	General Fund	Server replacements (four), computer replacements (seven) and software licensing. Some funding to be provided by the Fire Fund. Amount to be determined.
Maintenance Truck and Plow: Replacement	\$70,000	\$70,000 100%	General Fund	Replacement of a maintenance truck (Chevy) and snow plow that has reached the end of its utility.
Cemetery Maintenance	\$20,000	\$20,000 100%	General Fund	Tree and shrub removal at the three cemeteries owned and maintained by the Township.

Project Year:	2020			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Information Technology	\$49,000	\$49,000 100%	General Fund	Large meeting room audio/visual upgrades, computer replacements (seven), software licensing.
Maintenance Facility: New Construction	\$300,000	\$300,000 100%	General Fund	Construction of a new maintenance facility to house additional maintenance equipment and vehicles.
Maintenance Truck and Plow: Replacement	\$70,000	\$70,000 100%	General Fund	Replacement of a maintenance truck (Ford) and snow plow that has reached the end of its utility.
Cemetery Maintenance	\$20,000	\$20,000 100%	General Fund	Tree and shrub removal at the three cemeteries owned and maintained by the Township.

Project Year:	2021			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Information Technology	\$24,000	\$24,000 100%	General Fund	Computer replacements (seven) and software licensing. Some funding to be provided by the Fire Fund. Amount to be determined.
Maintenance Facility: New Construction (Cont. from 2020)	\$100,000	\$100,000 100%	General Fund	Completion of a new maintenance facility, which began in 2020, to house additional maintenance equipment and vehicles.

Project Year:	2022			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Information Technology	\$24,000	\$24,000 100%	General Fund	Computer replacements (seven) and software licensing. Some funding to be provided by the Fire Fund. Amount to be determined.
Election Equipment	\$25,000	\$25,000 100%	General Fund	Equipment necessary to conduct elections in the Township.

Project Year:	2023			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Information Technology	\$24,000	\$24,000 100%	General Fund	Computer replacements (seven) and software licensing. Some funding to be provided by the Fire Fund. Amount to be determined.

Maintenance Replacements

The Maintenance Department is responsible for the upkeep of all Township owned buildings and grounds. This encompasses a substantial amount of mechanical equipment and infrastructure, as well as maintenance vehicles and other assets. The established philosophy in regards to this infrastructure and equipment is maintenance until failure. Thus, it becomes difficult to always predict when a furnace or a mower may need to be repaired or replaced. Therefore, the Maintenance Department has estimated a need over the course of the six year planning period of approximately \$50,000 for repair or replacement of equipment and \$50,000 for capital maintenance at Township facilities. These funds will not necessarily be budgeted in a particular year but will be held in reserve and used via the Township emergency purchasing policy. Known capital improvement projects and/or costs have been outlined in the General Expenditures tables.

Project Years:	2018—2023			
Project Name	Project Costs	Twp Share	Funding Source	Description
Facilities Equipment Fund (HVAC, Vehicles, Equipment)	\$300,000 (\$50,000 Annually Estimated)	\$300,000 100%	General Fund	Periodic equipment replacement under intentional and economical “run to failure” approach for 51 HVAC units, 6 generators, 6 facility mechanicals, 4 licensed vehicles, 6 grounds maintenance vehicles and miscellaneous powered and attached equipment. The Township policy for emergency purchasing may be used. Some funds may come from the Fire Department. Amount to be determined.
Facilities Capital Replacements	\$300,000 (\$50,000 Annually Estimated)	\$300,000 100%	General Fund	Facilities replacement and maintenance: pavement, fencing, painting, carpet, etc. The Township policy for emergency purchasing may be used. Some funds may come from the Fire Department. Amount to be determined.

Public Works Capital Projects

The Public Works department is responsible to protect the public health, safety and welfare through the construction and maintenance of Township public infrastructure. The projects found under the Public Works section of the CIP are generally the largest and most expensive projects managed by the Township. These projects include the development of non-motorized facilities, local road improvements, and the extensions of public water and sewer.

Non-Motorized

In 2013, the Township adopted amendments to the Non-Motorized Plan. Since that time, steps have been taken to implement the plan, starting with the sidewalk and pathway built along North Drake Road. The goal is to build a network of non-motorized facilities along major roadways in the Township connecting neighborhoods and other population centers to existing non-motorized accommodations, activity centers, and planned amenities in surrounding communities. Township funds are provided from the General Fund. In commercial areas, these funds may be supplemented with a special assessment. In select cases, non-motorized projects may be eligible for grant dollars through MDOT and other sources to assist with funding challenges. The ability and timeliness to proceed with these projects will be predicated on received grant approval.

Road Improvements

Primary Roads in the Township are maintained and improved by the Road Commission of Kalamazoo County (RCKC) at their expense. Local Roads in Oshtemo are also maintained and improved by the RCKC, but the cost is shared with the Township. Local Road Participation Funds (PAR) are budgeted by the RCKC out of the annual funding allotments and dedicated to be used on local roads based on the amount of road mileage. However, to access this funding, the dollars must be matched by the Township. Oshtemo has traditionally over-matched the available funds, committing around \$200,000 a year to the maintenance and improvement of Local Roads. As a result, the Pavement Surface Evaluation and Rating (PASER) score of roads in the community exceeds the average rating for the County as a whole.

The recent requirement for mandatory connections to sanitary sewer and the planned extension of sewers into existing neighborhoods will yield many reconstructed roads during the CIP planning period. A portion of general revenue funds are being allocated to these road improvements. The Township's policy of improving roads when water and/or sanitary sewer are developed provides

opportunities to reduce costs for the larger infrastructure project. Therefore, for this CIP period the Township has increased the local match so that roads may be improved at the same time that new water and/or sewer projects are constructed. That is, the long-term perspective has led to a gradual deterioration of roadways within neighborhoods targeted for sewer extensions. The current six-year CIP, if totally realized, will construct 18 miles of roads.

Sanitary Sewer

Although operated by the City of Kalamazoo, the public sanitary sewer system is owned and constructed by the Township and therefore any extensions are paid for by the Township via the Sewer Fund. As discussed previously, these costs are recovered by the Township through benefit and connection fees. The projects proposed in this CIP represent a continuing effort to locate major sanitary service mains on section line roads. The Township's management strategy is to be prepared to serve sewer systems that may be privately extended into adjacent, emerging development areas. In addition, sewer projects are identified that substantially extend public sanitary sewer service into existing neighborhoods to replace aging and failing private septic systems.

It should be noted that while the list of sanitary projects identified in the current CIP is reduced from previous years, the extent of each project has considerably expanded. This larger need was identified from multiple citizen requests and health department concerns regarding the continued use of septic tanks in developed neighborhoods. In 2016 the Township Board approved a mandatory hook-up ordinance, which has strengthened the Township's capacity to more efficiently finance larger projects.

The Township has developed a three year program of sewer extensions to address many of these older neighborhoods. In an effort to reduce the financial burden to local residents, the Township has applied for a loan through the United States Department of Agriculture (USDA) Water and Waste Disposal Loan and Grant Program. Phase 1 of the sewer extensions has been administratively endorsed by the USDA and the receipt of a loan is expected. In addition, other funding possibilities like bonding, assessments, and connection fees will continue to be reviewed.

Water

Similar to the sewer system, expansions to the public water system are constructed and paid for by the Township via the Township's Water Fund. This fund is reimbursed through benefit and connection fees. Projects proposed in this six year capital period focus on closing network gaps, completing loops, and providing service to neighborhoods not otherwise served by public water. It should be noted that public water service has been greatly extended to the west along West Main Street and KL Avenue, beyond the nominal growth and development fringe outlined in the Township's Master Plan. This expanded public water service area was established to address private well health and safety concerns related to groundwater contaminants released at the former KLA Land Fill. (Land fill closure is complete and groundwater remediation is proceeding under EPA/MDEQ oversight.)

Non-Motorized Facilities

Project Year:	2018			
Project Name	Project Costs	Twp Share	Funding Source	Description
Drake Road Shared Use Path: Green Meadows to West Michigan	\$850,000	\$529,200 62%	General Fund, MDOT	Construction of a 10-foot shared use path along the west side of Drake Road. A total grant in the amount of \$320,800 was awarded through the MDOT Safety Grant.
Drake Road Shared Use Path: Remainder of Drake Road from West Main south to Stadium Drive	\$1,150,000	\$541,770 47%	SoDA, General Fund, MDOT	Completion of the remainder of the Drake Road shared use path. Partial funding for the project will be sought from MDOT through the Transportation Alternative grants. The remaining costs will be covered by the Township with reimbursement from the South Drake Road Corridor Improvement Authority over a time period to be determined.
KL Avenue Shared Use Plan: Drake Rd to Copper Beach Phase 1: Schematic Design	\$55,000	\$55,000 100%	General Fund	Approximately 1.0 mile of shared use path on KL Avenue from Drake Road west to the Copper Beech Apartments. The design stage will take place in 2018, where easements will be obtained, if necessary.
Stadium Drive Path: 8th Street to 11th Street Phase 1: Schematic Design	\$80,000	\$24,000 30%	General Fund, DDA	Phase 1 of a 6-foot concrete path that will connect the Oshtemo Village area (DDA) to the larger pedestrian system in Oshtemo and Kalamazoo. The DDA will cover those design and easement expenses for the Authority area, which is approximately 70 percent of the project.
9th Street Sidewalks: Erie to Prairie Ridge Elementary School Phase 1: Schematic Design	\$54,000	\$27,000 50%	General Fund, DDA	Design phase for sidewalks on 9th Street. DDA to seek funding through the Safe Routes to School (SR2S) Program, working towards better pedestrian connections to Prairie Ridge Elementary School. This project is approximately 50% within the DDA.

Project Year:		2019		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
9th Street Sidewalks: Erie to Prairie Ridge Elementary School Phase 2: Construction Drawings	\$56,000	\$28,000 50%	General Fund, DDA	Development of construction drawings for sidewalks on 9th Street. DDA to seek funding through the Safe Routes to School (SR2S) Program, working towards better pedestrian connections to Prairie Ridge Elementary School. This project is approximately 50% within the DDA boundaries.
Stadium Drive Path: 8th Street to 11th Street Phase 2: Construction Drawings	\$80,000	\$24,000 30%	General Fund, DDA	Development of construction drawings for 6-foot concrete paths on Stadium Drive that will connect the Oshtemo Village area (DDA) to the larger pedestrian system in Oshtemo and Kalamazoo. The DDA will cover those design expenses for the Authority area with the Township General Fund covering the remaining expense.
KL Avenue Shared Use Plan: Drake Road to Copper Beech Phase 2: Design and Construction	\$220,000	\$220,000 100%	General Fund, MDOT SoDA	Construction drawing phase of the shared use path on KL Avenue from Drake Road west to the Copper Beech Apartments. The Township will seek funding through the MDOT Transportation Alternative grant program. The full breakdown of Township costs between funding sources has yet to be determined.

Project Year:		2020		
Project Name	Project Costs	Twp Share	Funding Source	Description
9th Street Sidewalks: Erie to Prairie Ridge Elementary School Phase 3: Construction	\$540,000	\$108,000 20%	General Fund, DDA MDOT	Construction phase for sidewalks on 9th Street to provide better connections to Prairie Ridge Elementary School and the DDA area. Approximate costs are: General Fund: \$108,000 DDA: \$108,000 SR2S Grant: \$324,000
Stadium Drive Sidewalks: 8th Street to 11th Street Phase 3: Construction	\$860,000	\$121,400 14%	General Fund, DDA, KATS, MDOT	Construction phase of a sidewalk project that will connect the Oshtemo Village area (DDA) to the larger pedestrian system in Oshtemo and Kalamazoo. The Township received a Transportation Alternative grant from the Kalamazoo Area Transportation Study (KATS) for the project from 11th Street to Quail Run Drive. The DDA will seek grant funding from MDOT for the remainder of the project. Funding sources and their possible breakdown include: KATS: \$182,100 Township: \$121,400 DDA: \$222,600 MDOT: \$333,900 (possible funding)
KL Avenue Shared Use Plan: Drake Road to Copper Beach Phase 3: Construction	\$2,000,000	\$800,000 40%	General Fund, MDOT SoDA	Construction phase of the shared use path on KL Avenue from Drake Road west to the Copper Beech Apartments. The Township will seek funding through the MDOT Transportation Alternative grant program. The full breakdown of Township costs between funding sources has yet to be determined.

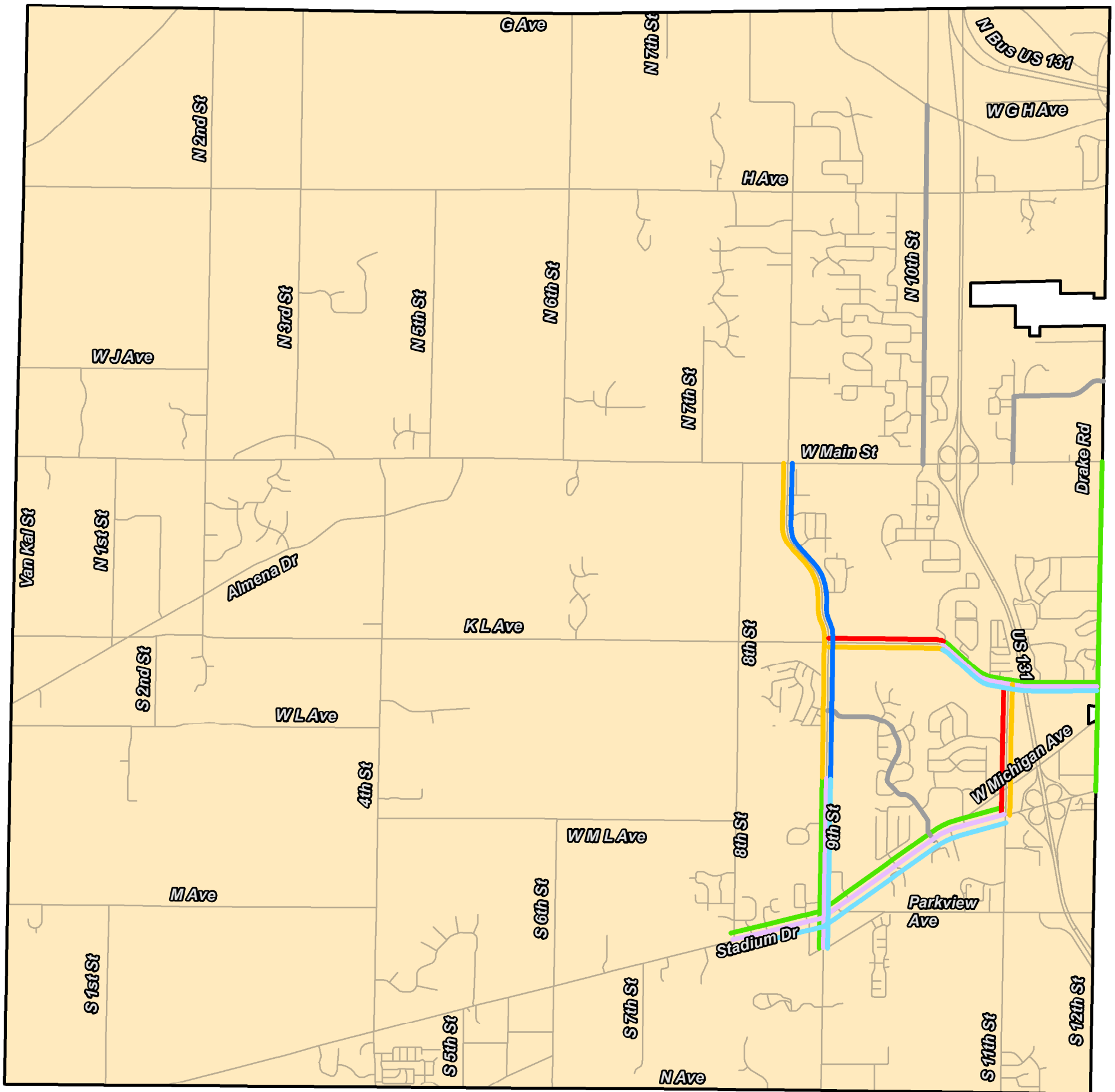
Project Year:		2021		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
11th Street Sidewalks: KL Avenue to Stadium Drive Phase 1: Design	\$80,000	\$80,000 100%	General Fund	Design phase for the development of sidewalks on 11th Street to connect to the planned systems on KL Avenue and Stadium Drive.
KL Avenue Shared Use Path: Copper Beach to 9th Street Phase 1: Schematic Design	\$135,000	\$135,000 100%	General Fund	Design and easement acquisition phase for the continued development of the KL Avenue shared use path.

Project Year:		2022		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
11th Street Sidewalks: KL Avenue to Stadium Drive Phase 2: Construction	\$700,000	\$280,000 40%	General Fund, MDOT	Construction phase for the development of sidewalks on 11th Street to connect to the planned systems on KL Avenue and Stadium Drive.
KL Avenue Shared Use Path: Copper Beach to 9th Street Phase 2: Construction	\$800,000	\$320,000 40%	General Fund	Construction phase for the continued development of the KL Avenue shared use path.
9th Street Sidewalks: Prairie Ridge Elementary to West Main Phase 1: Design	\$150,000	\$150,000 100%	General Fund	Design phase to complete sidewalks on 9th Street up to West Main Street from the 2019 Safe Routes to School project.

Project Year:		2023		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
9th Street Sidewalks: Bluestone Blvd to West Main Phase 2: Construction	\$1,530,000	\$612,000 40%	General Fund, MDOT	Construction phase to complete sidewalks on 9th Street up to West Main Street from the 2019 Safe Routes to School project. Township will seek funding from MDOT to complete the sidewalk project.

Project Year:		Ongoing / Date Unknown		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Facilities Maintenance, Repair and Reconstruction	\$140,000	\$140,000 100%	General Fund	Ongoing maintenance and repair to public sidewalks and paths in the Township. Funding is planned as follows: 2018: \$40,000 2019 - 2023: \$20,000 annually
North 10th Street Non-Motorized Facility	\$1,360,000 approx.	\$408,000 30%	General Fund, MDOT, MDNR	Approximately 2.0 miles in length, the proposed project would connect West Main Street and its pathway as well as the neighborhoods along 10th Street to the Kal-Haven and Kalamazoo River Valley Trails. The exact design or location is yet to be determined.
Quail Run Drive Sidewalks: 9th Street to Stadium Drive	\$430,000 approx.	\$0 0%	Special Assessment	Over 1.0 mile of sidewalk along one side of Quail Run Drive serving the many residents who live in the larger Quail Run community. This drive serves as the primary artery for the neighborhood and connects Stadium Drive to 9th Street. It would also provide a connection to pedestrian facilities planned along these corridors. Design has not yet be determined.
Maple Hill Drive & Croyden Ave Sidewalks: West Main Street to Drake Road	\$470,000 approx.	Unknown	Unknown	Just under 1.0 mile in length, this project would provide connections from the high density residential development on Maple Hill and Croyden to the West Main and Drake Road commercial corridor.

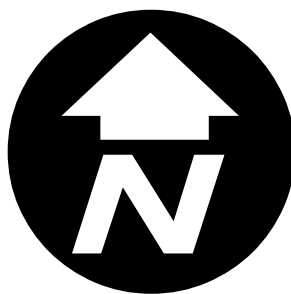
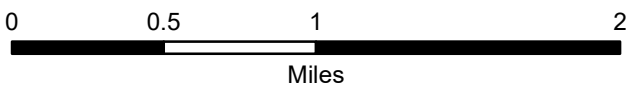
2018 - 2023 CIP Non-Motorized Projects



Map Date: 10/4/2017

LEGEND

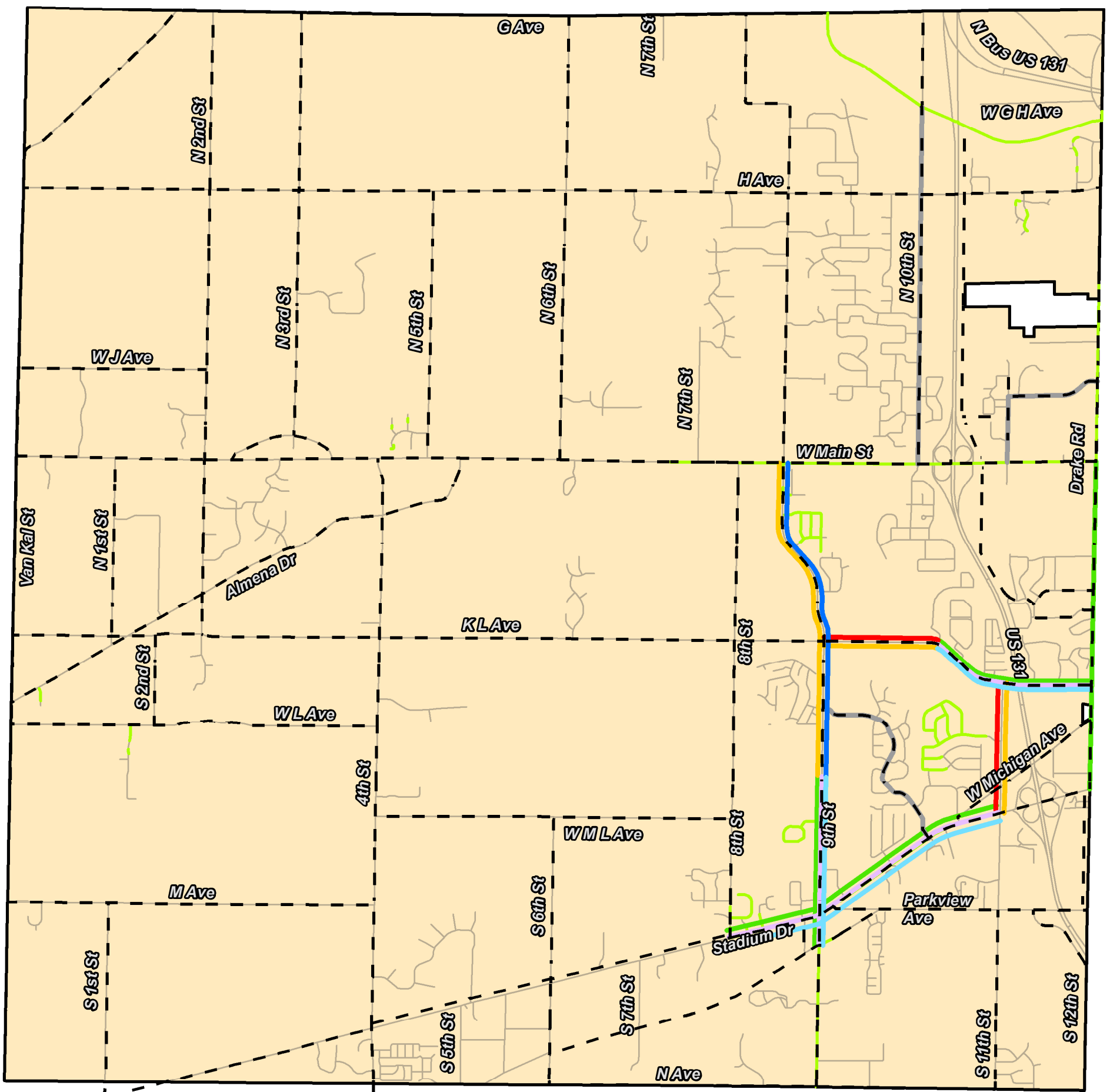
— Road Network



Project Year

- 2018: -Green Meadow Dr to West Michigan Ave
-Remainder of West Main St to Stadium Dr
-8th St to 11th St (Phase I)
-Drake Rd to Copper Beech (Phase I)
-Erie St to Prairie Ridge, (Phase I)
- 2019: -Drake Rd to Copper Beech (Phase II)
-Erie to Prairie Ridge (Phase II)
-8th St to 11th St (Phase II)
- 2020: -Erie to Prairie Ridge (Phase III)
-8th St to 11th St (Phase III)
-Drake Rd to Copper Beech (Phase III)
- 2021: -Copper Beech to 9th St (Phase I)
-KL Ave to Stadium Dr (Phase I)
- 2022: -Prairie Ridge to West Main St (Phase I)
-Copper Beech to 9th St (Phase II)
-KL Ave to Stadium Dr (Phase II)
- 2023: -Prairie Ridge West Main (Phase II)
- TBD: -9th St to Stadium Dr
-North 10th St Non-Motorized Facility
-Maple Hill Dr & Croyden Ave Sidewalk

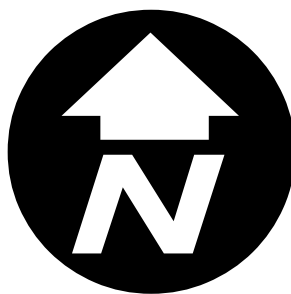
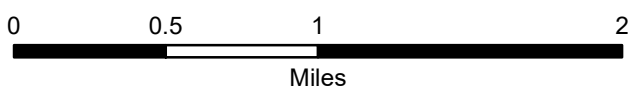
2018 - 2023 CIP Non-Motorized Projects and 2012 Non-Motorized Plan



Map Date: 10/4/2017

LEGEND

- Road Network
- Existing Non-motorized Facility
- 2012 Non-Motorized Plan



Project Year

- 2018:
 - Green Meadow Dr to West Michigan Ave
 - Remainder of West Main St to Stadium Dr
 - 8th St to 11th St (Phase I)
 - Drake Rd to Copper Beech (Phase I)
 - Erie St to Prairie Ridge, (Phase I)
- 2019:
 - Drake Rd to Copper Beech (Phase II)
 - Erie to Prairie Ridge (Phase II)
 - 8th St to 11th St (Phase II)
- 2020:
 - Erie to Prairie Ridge (Phase III)
 - 8th St to 11th St (Phase III)
 - Drake Rd to Copper Beech (Phase III)
- 2021:
 - Copper Beech to 9th St (Phase I)
 - KL Ave to Stadium Dr (Phase I)
- 2022:
 - Prairie Ridge to West Main St (Phase I)
 - Copper Beech to 9th St (Phase II)
 - KL Ave to Stadium Dr (Phase II)
- 2023:
 - Prairie Ridge West Main (Phase II)
- TBD:
 - 9th St to Stadium Dr
 - North 10th St Non-Motorized Facility
 - Maple Hill Dr & Croyden Ave Sidewalk

Road Improvements

Project Year:		2018		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
BTR Park 2.0: Road Construction	\$384,000	\$384,000 100%	General Fund	Development of a new road to serve a 55 acre vacant parcel located at the north-west corner of Drake Road and Parkview. The new infrastructure is intended to spur development of the property, which is an expansion of the Western Michigan University existing BTR park located to the south of the subject site.
Annual Local Road Improvements	\$460,000	\$460,000 100%	General Fund, RCKC	Maintenance and improvement of local roads in the Township. The Township provides matching dollars to receive PAR funds from the RCKC.

Project Year:		2019-2023		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Annual Local Road Improvements	\$3,250,000 (\$650,000 Annually)	\$3,250,000 (\$650,000 Annually)	General Fund, RCKC	Maintenance and improvement of local roads in the Township. The Township provides matching dollars to receive PAR funds from the RCKC.

Sanitary Sewer

Project Year:		2018		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Business Technology Re-research (BTR) Park 2.0 Sewer Extension	\$151,000	\$151,000 100%	Sewer Fund	Extension of sewer facilities to serve a 55 acre vacant parcel located at the northwest corner of Drake Road and Parkview. The new infrastructure is intended to spur development of the property, which is an expansion of the Western Michigan University existing BTR park located to the south of the subject site.
Sanitary Sewer Extensions: Topo and Engineering Design	\$425,000	\$425,000 100%	USDA Loan Phase 1	Survey and design for Phase 1 sanitary sewer projects financed under the USDA Loan Program. Projects include: Beech Street, Fairlane Plat, Meridian Avenue and Sunset, Skyridge Plat, West Main Street (7th to 8th Street), and Whitegate Farms Plat.
West Main Focus Area Sewer (south side)	\$490,000	\$0 0%	Private Developer	Extend approximately 2,400 feet of public sewer starting at the north side of West Main Street, crossing the highway, and then parallel to West Main Street to provide sewer services along the south-side frontage of the 9th Street focus area.

Project Year:		2019		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Beech Street Sewer	\$468,000	\$468,000 100%	USDA Loan Phase 1	Install approximately 0.4 mile of gravity sanitary sewer in Beech Street.
Fairlane Plat Sewer	\$1,103,000	\$1,103,000 100%	USDA Loan Phase 1	Approximately 0.9 miles of public sewers to be extended into a 60-year old neighborhood to replace aged and failing private septic systems.
Meridian Avenue and Sunset Road Sewer	\$299,000	\$299,000 100%	USDA Loan Phase 1	Extend approximately 1300 feet of public sewer to serve the Pioneer Acres (1953) and Glittenberg (1957) plats.

Project Year:		2019 Continued		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Skyridge Plat: Sewer and Pump Station	\$2,071,000	\$2,071,000	USDA Loan Phase 1	Extend approximately 1.2 miles of gravity sewer to service outlots fronting Drake Road at Skyridge Church and to serve the surrounding 50 year old residential plats defined by Skyridge, Driftwood, Westview and Mandalay. This project will also include a sanitary sewer pump station (size to be determined).
West Main Street Sewer: 7th Street to 8th Street with 7th Street Pump Station	\$1,564,000	\$1,564,000 100%	USDA Loan Phase 1	Build approximately 0.6 mile of sanitary sewer along the south side of West Main Street, west of 8th Street, to provide sewer service to the Township municipal building and adjacent public and private facilities. Project will include about 2300 feet of sewer in 7th Street to a new Pump Station and 1300-foot force main.
Whitegate Farms Plat Sewer	\$1,136,000	\$1,136,000 100%	USDA Loan Phase 1	Extend approximately 1.0 mile of gravity sanitary sewer to service the 50-year old Whitegate Farms residential area defined by the plat streets of Whitegate Lane, Powderhorn, Lamplighter and Castleton Lane.

Project Year:		2020		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Country Club Plat Sewer	\$2,330,000	\$2,330,000 100%	USDA Loan Phase 2	Install a little over 2 miles of sanitary sewer in the Country Club Village neighborhood south of West Main.
Westport and Meadowbrook Plat Sewer	\$12,165,000	\$12,165,000 100%	USDA Loan Phase 2	Extend about 9-1/4 miles of sanitary sewer into the Westport and Meadowbrook neighborhoods between 8th and 9th Streets, north of West Main Street.

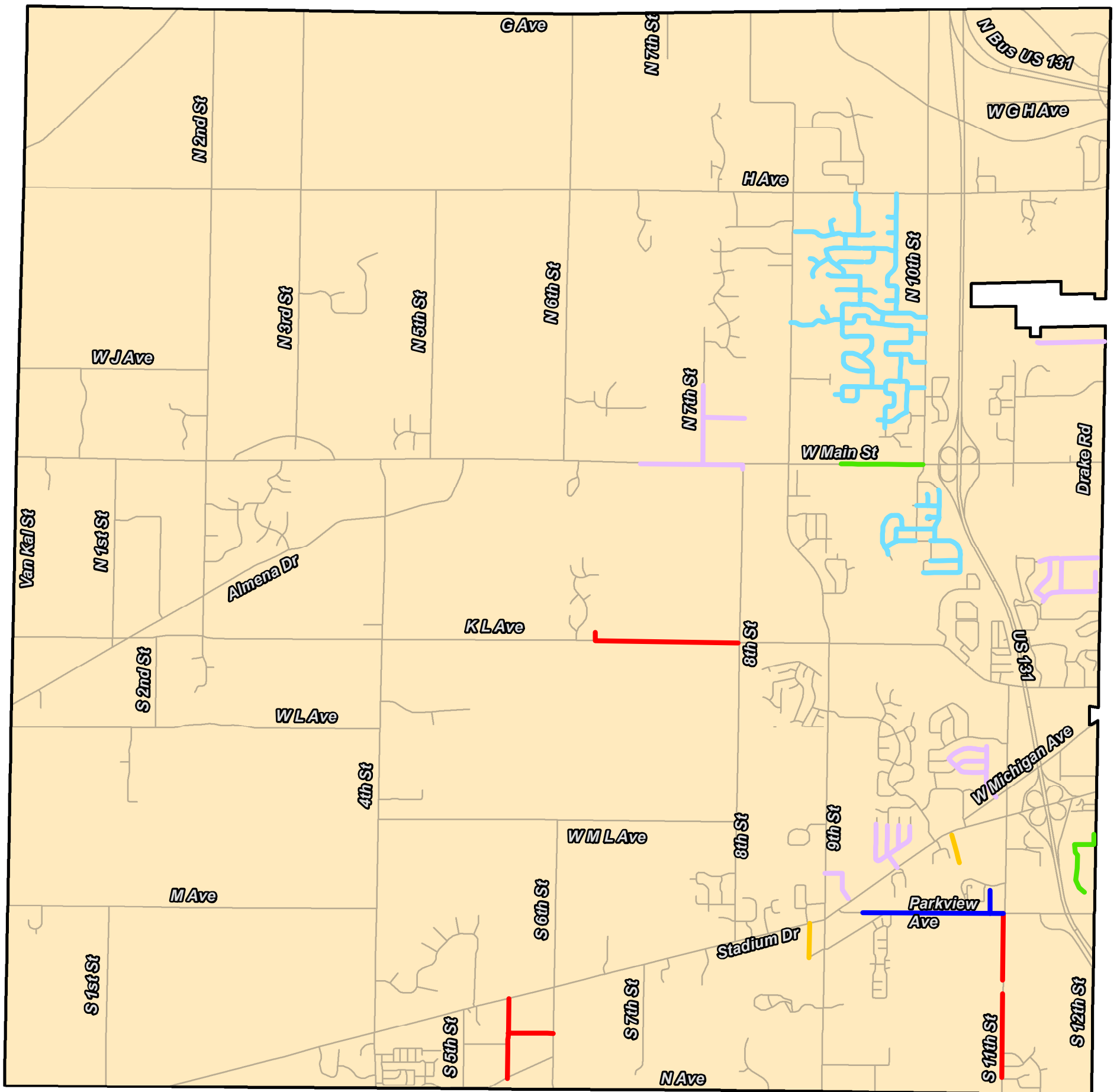
Project Year:		2021		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
South 11th Street Sewer: Parkview to N Avenue	\$1,459,000	\$1,459,000 100%	USDA Loan Phase 3	Extend approximately 0.8 mile of public sanitary sewer necessary to complete the public sewer system located along South 11th Street, between Parkview and N Avenues. Project will be concurrent with needed road reconstruction and a water transmission main.
Frie & Gibbs Plat: Sewer and Pump Station	\$1,460,000	\$1,460,000 100%	USDA Loan Phase 3	Extend about 0.7 mile of sewer into the Frie & Gibbs Plat (est 1911) with a Pump Station and approximately 3000 feet of force main.
KL Avenue, West of 8th Street Sewer	\$1,644,000	\$1,644,000 100%	USDA Loan Phase 3	Extension of major gravity sewer main/interceptor to the approximate limits of gravity flow. This sewer main will become the route that receives future sanitary sewer pump station flows that will serve the Almena & West Main commercial area and lands north of West Main Street, between 6th and 8th Street.

Project Year:		2022		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Chime Street Sewer	\$272,000	\$272,000 100%	Sewer Fund	Extend approximately 1016 feet of sewer into Chime Street to service a mixed use area of the Oshtemo DDA. Sewer will support redevelopment and long-term viability of the Kalamazoo Public School Chime Street School.
Plainview Street Sewer	\$224,000	\$224,000 100%	Sewer Fund	About 840 feet of sewer extension will be completed to serve the roughly fifteen, half-acre lots of the 1958 Plainview Plat.

Project Year:		2023		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Parkview Avenue Sewer	\$1,139,000	\$1,139,000 100%	Sewer Fund	Approximately 3/4th of a mile of sanitary sewer extension will provide sewer service to the remaining extent of Parkview Avenue. The extension includes 1200 foot of frontage within the Oshtemo DDA and is important to support redevelopment potential within the DDA. The remaining segments provide service to both sides of the north-line of the Genesee Prairie Sub-Area.
Vienna Street Sewer	\$187,000	\$187,000 100%	Sewer Fund	Proposed for inclusion with the Parkview Ave. sewer, this 675 foot extension will serve the 9 parcels along Vienna Street -- part of the 1959 Jacob's Plat.

Project Year:		Ongoing		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Miscellaneous Infrastructure Repairs and Improvements	\$120,000 (\$20,000 annually)	\$120,000 100%	Sewer Fund	\$20,000 annually for ongoing maintenance and repair to the public sewer facilities.

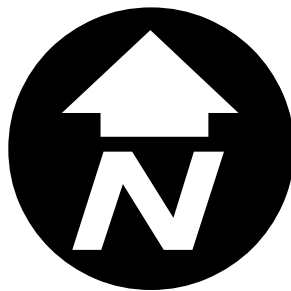
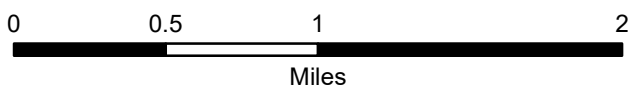
2018 - 2023 CIP Sanitary Sewer Projects



Map Date: 10/4/2017

LEGEND

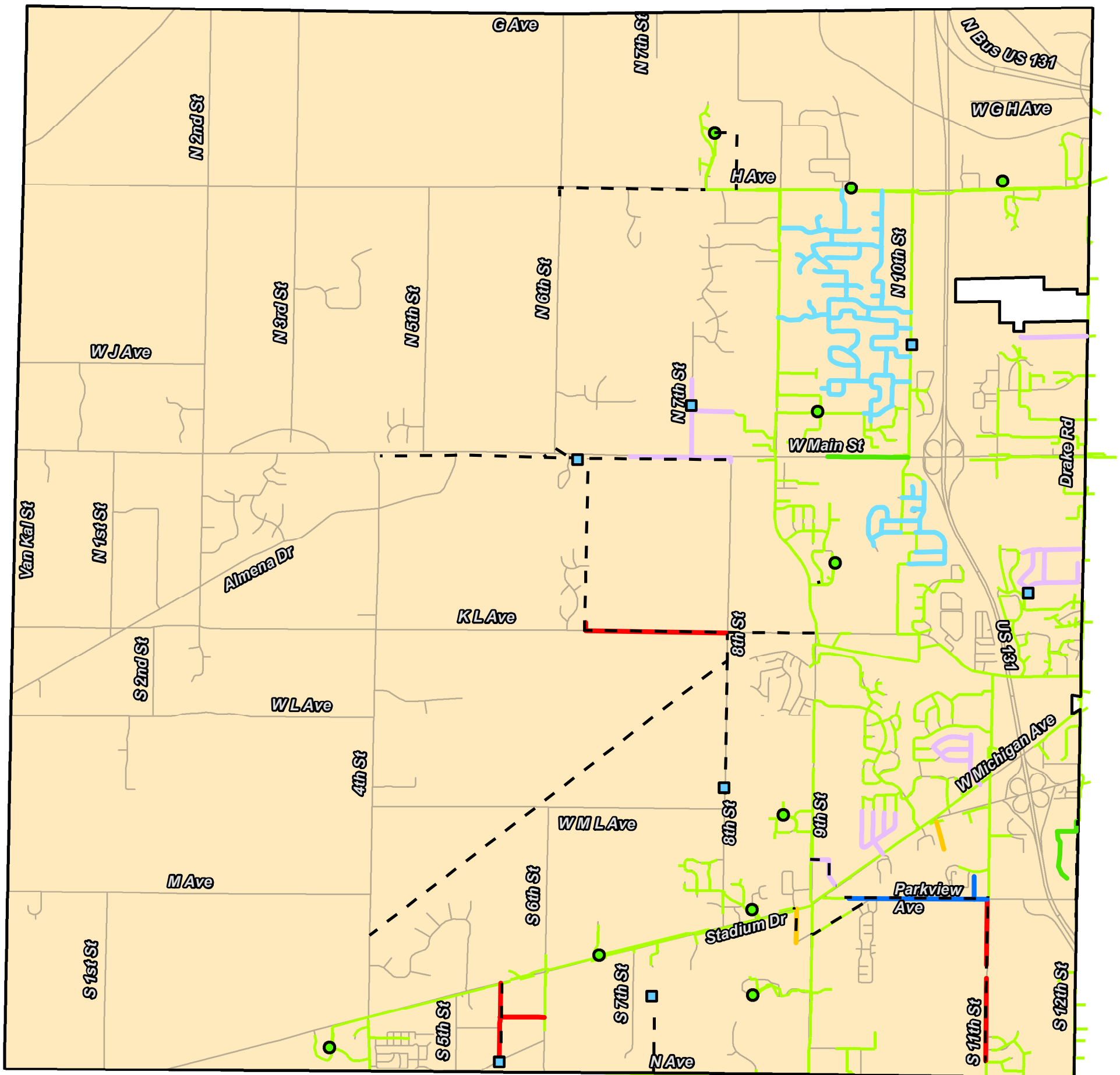
— Road Network



Project Year

- 2018: -BTR 2.0
-West Main St Focus (south-side)
- 2019: -Beech St
-Fairlane
-Meridian Ave/Sunset Rd
-Sky Ridge
-West Main
-Whitegate Farms
- 2020: -Country Club
-Westport/Meadowbrook
- 2021: -Frie & Gibbs/O'Park
-K L Ave
-South 11th St
- 2022: -Chime St
-Plainview
- 2023: -Parkview Ave
-Vienna St

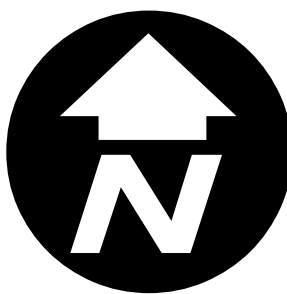
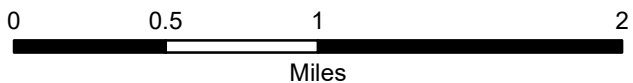
2018 - 2023 CIP Sanitary Sewer Projects and 2011 Master Plan



Map Date: 10/4/2017

LEGEND

- Road Network
- Existing Sanitary Sewer
- Existing Sanitary Pump Station
- Master Plan Sanitary Sewer
- Planned Sanitary Pump Station



Project Year

- 2018: -BTR 2.0
-West Main St Focus (south-side)
- 2019: -Beech St
-Fairlane
-Meridian Ave/Sunset Rd
-Sky Ridge
-West Main
-Whitegate Farms
- 2020: -Country Club
-Westport/Meadowbrook
- 2021: -Frie & Gibbs/O'Park
-KL Ave
-South 11th St
- 2022: -Chime St
-Plainview
- 2023: -Parkview Ave
-Vienna St

Sources:
Oshtemo Township GIS
Oshtemo Township 2011 Master Plan
Michigan Geographic Framework

Water

Project Year:		2018		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Business Technology Research (BTR) Park 2.0 Water Extension	\$155,000	\$155,00 100%	Water Fund	Extension of water facilities to serve a 55 acre vacant parcel located at the northwest corner of Drake Road and Parkview. The new infrastructure is intended to spur development of the property, which is an expansion of the Western Michigan University existing BTR park located to the south of the subject site.

Project Year:		2019		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
KLA Water: West Main Street from 2nd to 4th Street and along Big Rock Road	\$588,000	\$588,000 100%	Water Fund	Approximately 0.4 mile extension of 12-inch public water main to provide water service on the north side of West Main Street, west of 4th Street. Project will include a Pressure Reduction Station to extend the "Super High" pressure district to the north-side of M-43.

Project Year:		2020		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
West Main Street Extension: East of 6th Street	\$803,000	\$803,100 100%	Water Fund	Approximately 1.3 mile extension of 12-inch public water main to complete the missing sections of water service on the north side of West Main Street, extending from east of 8th Street to 6 th Street.

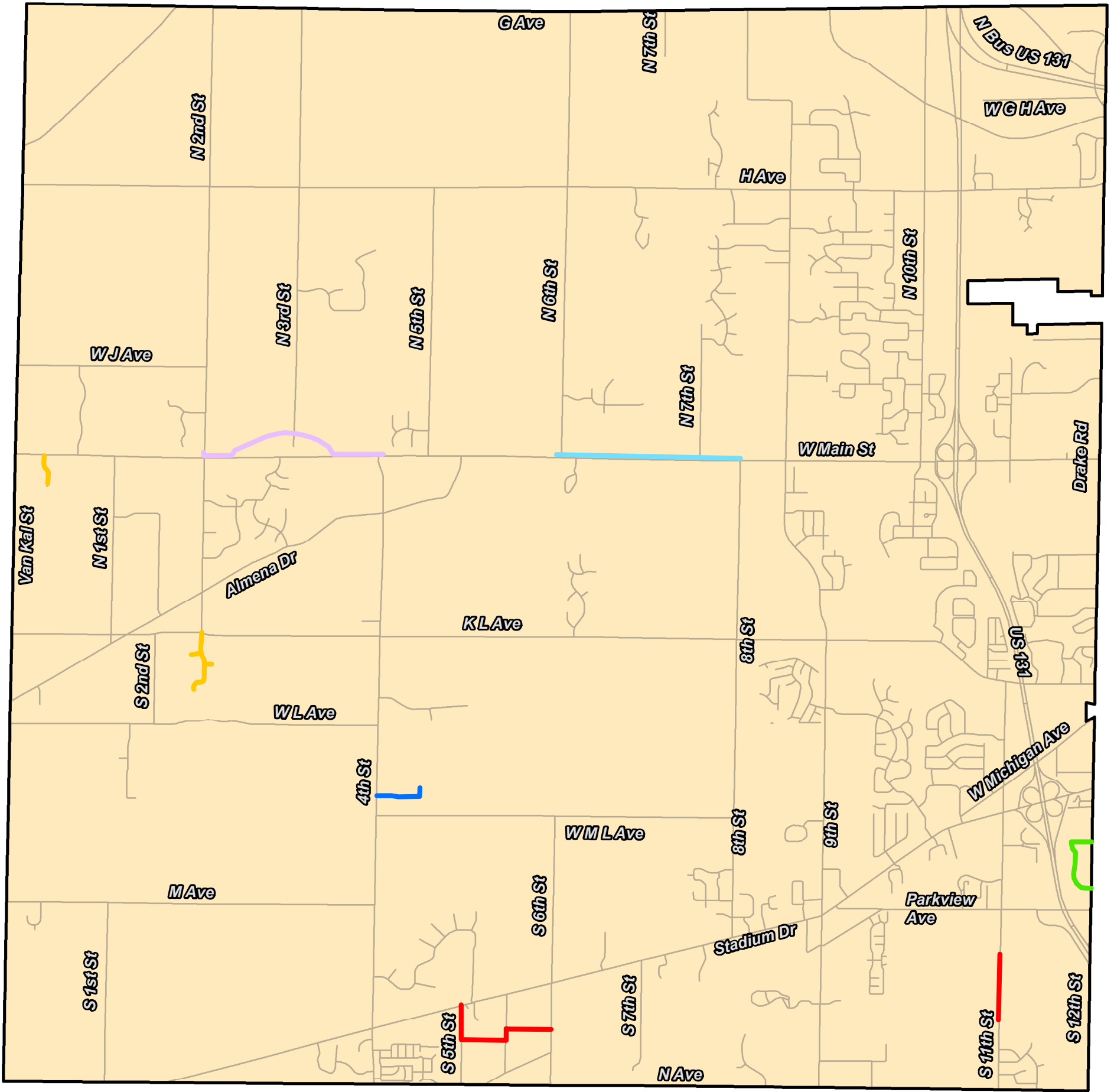
Project Year:		2021		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
South 11th Street	\$239,000	\$239,000 100%	Water Fund	This 12-inch "transmission" water main extension is perhaps more for system reliability and capacity as for the expansion of utility service. The extension is to be timed with a proposed public sewer extension and needed roadway reconstruction.
Frie and Gibbs Avenue	\$106,000	\$106,000 100%	Water Fund	Extend approximately 0.75 miles of public water main to complete a water service loop from South 6 th Street, via Frie and Gibbs Avenues and 5 th Street to Stadium Drive.

Project Year:		2022		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Chadd's Ford Way Plat	\$82,000	\$82,000 100%	Water Fund	Extension of about 900 feet of public water to serve the Chadd's Ford residential plat.
Oshtemo Valley Plat	\$182,000	\$182,000 100%	Water Fund	Extension of about 1900 feet of public water to serve the Oshtemo Valley residential plat.

Project Year:	2023			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Wendalyn Way	\$144,000	\$144,000 100%	Water Fund	Extend about 1500 feet of public water through the Wendalyn Woods Plat. This will make the utility available for private extension for further land division.

Project Year:	Ongoing			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Miscellaneous Repairs and Improvements	\$120,000 (\$20,000 annually)	\$120,000 100%	Water Fund	\$20,000 annually for ongoing maintenance and repair to the public water system.

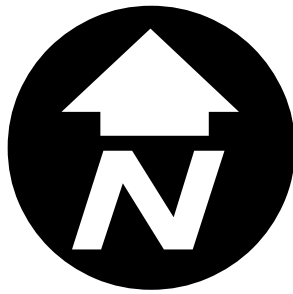
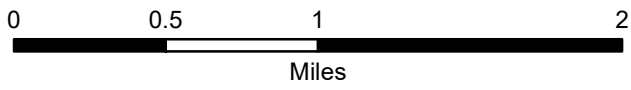
2018 - 2023 CIP Water Projects



Map Date: 10/4/2017

LEGEND

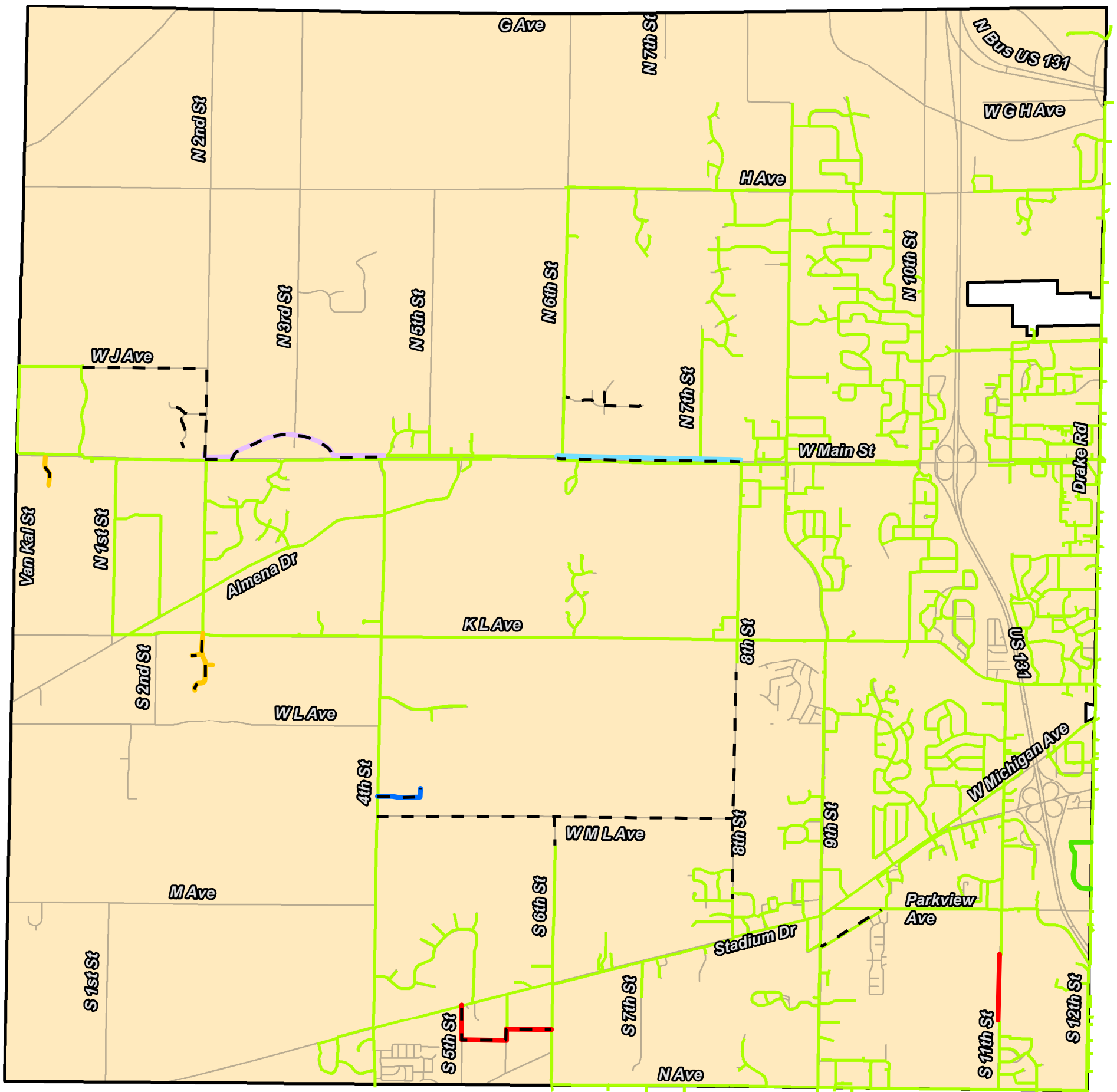
— Road Network



Project Year




- 2018: -BTR 2.0
- 2019: -West Main St & Big Rock Rd
- 2020: -West Main St Extension
- 2021: -Frie & Gibbs
-South 11th St
- 2022: -Chadds Ford Wy
-Oshtemo Trce
- 2023: -Wendalyn Wy

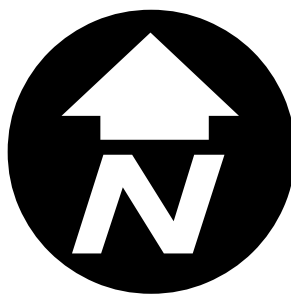
2018 - 2023 CIP Water Projects and 2011 Master Plan









Map Date: 10/4/2017

LEGEND

-  Road Network
-  Existing Water
-  Master Plan Water



Project Year

-  2018: -BTR 2.0
-  2019: -West Main St & Big Rock Rd
-  2020: -West Main St Extension
-  2021: -Frie & Gibbs
-South 11th St
-  2022: -Chadds Ford Wy
-Oshtemo Trce
-  2023: -Wendalyn Wy

Park Improvements

The Parks Fund is a separate reserve from the General Fund and revenues are primarily generated through rental of park facilities, transfers from the General Fund, grant resources and donations. As indicated in the following tables, several major projects identified in the CIP are predicated on obtaining grants from a State agency. The ability to proceed with the specified project will depend on the success in obtaining the grant. A map is provided following the tables illustrating the location of various proposed projects.

Project Year:		2018		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Park Improvements	\$25,300	\$25,300 100%	Park Fund	Various improvements for the Township’s parks: \$10,000 for asphalt maintenance, \$11,200 for site furnishings, and \$4,100 for plantings, tree care and playground safety surface.
Drake Farmstead Park, Phase 1b	\$282,000	\$150,000 53%	Park Fund, Private Donations, Recreation Passport Grant	Continue improvements as recommended in the Drake Farmstead Park Master Plan, including construction of the multi-purpose building, restoration of the reception room inside the historic house, and installation of an entry sign.
Drake Farmstead Park, Phase 2	\$205,000	\$68,500 33%	Park Fund, MNRTF	Continue improvements as recommended in the Drake Farmstead Park Master Plan, including construction of trails, parking lot, picnic shelter, outdoor classroom, and interpretive signage.

Project Year:		2019		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Drake Farmstead Park, Phase 3	\$50,000	\$25,000 50%	Park Fund, Private Donations, Foundation Grants	Continue improvements as recommended in the Drake Farmstead Park Master Plan, including construction of the educational garden, garden shed, and food forest.
Grange Hall: Ceiling and Lighting Improvements	\$60,000	\$20,000 30%	Park Fund, Recreation Passport Grant	Replace the drop ceiling, light fixtures, and fans in the upper level of the Grange Hall. Install added security lighting surrounding the building.
Drake/KL Avenue Parkland Acquisition	\$250,000	\$75,000 30%	Park Fund, MNRTF	Acquire land for future park on the east side of the Township in densely populated, underserved area between Drake Road, US-131, West Main Street, and KL Avenue.
Tennis/Basketball Court Surface Refurbishment	\$12,000	\$12,000 100%	Park Fund	Color coat, seal and strip the tennis courts and basketball courts at Township Park and Grange Hall.

Project Year:		2020		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Greenway Corridor Acquisition	\$170,000	\$51,000 30%	Park Fund, MNRTF	Acquire corridors through natural areas as identified in the Greenway Corridor Plan.
Drake/KL Avenue Parkland Construction	\$300,000	\$100,000 30%	Park Fund, MNRTF	Construct a new park on land acquired on the east side of the Township in densely populated area between Drake Road, US-131, West Main Street, and KL Avenue.

Project Year:		2020 continued		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Drake Farmstead Park, Phase 4	\$75,000	\$22,500 30%	Park Fund, Recreation Passport Grant	Continue improvements as recommended in the Drake Farmstead Park Master Plan, including construction of the gazebo.
HVAC Repairs and Upgrades	\$15,000	\$15,000 100%	Park Fund	Repair/upgrade HVAC systems at the Grange Hall, Oshtemo Community Center, and Drake Farmstead.

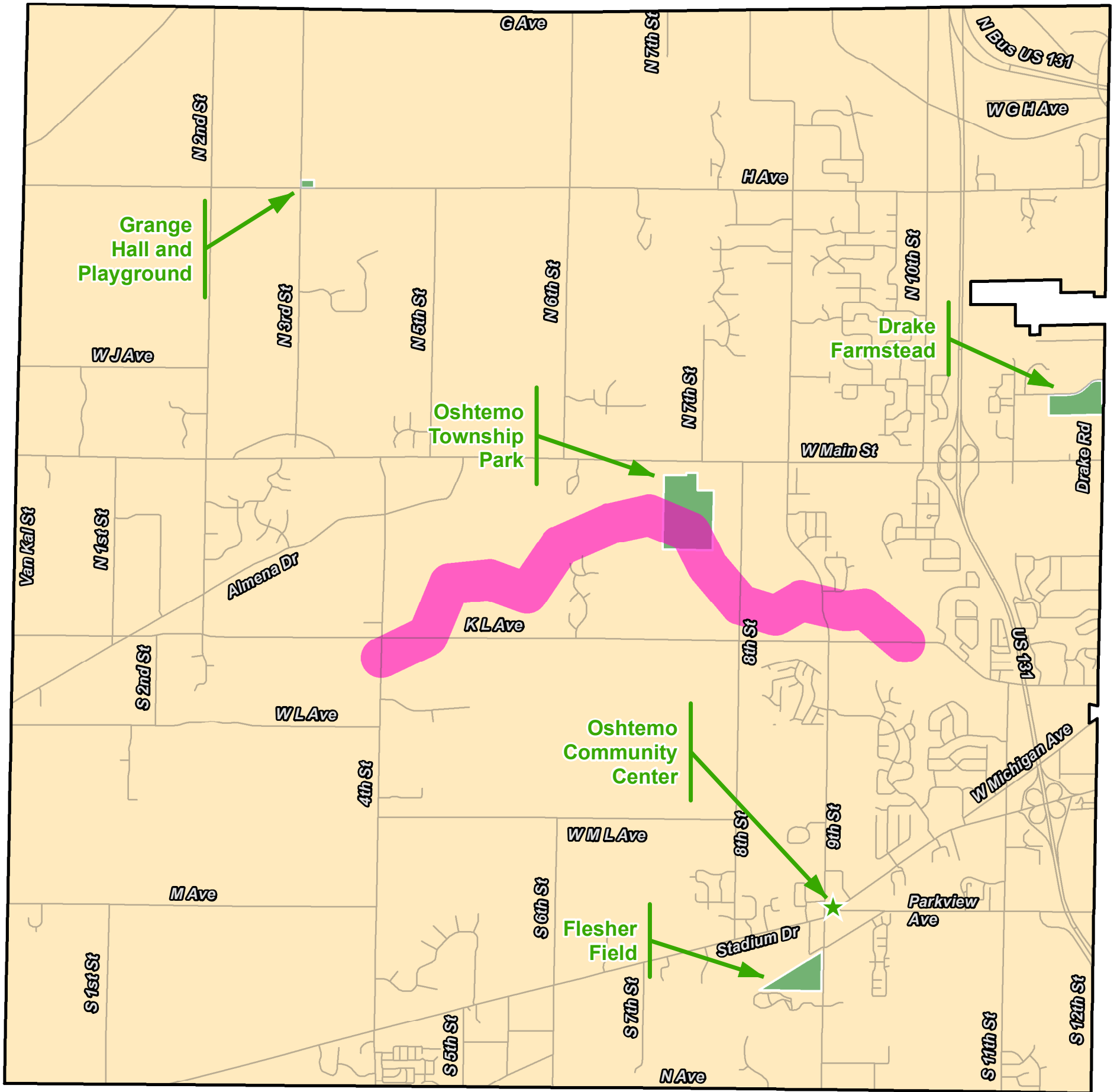
Project Year:		2021		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Flesher Field, Phase 3	\$150,000	\$150,000 100%	Park Fund	Build a basketball court, improve the trails and add trail map signs in the wooded area. Remove invasive exotic plant species and install native trees, shrubs and wildflowers.
Greenway Corridor Trail Construction, Phase 1	\$300,000	\$100,000 30%	Park Fund, MNRTF	Construct the first leg of a high priority greenway trail as identified in the Greenway Corridor Plan.

Project Year:		2022		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Greenway Corridor Trail Construction, Phase 2	\$300,000	\$100,000 30%	Park Fund, MNRTF	Construct the second leg of a high priority greenway trail as identified in the Greenway Corridor Plan.

Project Year:		2023			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>	
Greenway Corridor Trail Construction, Phase 3	\$300,000	\$100,000 30%	Park Fund, MNRTF	Construct the third leg of a high priority greenway trail as identified in the Greenway Corridor Plan.	
Township Park Refurbishment	\$90,000	\$27,000 30%	Park Fund, MNRTF	Upgrade and refurbish the disc golf course, trails and other park amenities.	




Project Year:		Ongoing / Date Unknown			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>	
Drake House Renovations	\$18,000 (\$3,000 Annually)	\$18,000 100%	Park Fund	Provide Township match for Oshtemo Historical Society’s continued renovations to the historic house. Anticipated work items include floor and woodwork refinishing, fireplace and kitchen renovations, etc.	
Kalamazoo Community Foundation: Oshtemo Township Parks and Recreation Endowment Fund	\$300,000 (\$50,000 annually)	\$300,000 100%	Park Fund	Annual contribution to endowment fund to build long term stability for Township parks.	

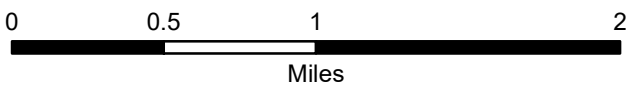
2018 - 2023 CIP Parks Projects



Map Date: 10/4/2017

LEGEND

-  Road Network
-  Township Park
-  Conceptual Greenway Corridor (Not to Scale)



Project Year

- 2018:
 - Park Improvements
 - Drake Farmstead Park, Phase 1b
 - Drake Farmstead Park, Phase 2
- 2019:
 - Drake Farmstead Park, Phase 3
 - Grange Hall Ceiling and Lighting Improvements
 - Drake Rd/KL Ave Parkland Acquisition
 - Tennis/Basketball Courts Surface Refurbishment
- 2020:
 - Greenway Corridor Acquisition
 - Drake Rd/KL Ave Parkland Construction
 - Drake Farmstead Park, Phase 4
 - HVAC Repair/Upgrades, Various Locations
- 2021:
 - Flesher Field, Phase 3
 - Greenway Corridor Trail Construction, Phase 1
- 2022:
 - Greenway Corridor Trail Construction, Phase 2
- 2023:
 - Drake House Renovations

Fire Equipment and Facilities

The Fire Department has prepared the following tables describing the capital expenditures proposed for 2018-2023. Most funds dedicated to capital expenses are directed toward maintenance/replacement of the department's vehicle fleet and major equipment. However, the department also operates and maintains three buildings; capital improvements will be needed in the future to ensure those facilities continue to serve the residents of the Township at the desired level.

Project Year:	2018			
Project Name	Project Costs	Twp Share	Funding Source	Description
Replacement Engine/Rescue	\$575,000	\$575,000 100%	Fire Fund	<p>This innovative consideration will replace one full sized engine and the only medium duty rescue with one vehicle designed to fulfill both functions. There will be an initial estimated purchase cost of up to \$575,000. However, an individual replacement engine is estimated to be \$500,000 and a medium duty rescue is priced at \$225,000. Therefore, the initial capital savings is around \$200,000.</p> <p>A one-time income of \$200,000 from the sale of the two current vehicles will be generated. In summary, the replacement Engine Rescue is estimated to cost \$575,000, but with an offset of \$200,000 through savings and sales, the actual cost is estimated to total \$375,000.</p>
Fire Station #2: Maintenance	\$19,500	\$19,500 100%	Fire Fund	Gutter replacement and downspout repair, window replacement, parking lot repair and installation of an exhaust fan in the kitchen.
Fire Station #3: Maintenance	\$8,500	\$8,500 100%	Fire Fund	Repair damage to exterior cladding, repair overhead door frame and replace two furnaces.
Fire Equipment and Personal Protective Equipment Replacement	\$120,600	\$120,600 100%	Fire Fund	Replacement of standard equipment that have achieved their life expectancy, such as fire hoses, rescue gear, coats, pants, boots, etc.

Project Year:		2019			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>	
2003 Quint Engine: Replacement	\$850,000	\$850,000 100%	Fire Fund	Engine 532 – 2003 Quint. The vehicle’s performance has been dwindling and maintenance costs have been increasing. The company that manufactured the engine is now out of business. Thus replacement is recommended.	
2008 Pierce Engine: Refurbishment	\$100,000	\$100,000 100%	Fire Fund	Engine 511 – 2008 Pierce. This engine is first out for all reported structure fires. It is holding up well and refurbishment may be able to be delayed. Refurbishment allows for extended life of the vehicle.	
Fire Equipment and Personal Protective Equipment Replacement	\$110,950	\$110,950 100%	Fire Fund	Replacement of standard equipment that have achieved their life expectancy, such as fire hoses, rescue gear, coats, pants, boots, etc.	

Project Year:		2020			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>	
2010 PEO Car: Replacement	\$55,000	\$55,000 100%	Fire Fund	Unit 504 – 2010 Ford Explorer. Primarily used in the Township’s parking enforcement program (fire lanes and handicap parking). Also provides transport for trainings, meetings, and emergency response.	
2008 EMS SUV (x2): Replacement	\$110,000	\$110,000 100%	Fire Fund	Because these two SUVs are more agile and less expensive to purchase and operate than a large fire truck, they are used as the primary response vehicle to emergency medical incidents that do not involve an environmental hazard. These units are deployed from Station 1 and 2.	
Fire Equipment and Personal Protective Equipment Replacement	\$41,150	\$41,150 100%	Fire Fund	Replacement of standard equipment that have achieved their life expectancy, such as fire hoses, rescue gear, coats, pants, boots, etc. In addition, install 14 in-vehicle video units.	

Project Year:		2021			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>	
1994 Pierce Engine: Replacement	\$500,000	\$500,000 100%	Fire Fund	Engine 513 – 1994 Pierce. Engine responds from Station 3 and fills in for other engines when they are out of service for maintenance or repairs. The engine will be 27 years old at the time of replacement.	
Fire Equipment and Personal Protective Equipment Replacement	\$22,700	\$22,700 100%	Fire Fund	Replacement of standard equipment that have achieved their life expectancy, such as fire hoses, rescue gear, coats, pants, boots, etc.	
Project Year:		2022			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>	
Fire Equipment and Personal Protective Equipment Replacement	\$19,500	\$19,500 100%	Fire Fund	Replacement of standard equipment that have achieved their life expectancy, such as fire hoses, rescue gear, coats, pants, boots, etc.	
Project Year:		2023			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>	
2011 Smeal Aerial: Refurbishment	\$220,000	\$220,000 100%	Fire Fund	The only aerial truck for the department is scheduled to retain a 25 year life span. To meet that goal, significant body and chassis refurbishment is scheduled to be accomplished at the mid-point of the life expectancy.	
Fire Equipment and Personal Protective Equipment Replacement	\$189,850	\$189,850 100%	Fire Fund	Replacement of standard equipment that have achieved their life expectancy, such as fire hoses, rescue gear, coats, pants, boots, etc. In addition, six thermal imaging cameras will be purchased in 2023.	

