

# OSHTEMO CHARTER TOWNSHIP CAPITAL IMPROVEMENT PLAN 2019 - 2024



## ACKNOWLEDGMENTS

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Friends of the Parks

### OTHERS CONTRIBUTING TO THIS REPORT

Mark Barnes, Fire Chief

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## 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.

Capital improvement planning is not only prompted by the 2008 MPEA, but by ongoing planning drivers that influence Township decisions. Oshtemo continues to experience population increases, which has made comprehensive capital planning a necessity if the Township is to meet the current and future needs of its residents. The 2010 Census documented a population of 21,705 or a 27 percent population increase from the 2000 Census. This number grew to 22,710 persons or an additional 4.5 percent per the recent 2017 American Community Survey estimates.

Since 2010, numerous capital projects have been successfully completed, including extensive park redevelopments and expansions of the Township's nonmotorized transportation network. In addition, a mandatory connection policy for sanitary sewer was adopted by the Township Board in 2016. A Rural Development Loan through the U.S. Department of Agriculture is in the process of being secured to extend sanitary sewer into existing neighborhoods. The plans for these extensions are outlined in the Sewer capital improvement section of this Plan.

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 step towards success.

## GENERAL OVERVIEW

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





**Picnic Pavilion at Township Park**

In- deed, 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 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 implementation 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 timeframe 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
- Infrastructure Projects
  - \* Nonmotorized Facilities
  - \* Roads
  - \* Sanitary Sewer
  - \* Water
  - \* Storm Water
- Parks
- Fire

## 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 can be applied.

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



Engine 541—100' Aerial Platform

ment 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



Playground Equipment at Flesher Field

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 who reached their goal in 2018.

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.

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, nonmotorized 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.

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

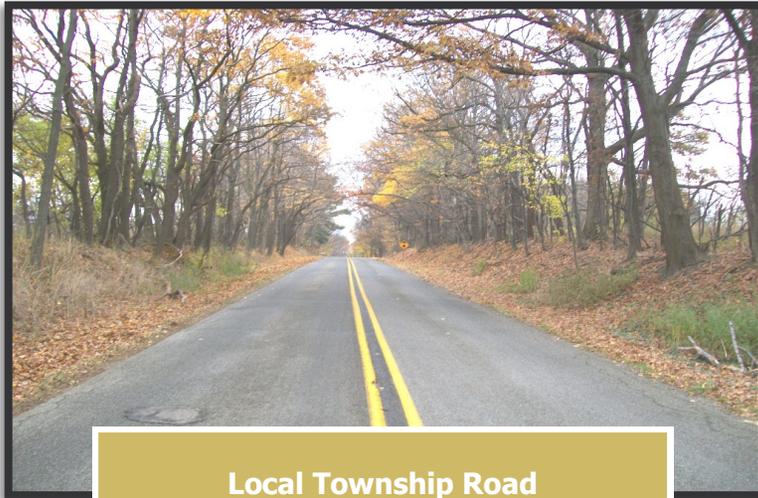


Sanitary Sewer Project Example

nance 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



Local Township Road

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 2.4 percent since 2014. 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.

### CAPTIAL IMPROVEMENT PLAN PROCESS

The development of this CIP began in 2015, when the Township created their first capital improvement program. Project ideas were narrowed down and prioritized based on availability of existing resources, prevailing 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 2019-2024 CIP, Township department directors were asked to review the 2018 CIP and make updates based on the most current information available. In addition, staff was asked to forecast anticipated projects for 2024.

Proposed projects for the 2019-2024 Capital Improvement Plan are presented in the tables beginning on page 10. A description of each project is then provided, beginning on page 20.

### 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 Nonmotorized 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 Township's future plans and the CIP is maintained, and the community remains a part of the planning process throughout.



Grange Hall Renovations

## SUMMARY FUND 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 10.

### 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.

	2019	2020	2021	2022	2023	2024
General Fund	\$4,326,622	\$3,719,400	\$4,246,832	\$4,432,100	\$3,635,500	\$4,672,600
Park Fund	\$195,700	\$200,000	\$241,000	\$242,000	\$233,000	\$244,000
Police Fund	\$1,414,420	\$1,433,230	\$1,460,620	\$1,488,545	\$1,517,035	\$1,546,095
Fire Fund	\$3,066,116	\$3,006,910	\$3,066,875	\$3,128,045	\$3,190,435	\$3,254,075
Sewer Fund	\$737,400	\$1,092,256	\$1,642,213	\$1,886,898	\$1,905,686	\$1,925,224
Water Fund	\$190,000	\$200,300	\$206,200	\$212,300	\$218,500	\$225,500
DDA	\$149,000	\$749,500	\$143,800	\$147,200	\$150,700	\$154,300
SODA	\$32,500	\$44,200	\$50,100	\$54,100	\$58,200	\$62,200
Street Light Fund	\$150,000	\$151,000	\$152,000	\$153,000	\$154,000	\$155,000
<b>TOTAL:</b>	\$10,261,758	\$10,596,796	\$11,209,640	\$11,744,188	\$11,081,056	\$12,238,994

## 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.

	2019	2020	2021	2022	2023	2024
General Fund	\$5,715,550	\$6,089,700	\$4,485,000	\$4,511,000	\$3,496,760	\$6,103,760
Park Fund	\$559,509	\$465,224	\$520,111	\$581,174	\$572,420	\$1,371,852
Police Fund	\$1,207,451	\$1,243,675	\$1,280,985	\$1,319,415	\$1,358,995	\$1,399,770
Fire Fund	\$2,841,928	\$2,719,495	\$3,743,905	\$3,118,755	\$3,528,505	\$3,283,670
Sewer Fund	\$8,743,675	\$20,367,098	\$1,565,863	\$2,373,948	\$3,139,086	\$1,874,824
Water Fund	\$505,275	\$489,900	\$116,800	\$119,700	\$122,700	\$1,980,800
DDA	\$606,250	\$1,044,000	\$147,632	\$70,000	\$90,000	\$90,000
SODA	\$37,800	\$43,200	\$49,000	\$54,450	\$54,900	\$60,400
Street Light Fund	\$130,000	\$763,000	\$65,000	\$65,000	\$65,000	\$65,000
<b>TOTAL:</b>	\$20,347,438	\$33,225,292	\$11,974,296	\$12,213,442	\$12,428,366	\$16,230,076

## 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 2019 through 2024 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 2018, 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. General fund and parks projects in particular will require supplemental revenue sources in order to be implemented as proposed.

	2019	2020	2021	2022	2023	2024
General Fund	\$3,786,456	\$403,656	\$2,988	\$(238,412)	\$(262,172)	\$(1,855,832)
Park Fund	\$15,103	\$9,879	\$(269,232)	\$(608,407)	\$(947,826)	\$(2,075,678)
Police Fund	\$439,170	\$631,225	\$813,360	\$984,990	\$1,145,530	\$1,294,355
Fire Fund	\$1,910,625	\$2,198,040	\$1,521,010	\$1,530,300	\$1,192,230	\$1,162,635
Sewer Fund	\$927,098	\$(1,097,744)	\$1,116,606	\$879,556	\$(103,844)	\$196,556
Water Fund	\$719,451	\$429,851	\$519,251	\$611,851	\$707,651	\$(1,047,649)
DDA	\$326,284	\$31,784	\$27,952	\$105,152	\$165,852	\$230,152
SODA	\$30,345	\$31,345	\$32,445	\$32,095	\$35,395	\$37,195
Street Lighting Fund	\$125,471	\$13,471	\$10,471	\$8,471	\$7,471	\$7,471

## CAPITAL IMPROVEMENT PLAN TABLES

The tables on the following pages present the 2019 budget and five years of capital improvement planning for Oshtemo Township from 2020 through 2024. 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 that will help 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 nonmotorized 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 nonmotorized 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**

**Projected Revenue and Expenditures for 2019 - 2024**

	2019	2020	2021	2022	2023	2024
<b>REVENUES:</b>						
Property taxes	\$ 1,148,500	\$ 1,159,600	\$ 1,182,800	\$ 1,206,500	\$ 1,230,600	\$ 1,255,100
Licenses and permits	\$ 180,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Capital State & Other Grants - Roll Up Summary	\$ 929,030	\$ 282,000	\$ 744,832	\$ 864,000	\$ -	\$ 968,100
State grants/revenue sharing	\$ 1,931,232	\$ 1,932,000	\$ 1,970,000	\$ 2,009,000	\$ 2,049,000	\$ 2,089,000
Interest and rentals	\$ 35,800	\$ 35,800	\$ 35,800	\$ 35,800	\$ 35,800	\$ 35,800
Other	\$ 102,060	\$ 110,000	\$ 113,400	\$ 116,800	\$ 120,100	\$ 124,600
<b>Total Revenues:</b>	<b>\$ 4,326,622</b>	<b>\$ 3,719,400</b>	<b>\$ 4,246,832</b>	<b>\$ 4,432,100</b>	<b>\$ 3,635,500</b>	<b>\$ 4,672,600</b>
<b>EXPENDITURES:</b>						
Operating expenditures	\$ 2,341,790	\$ 2,665,000	\$ 2,745,000	\$ 2,830,000	\$ 2,915,000	\$ 3,005,000
Capital expenditures:						
<b>NON-MOTORIZED PROJECTS</b>						
Drake Road Shared Use Path (W. Main St to Green Meadow Dr)	\$ 829,440	\$ -	\$ -	\$ -	\$ -	\$ -
Drake Road Shared Use Path (Green Meadow Dr to W. Michigan Ave)	\$ 1,047,600	\$ -	\$ -	\$ -	\$ -	\$ -
Drake Road Shared Use Path (W. Michigan Ave to Stadium Dr)	\$ 276,480	\$ -	\$ -	\$ -	\$ -	\$ -
West Main St Cycle Track (8th St to Public Library)	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -
Fairgrove St Sidewalk (Mansfield St to Stadium Dr)	\$ 26,000	\$ -	\$ -	\$ -	\$ -	\$ -
KL Avenue Shared Use Path (Drake Rd to Copper Beach Blvd)	\$ 10,000	\$ 25,000	\$ 220,000	\$ 1,200,000	\$ -	\$ -
Stadium Drive Shared Use Path (11th St to DDA Boundary)	\$ 40,000	\$ 618,000	\$ -	\$ -	\$ -	\$ -
9th St Shared Use Path (Erie St to Quail Run Dr)	\$ 30,000	\$ 88,000	\$ 1,012,000	\$ -	\$ -	\$ -
11th Street Shoulders (Parkview Ave to N Ave)	\$ 11,240	\$ 140,000	\$ -	\$ -	\$ -	\$ -
Croyden Ave/Maple Hill Dr Sidewalk	\$ -	\$ 505,000	\$ -	\$ -	\$ -	\$ -
Green Meadow Dr Sidewalk (Drake Rd to Round Hill Rd)	\$ -	\$ 427,700	\$ -	\$ -	\$ -	\$ -
Whitegate Lane/Michigan Ave Sidewalk (Powderhorn Dr to 11th St)	\$ -	\$ 118,000	\$ -	\$ -	\$ -	\$ -
KL Ave Shoulders (Autumns Way Blvd to 8th St)	\$ -	\$ 147,000	\$ -	\$ -	\$ -	\$ -
8th St Shoulders (West Main St to KL Ave)	\$ -	\$ 162,000	\$ -	\$ -	\$ -	\$ -
Fruit Belt Line Non-Motorized Trail (Construction)	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -
Chime and Erie St Sidewalks (Stadium Dr to 9th St)	\$ -	\$ -	\$ -	\$ 95,000	\$ -	\$ -
9th St Shared Use Path (Quail Run Dr to W. Main St)	\$ -	\$ -	\$ -	\$ 42,000	\$ 130,000	\$ 1,383,000
11th Street 6' Sidewalk - East Side (Parkview Ave to N Ave)	\$ -	\$ -	\$ -	\$ -	\$ 25,760	\$ 362,760
11th Street Shared Use Path (Stadium Dr to KL Ave)	\$ -	\$ -	\$ -	\$ -	\$ 72,000	\$ 648,000
11th Street Shared Use Path (Parkview Ave to Stadium Dr)	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ 308,000
KL Avenue Shared Use Path (Copper Beech Blvd to 9th St)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,000
Maintenance Repair & Reconstruction	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
<b>INFORMATION TECHNOLOGY</b>	<b>\$ 74,000</b>	<b>\$ 49,000</b>	<b>\$ 24,000</b>	<b>\$ 24,000</b>	<b>\$ 24,000</b>	<b>\$ 80,000</b>
<b>LOCAL ROAD IMPROVEMENTS</b>						
BTR Park 2.0	\$ 366,500	\$ -	\$ -	\$ -	\$ -	\$ -
Driftwood and Skyridge Aves: Traffic Calming Improvements	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ -
Road Improvements (Sewer Projects)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Annual Local Road Improvements (PAR)	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
<b>GENERAL PROJECTS</b>						
Green Burial Development	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -
Township Hall Carpet	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -
Maintenance Trailer	\$ 3,500	\$ -	\$ -	\$ -	\$ -	\$ -
Maintenance Facility; New Storage Building (2019) and Shop Bldg (2020)	\$ 115,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -
Plotter/Scanner	\$ 12,000	\$ -	\$ -	\$ -	\$ -	\$ -
Maint. Truck x2 Replacement (2019 and 2020); Plow Truck (2020) New	\$ -	\$ 140,000	\$ 70,000	\$ -	\$ -	\$ -
Election Equipment: Laptops (2020) and Tabulators (2022)	\$ -	\$ 10,000	\$ -	\$ 25,000	\$ -	\$ -
Bobcat with Snow Blower and Trailer (New)	\$ -	\$ -	\$ 67,000	\$ -	\$ -	\$ -
Lawn Equipment	\$ -	\$ -	\$ 26,000	\$ -	\$ -	\$ -
Camry Replacement	\$ -	\$ -	\$ 26,000	\$ -	\$ -	\$ -
Cemetery Maintenance and Upgrades	\$ 10,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
<b>STORM WATER PROJECTS</b>						
Elks Plat - Upgrades to Pump Station	\$ 12,000	\$ -	\$ -	\$ -	\$ -	\$ -
General Investigations and Retrofit Coordination	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
<b>Total Expenditures:</b>	<b>\$ 5,715,550</b>	<b>\$ 6,089,700</b>	<b>\$ 4,485,000</b>	<b>\$ 4,511,000</b>	<b>\$ 3,496,760</b>	<b>\$ 6,103,760</b>
<b>OTHER FINANCING SOURCES (USES):</b>						
To Police Fund	\$ (2,400)	\$ (2,500)	\$ (2,500)	\$ (2,500)	\$ (2,500)	\$ (2,500)
To Street Light	\$ -	\$ (500,000)	\$ -	\$ -	\$ -	\$ -
To Sewer	\$ (250,000)	\$ (250,000)	\$ (250,000)	\$ (250,000)	\$ (250,000)	\$ (250,000)
To Parks Fund	\$ (175,000)	\$ (260,000)	\$ -	\$ -	\$ -	\$ -
From Street Light Fund	\$ -	\$ -	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000
Debt Proceeds	\$ 1,654,126	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Net Other Financing Sources (Uses):</b>	<b>\$ 1,226,726</b>	<b>\$ (1,012,500)</b>	<b>\$ (162,500)</b>	<b>\$ (162,500)</b>	<b>\$ (162,500)</b>	<b>\$ (162,500)</b>
<b>FUND BALANCES:</b>						
Net change in fund balance	\$ (162,202)	\$ (3,382,800)	\$ (400,668)	\$ (241,400)	\$ (23,760)	\$ (1,593,660)
Beginning fund balance - Restricted for Building Department	\$ 392,882	\$ 273,765	\$ 253,765	\$ 233,765	\$ 213,765	\$ 194,765
Beginning fund balance (Estimated)	\$ 3,555,776	\$ 3,512,691	\$ 149,891	\$ (230,777)	\$ (452,177)	\$ (456,937)
<b>Ending Fund Balance:</b>	<b>\$ 3,786,456</b>	<b>\$ 403,656</b>	<b>\$ 2,988</b>	<b>\$ (238,412)</b>	<b>\$ (262,172)</b>	<b>\$ (1,855,832)</b>
Ending fund balance as a % of operating expenditures	162%	15%	0%	-8%	-9%	-62%

**PARK FUND - 107**

**Projected Revenue and Expenditures for 2019 - 2024**

	2019	2020	2021	2022	2023	2024
<b>REVENUES:</b>						
State grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest and rentals	\$ 38,000	\$ 40,000	\$ 41,000	\$ 42,000	\$ 43,000	\$ 44,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grants and other revenues	\$ 157,700	\$ 160,000	\$ 200,000	\$ 200,000	\$ 190,000	\$ 200,000
<b>Total Revenues:</b>	\$ 195,700	\$ 200,000	\$ 241,000	\$ 242,000	\$ 233,000	\$ 244,000
<b>EXPENDITURES:</b>						
Operating expenditures	\$ 190,509	\$196,224.27	\$202,111.00	\$208,174.33	\$214,419.56	\$220,852.14
<b>Capital expenditures:</b>						
Drake Farmstead Park, Phase 1 (continued)	\$ 207,000	\$ -	\$ -	\$ -	\$ -	\$ -
Drake Farmstead Park, Phase 2	\$ 159,000	\$ -	\$ -	\$ -	\$ -	\$ -
Township Park/Grange Hall Court Resurface and Nets	\$ -	\$ 16,000	\$ -	\$ -	\$ -	\$ -
Neighborhood Park #1 - Drake / KL Avenue (Acquisition and Schematic Plan)	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -
HVAC Repairs and Upgrades (Grange Hall, Drake Farmstead, Community Center)	\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ -
Neighborhood Park #1 - Drake / KL Avenue (Construction)	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -
Open Space Acquisition - Phase 1 (Acquisition)	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -
Township Park Refurbishment	\$ -	\$ -	\$ -	\$ 70,000	\$ -	\$ -
Open Space Acquisition - Phase 2 (Acquisition)	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -
Grange Hall Nature Trail/Drainage Improvements	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ -
Flesher Field, Phase 3A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,000
Township Park Disc Golf Course Upgrades	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000
Drake Farmstead Park, Phase 3 (Construction)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Grange Hall Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000
Drake Farmstead Park, Phase 4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000
Flesher Field, Phase 3B	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000
KL Landfill Area Park Master Plan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000
Neighborhood Park #2 (Acquisition and Construction)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Flesher Field Refurbishment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000
Community Center Roof Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000
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
<b>Total Expenditures:</b>	\$ 559,509	\$ 465,224	\$ 520,111	\$ 581,174	\$ 572,420	\$ 1,371,852
<b>TRANSFERS:</b>						
From General Fund	\$ 175,000	\$ 260,000	\$ -	\$ -	\$ -	\$ -
<b>Total Transfers:</b>	\$ 175,000	\$ 260,000	\$ -	\$ -	\$ -	\$ -
<b>FUND BALANCE:</b>						
Net change in fund balance	\$(188,809)	\$ (5,224)	\$ (279,111)	\$ (339,174)	\$ (339,420)	\$ (1,127,852)
Beginning fund balance (Estimated)	\$ 203,912	\$ 15,103	\$ 9,879	\$ (269,232)	\$ (608,407)	\$ (947,826)
<b>Ending Fund Balance:</b>	\$ 15,103	\$ 9,879	\$ (269,232)	\$ (608,407)	\$ (947,826)	\$ (2,075,678)

**POLICE FUND - 207**  
**Projected Revenue and Expenditures for 2019 - 2024**

	2019	2020	2021	2022	2023	2024
<b>REVENUES:</b>						
Licenses and permits	\$ 2,000	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
Ordinance, parking and other violations	\$ 48,540	\$ 48,000	\$ 48,000	\$ 48,000	\$ 48,000	\$ 48,000
State grants	\$ 20,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000
Interest	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
Other (Assessment)	\$ 1,342,380	\$ 1,369,230	\$ 1,396,620	\$ 1,424,545	\$ 1,453,035	\$ 1,482,095
<b>Total Revenues:</b>	<b>\$ 1,414,420</b>	<b>\$ 1,433,230</b>	<b>\$ 1,460,620</b>	<b>\$ 1,488,545</b>	<b>\$ 1,517,035</b>	<b>\$ 1,546,095</b>
<b>EXPENDITURES:</b>						
Operating expenditures	\$ 1,207,451	\$ 1,243,675	\$ 1,280,985	\$ 1,319,415	\$ 1,358,995	\$ 1,399,770
Capital expenditures:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Expenditures:</b>	<b>\$ 1,207,451</b>	<b>\$ 1,243,675</b>	<b>\$ 1,280,985</b>	<b>\$ 1,319,415</b>	<b>\$ 1,358,995</b>	<b>\$ 1,399,770</b>
<b>TRANSFERS:</b>						
From General Fund	\$ 2,400	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
<b>Total Transfers:</b>	<b>\$ 2,400</b>	<b>\$ 2,500</b>				
<b>FUND BALANCE:</b>						
Net change in fund balance	\$ 209,369	\$ 192,055	\$ 182,135	\$ 171,630	\$ 160,540	\$ 148,825
Beginning fund balance (Estimated)	\$ 229,801	\$ 439,170	\$ 631,225	\$ 813,360	\$ 984,990	\$ 1,145,530
<b>Ending Fund Balance:</b>	<b>\$ 439,170</b>	<b>\$ 631,225</b>	<b>\$ 813,360</b>	<b>\$ 984,990</b>	<b>\$ 1,145,530</b>	<b>\$ 1,294,355</b>

**FIRE FUND - 206 and 211**  
**Projected Revenue and Expenditures for 2019 - 2024**

	2019	2020	2021	2022	2023	2024
<b>REVENUES:</b>						
Interest	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
Other (miscellaneous)	\$ 125,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000
Other (special assessment)	\$ 2,939,616	\$ 2,998,410	\$ 3,058,375	\$ 3,119,545	\$ 3,181,935	\$ 3,245,575
<b>Total Revenues:</b>	\$ 3,066,116	\$ 3,006,910	\$ 3,066,875	\$ 3,128,045	\$ 3,190,435	\$ 3,254,075
<b>EXPENDITURES:</b>						
Operating expenditures	\$ 2,357,981	\$ 2,428,720	\$ 2,501,580	\$ 2,576,630	\$ 2,653,930	\$ 2,733,545
Capital expenditures:						
Fire Station 1 Maintenance, Sewer Connection, New Station	\$ 235,218	\$ 20,000	\$ 500,000	\$ 450,000	\$ 450,000	\$ 450,000
Fire Station 2 Maintenance	\$ -	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Fire Station 3 Maintenance	\$ -	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Station Alerting System - Phase 1 & 2	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -
Rescue Engine - Final Payment	\$ 159,344	\$ -	\$ -	\$ -	\$ -	\$ -
Township Plow Truck - Purchase Assistance	\$ -	\$ -	\$ 7,000	\$ -	\$ -	\$ -
2008 EMS SUV (x2)	\$ -	\$ 110,000	\$ -	\$ -	\$ -	\$ -
2010 PEO Car (Ford)	\$ -	\$ 55,000	\$ -	\$ -	\$ -	\$ -
Engine 511 - 2008 Pierce (Refurbish)	\$ -	\$ -	\$ 110,000	\$ -	\$ -	\$ -
Engine 513 - 1994 Pierce (Replace)	\$ -	\$ -	\$ 550,000	\$ -	\$ -	\$ -
Command Car 500 - 2015 Tahoe (Replace)	\$ -	\$ -	\$ -	\$ -	\$ 55,000	\$ -
Truck 541 - 2011 Smeal Aerial (Refurbish)	\$ -	\$ -	\$ -	\$ -	\$ 220,000	\$ -
Fire Equipment	\$ 44,460	\$ 35,000	\$ 25,000	\$ 25,000	\$ 98,500	\$ 52,500
Personal Protection Equipment	\$ 44,925	\$ 25,775	\$ 25,325	\$ 42,125	\$ 26,075	\$ 22,625
<b>Total Expenditures:</b>	\$ 2,841,928	\$ 2,719,495	\$ 3,743,905	\$ 3,118,755	\$ 3,528,505	\$ 3,283,670
<b>FUND BALANCE:</b>						
Net change in fund balance	\$ 224,188	\$ 287,415	\$ (677,030)	\$ 9,290	\$ (338,070)	\$ (29,595)
Beginning fund balance (Estimated)	\$ 1,686,437	\$ 1,910,625	\$ 2,198,040	\$ 1,521,010	\$ 1,530,300	\$ 1,192,230
<b>Ending Fund Balance:</b>	\$ 1,910,625	\$ 2,198,040	\$ 1,521,010	\$ 1,530,300	\$ 1,192,230	\$ 1,162,635

**SEWER FUND - 490**

**Projected Revenue and Expenditures for 2019 - 2024**

	2019	2020	2021	2022	2023	2024
<b>REVENUES:</b>						
Additional Connection Fees	\$ -	\$ -	\$ 153,904	\$ 483,986	\$ 484,077	\$ 484,178
Debt Service Fees	\$ -	\$ 159,756	\$ 537,809	\$ 434,412	\$ 434,109	\$ 434,546
Interest	\$ 12,000	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500
Other (Surcharge & Assessments)	\$ 725,400	\$ 925,000	\$ 943,000	\$ 961,000	\$ 980,000	\$ 999,000
<b>Total Revenues:</b>	<b>\$ 737,400</b>	<b>\$ 1,092,256</b>	<b>\$ 1,642,213</b>	<b>\$ 1,886,898</b>	<b>\$ 1,905,686</b>	<b>\$ 1,925,224</b>
<b>EXPENDITURES:</b>						
Operating expenditures	\$ 501,467	\$ 560,900	\$ 577,700	\$ 595,000	\$ 612,900	\$ 625,000
Debt Service	\$ 130,058	\$ 529,698	\$ 941,713	\$ 1,168,398	\$ 1,168,186	\$ 1,168,724
Capital expenditures:						
BTR 2.0	\$ 144,000	\$ -	\$ -	\$ -	\$ -	\$ -
USDA Loan Phase 1A						
Skyridge Plat Sewer & Pump Station	\$ 2,195,550	\$ -	\$ -	\$ -	\$ -	\$ -
W Main Sewer and 7th St Pump Station (8th St to 7th St)	\$ 1,657,950	\$ -	\$ -	\$ -	\$ -	\$ -
USDA Loan Phase 1B						
Beech Street	\$ 495,600	\$ -	\$ -	\$ -	\$ -	\$ -
Fairlane Plat	\$ 1,169,700	\$ -	\$ -	\$ -	\$ -	\$ -
Meridian & Sunset	\$ 317,100	\$ -	\$ -	\$ -	\$ -	\$ -
Whitegate Farms Plat	\$ 1,147,000	\$ -	\$ -	\$ -	\$ -	\$ -
Country Club Plat	\$ 118,200	\$ 2,358,000	\$ -	\$ -	\$ -	\$ -
Westport and Meadowbrook Plat	\$ 576,150	\$ 11,494,000	\$ -	\$ -	\$ -	\$ -
11th Street Sanitary (Parkview to N Ave)	\$ 71,850	\$ 1,433,400	\$ -	\$ -	\$ -	\$ -
Frie and Gibbs Plat Sewer & Pump Station	\$ 81,000	\$ 1,616,000	\$ -	\$ -	\$ -	\$ -
KL Avenue (Autums Way to 8th Street)	\$ 82,200	\$ 1,639,900	\$ -	\$ -	\$ -	\$ -
8th Street (West Main to KL Avenue)	\$ 35,850	\$ 715,200	\$ -	\$ -	\$ -	\$ -
Chime Street	\$ -	\$ -	\$ 14,500	\$ 275,500	\$ -	\$ -
Plainview Street	\$ -	\$ -	\$ 11,950	\$ 227,050	\$ -	\$ -
Parkview Avenue (Stadium to 12th St)	\$ -	\$ -	\$ -	\$ 75,000	\$ 1,150,000	\$ -
Vienna Street	\$ -	\$ -	\$ -	\$ 13,000	\$ 188,000	\$ -
Promenade Street	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,100
Country Trail Homesites Plat and Penny Lane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 49,000
Misc. Infrastructure Repairs & Improvements	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
<b>Total Expenditures:</b>	<b>\$ 8,743,675</b>	<b>\$ 20,367,098</b>	<b>\$ 1,565,863</b>	<b>\$ 2,373,948</b>	<b>\$ 3,139,086</b>	<b>\$ 1,874,824</b>
<b>OTHER FINANCING SOURCES:</b>						
Debt Proceeds	\$ 8,308,000	\$ 17,000,000	\$ 1,888,000	\$ -	\$ -	\$ -
Transfer From General Fund	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
<b>Total Other Financing Sources:</b>	<b>\$ 8,558,000</b>	<b>\$ 17,250,000</b>	<b>\$ 2,138,000</b>	<b>\$ 250,000</b>	<b>\$ 250,000</b>	<b>\$ 250,000</b>
<b>FUND BALANCE:</b>						
Net change in fund balance	\$ 551,725	\$ (2,024,842)	\$ 2,214,350	\$ (237,050)	\$ (983,400)	\$ 300,400
Beginning fund balance (Estimated)	\$ 375,373	\$ 927,098	\$ (1,097,744)	\$ 1,116,606	\$ 879,556	\$ (103,844)
<b>Ending Fund Balance:</b>	<b>\$ 927,098</b>	<b>\$ (1,097,744)</b>	<b>\$ 1,116,606</b>	<b>\$ 879,556</b>	<b>\$ (103,844)</b>	<b>\$ 196,556</b>

**WATER FUND - 491**  
**Projected Revenue and Expenditures for 2019 - 2024**

	2019	2020	2021	2022	2023	2024
<b>REVENUES:</b>						
Interest	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000
Other (Surcharges, Assessments & Benefit Fees)	\$ 186,000	\$ 196,300	\$ 202,200	\$ 208,300	\$ 214,500	\$ 221,500
<b>Total Revenues:</b>	<b>\$ 190,000</b>	<b>\$ 200,300</b>	<b>\$ 206,200</b>	<b>\$ 212,300</b>	<b>\$ 218,500</b>	<b>\$ 225,500</b>
<b>EXPENDITURES:</b>						
Operating expenditures	\$ 122,275	\$ 94,900	\$ 96,800	\$ 99,700	\$ 102,700	\$ 105,800
Capital expenditures:						
BTR 2.0 Water Extension	\$ 146,000	\$ -	\$ -	\$ -	\$ -	\$ -
West Main St - North Side (7th St to 8th St)	\$ 217,000	\$ -	\$ -	\$ -	\$ -	\$ -
South 11th Street	\$ -	\$ 271,000	\$ -	\$ -	\$ -	\$ -
Frie & Gibbs Plat	\$ -	\$ 104,000	\$ -	\$ -	\$ -	\$ -
West Main St (2nd St to 4th St), Big Rock Road, with PRS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,855,000
Misc. Infrastructure Repairs & Improvements	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
<b>Total Expenditures:</b>	<b>\$ 505,275</b>	<b>\$ 489,900</b>	<b>\$ 116,800</b>	<b>\$ 119,700</b>	<b>\$ 122,700</b>	<b>\$ 1,980,800</b>
<b>FUND BALANCE:</b>						
Net change in fund balance	\$ (315,275)	\$ (289,600)	\$ 89,400	\$ 92,600	\$ 95,800	\$ (1,755,300)
Beginning fund balance (Estimated)	\$ 1,034,726	\$ 719,451	\$ 429,851	\$ 519,251	\$ 611,851	\$ 707,651
<b>Ending Fund Balance:</b>	<b>\$ 719,451</b>	<b>\$ 429,851</b>	<b>\$ 519,251</b>	<b>\$ 611,851</b>	<b>\$ 707,651</b>	<b>\$ (1,047,649)</b>

**DOWNTOWN DEVELOPMENT AUTHORITY FUND - 900**  
**Projected Revenue and Expenditures for 2019 - 2024**

	2019	2020	2021	2022	2023	2024
<b>REVENUES:</b>						
Property tax captures	\$ 106,000	\$ 110,000	\$ 113,300	\$ 116,700	\$ 120,200	\$ 123,800
Miscellaneous (Personal Property Loss)	\$ 40,000	\$ 35,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
Interest	\$ 3,000	\$ 1,500	\$ 500	\$ 500	\$ 500	\$ 500
Grants	\$ -	\$ 603,000	\$ -	\$ -	\$ -	\$ -
<b>Total Revenues:</b>	<b>\$ 149,000</b>	<b>\$ 749,500</b>	<b>\$ 143,800</b>	<b>\$ 147,200</b>	<b>\$ 150,700</b>	<b>\$ 154,300</b>
<b>EXPENDITURES:</b>						
Operating expenditures	\$ 36,250	\$ 29,000	\$ 32,000	\$ 35,200	\$ 39,000	\$ 42,900
Capital expenditures:						
Corner Site Improvements/Parking	\$ 470,000	\$ -	\$ -	\$ -	\$ -	\$ -
Stadium Drive Shared Use Path	\$ 80,000	\$ 1,005,000	\$ -	\$ -	\$ -	\$ -
9th St. Shared Use Path (Erie to Quail Run Dr)	\$ 10,000	\$ 29,000	\$ 137,632	\$ -	\$ -	\$ -
Streetscape Projects	\$ -	\$ -	\$ -	\$ 60,000	\$ 80,000	\$ 80,000
Grants Loan Program	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
<b>Total Expenditures:</b>	<b>\$ 606,250</b>	<b>\$ 1,044,000</b>	<b>\$ 147,632</b>	<b>\$ 70,000</b>	<b>\$ 90,000</b>	<b>\$ 90,000</b>
<b>FUND BALANCE:</b>						
Net change in fund balance	\$ (457,250)	\$ (294,500)	\$ (3,832)	\$ 77,200	\$ 60,700	\$ 64,300
Beginning fund balance (Estimated)	\$ 783,534	\$ 326,284	\$ 31,784	\$ 27,952	\$ 105,152	\$ 165,852
<b>Ending Fund Balance:</b>	<b>\$ 326,284</b>	<b>\$ 31,784</b>	<b>\$ 27,952</b>	<b>\$ 105,152</b>	<b>\$ 165,852</b>	<b>\$ 230,152</b>

**SOUTH DRAKE ROAD CORRIDOR IMPROVEMENT AUTHORITY FUND - 247**  
**Projected Revenue and Expenditures for 2019 - 2024**

	2019	2020	2021	2022	2023	2024
<b>REVENUES:</b>						
Property tax captures	\$ 32,500	\$ 44,000	\$ 49,900	\$ 53,900	\$ 58,000	\$ 62,000
Interest	\$ -	\$ 200	\$ 200	\$ 200	\$ 200	\$ 200
<b>Total Revenues:</b>	\$ 32,500	\$ 44,200	\$ 50,100	\$ 54,100	\$ 58,200	\$ 62,200
<b>EXPENDITURES:</b>						
Operating expenditures	\$ 7,800	\$ 8,200	\$ 9,000	\$ 9,450	\$ 9,900	\$ 10,400
Capital expenditures:						
Drake Road Nonmotorized Path Payment	\$ 30,000	\$ 35,000	\$ 40,000	\$ 45,000	\$ 45,000	\$ 50,000
General Projects	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Expenditures:</b>	\$ 37,800	\$ 43,200	\$ 49,000	\$ 54,450	\$ 54,900	\$ 60,400
<b>FUND BALANCE:</b>						
Net change in fund balance	\$ (5,300)	\$ 1,000	\$ 1,100	\$ (350)	\$ 3,300	\$ 1,800
Beginning fund balance (Estimated)	\$ 35,645	\$ 30,345	\$ 31,345	\$ 32,445	\$ 32,095	\$ 35,395
<b>Ending Fund Balance:</b>	\$ 30,345	\$ 31,345	\$ 32,445	\$ 32,095	\$ 35,395	\$ 37,195

**STREET LIGHT FUND - 219**  
**Projected Revenue and Expenditures for 2019 - 2024**

	2019	2020	2021	2022	2023	2024
<b>REVENUES:</b>						
Other (Assessment)	\$ 150,000	\$ 151,000	\$ 152,000	\$ 153,000	\$ 154,000	\$ 155,000
<b>Total Revenues:</b>	\$ 150,000	\$ 151,000	\$ 152,000	\$ 153,000	\$ 154,000	\$ 155,000
<b>EXPENDITURES:</b>						
Operating expenditures	\$ 130,000	\$ 130,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000
Capital expenditures:	\$ -	\$ 633,000	\$ -	\$ -	\$ -	\$ -
<b>Total Expenditures:</b>	\$ 130,000	\$ 763,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000
<b>TRANSFERS:</b>						
From General Fund	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -
To General Fund	\$ -	\$ -	\$ (90,000)	\$ (90,000)	\$ (90,000)	\$ (90,000)
<b>Total Transfers:</b>	\$ -	\$ 500,000	\$ (90,000)	\$ (90,000)	\$ (90,000)	\$ (90,000)
<b>FUND BALANCE:</b>						
Net change in fund balance	\$ 20,000	\$ (112,000)	\$ (3,000)	\$ (2,000)	\$ (1,000)	\$ -
Beginning fund balance (Estimated)	\$ 105,471	\$ 125,471	\$ 13,471	\$ 10,471	\$ 8,471	\$ 7,471
<b>Ending Fund Balance:</b>	\$ 125,471	\$ 13,471	\$ 10,471	\$ 8,471	\$ 7,471	\$ 7,471

# 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:		2019		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Information Technology</b>	\$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.
<b>Maintenance Trailer Replacement</b>	\$3,500	\$3,500 100%	General Fund	Replacement of a maintenance trailer that has reached the end of its utility.
<b>Green Burial Development</b>	\$5,000	\$5,000 100%	General Fund	Begin implementation of the Cemetery Master Plan, specifically exploring alternatives to standard burials.
<b>Township Hall Carpet Replacement</b>	\$30,000	\$30,000 100%	General Fund	Replace the carpet within the common areas of Township Hall.
<b>Maintenance Storage Facility: Construction</b>	\$115,000	\$115,000 100%	General Fund	Construction of a new storage facility for maintenance equipment and vehicles.
<b>Plotter/Scanner</b>	\$12,000	\$12,000 100%	General Fund	Replace the current plotter/scanner which has reached the end of its utility.
<b>Cemetery Maintenance and Upgrades</b>	\$10,000	\$10,000 100%	General Fund	Tree and shrub removal, as well as other maintenance updates, at the three cemeteries owned and maintained by the Township.

General Projects continued

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 shop building to house additional maintenance equipment and vehicles.	
Maintenance Truck and Plow: Replacement	\$140,000	\$140,000 100%	General Fund	Replacement of a maintenance truck (Ford) and snow plow that has reached the end of its utility.	
Election Equipment: Laptops	\$10,000	\$10,000 100%	General Fund	Replace the 10 laptops used during elections, which have reached the end of their utility.	

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.	
Vehicle Replacement: Camry	\$26,000	\$26,000 100%	General Fund	Replacement of the general staff vehicle that has reached the end of its utility.	
Lawn Equipment: Replacement	\$26,000	\$26,000 100%	General Fund	Replacement of various lawn equipment used to maintain Township facilities that has reach the end of its utility.	

General Projects continued

Project Year:	2021 continued			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Maintenance Truck Replacement	\$70,000	\$63,000 90%	General Fund	Replacement of a maintenance truck (Chevy) that has reached the end of its utility. Ten percent of the costs will be covered by the Fire Fund.
Bobcat with Snow Blower and Trailer: New	\$67,000	\$67,000 100%	General Fund	Purchase a new bobcat and snow blower with trailer for the Maintenance Department.

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: Tabulators	\$25,000	\$25,000 100%	General Fund	New tabulator 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.

General Projects continued

Project Year:	2024			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Information Technology	\$80,000	\$80,000 100%	General Fund	Computer replacements (seven) and software licensing. Some funding to be provided by the Fire Fund. Amount to be determined.

Project Year:	2020-2024			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Cemetery Maintenance and Upgrades	\$100,000 (\$20,000 annually)	\$100,000 100%	General Fund	Tree and shrub removal, as well as other maintenance updates, at the three cemeteries owned and maintained by the Township.

## 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:		2019—2024		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Facilities Equipment Fund (HVAC, Vehicles, Equipment)</b>	\$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.
<b>Facilities Capital Replacements</b>	\$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.

## Capital Infrastructure Projects

The projects found in this section of the CIP are generally the largest and most expensive projects managed by the Township. These projects include the development of local road improvements, street lights, nonmotorized facilities, the extensions of public water and sewer, and storm water management.

### 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, generally committing more than \$250,000 a year to the maintenance and improvement of Local Roads. As a result, the Pavement Surface Evaluation and Rating (PASER) score for 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 road funding so that improvement may occur 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.

### Nonmotorized Facilities

The nonmotorized project outlined in the CIP are based on the current Township Nonmotorized Plan and staff review. It is important to note that the Township is in the process of completing updates to the Nonmotorized Plan as part of the *GO!* Green Oshtemo planning effort. It is anticipated that projects outlined in the CIP will also be priorities of the *GO!* Green Oshtemo Plan.

The goal is to build a network of nonmotorized facilities along major roadways in the Township connecting neighborhoods and other population centers to existing nonmotorized accommodations, activity centers, and planned amenities in surrounding communities. Township funds are provided from the General Fund for on-road facilities and the Park Fund for off-road trails. In commercial areas, these funds may be supplemented with a special assessment. In select cases, nonmotorized projects may be eligible for MDOT or Michigan Natural Resources Trust Fund grant dollars, or other sources to assist with funding challenges. All MDOT eligible projects will be shared use paths, constructed as either a 10-foot two way path or 6-foot one-way paths located on both sides of the roadway. The timeliness to proceed with these projects will be predicated on the ability to secure grant approval.

### **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. Some of 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 the list of sanitary projects identified in the current CIP has expanded from previous years. 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 low interest rate Rural Development 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.)

## **Storm Water**

Storm water is defined as any water running off a land surface before it reaches some type of detention/retention area, be that a natural lake or a manmade detention/retention pond. The Township regulatory language states all owners, developers, or property owners shall be required to construct and maintain on-site storm water management and drainage facilities to prevent flow or runoff of surface water onto adjoining properties. In all developments, storm water management facilities must be maintained in good operating order. Most facilities found within neighborhoods are public, dedicated to the Kalamazoo County Drain Commission. Private residential subdivisions and condominiums may have systems that are owned and maintained by homeowner associations. Finally, commercial establishments generally maintain their own detention/retention basins. The funds outlined in the CIP are intended to improve an existing system managed by the Township and to allow for general storm water system investigations and retrofit coordination with the Drain Commission office.

## Road Improvements

Project Year:		2019			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>	
<b>BTR Park 2.0: Road Construction</b>	\$366,500	\$366,500 100%	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 for the expansion of the Western Michigan University existing BTR park located to the south of the subject site.	
<b>Driftwood and Skyridge Avenues: Traffic Calming Improvements</b>	\$180,000	\$180,000 100%	General Fund	These roads will be reconstructed during planned sanitary sewer extensions. Traffic calming capital expenditures are being considered to address homeowner safety concerns and will be further explored with RCKC as potentially acceptable control measures.	

Project Year:		2019 - 2024			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>	
<b>Annual Local Road Improvements</b>	\$1,500,000 (\$250,000 annually)	\$1,500,000 100%	General Fund	Maintenance and improvement of local roads in the Township. The Township provides matching dollars to receive PAR funds from the RCKC.	

## Nonmotorized Facilities

Project Year:		2019		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Drake Road Shared Use Path: West Main Street to Green Meadow Drive Construction</b>	\$829,440	\$414,720 50%	SoDA, General Fund, MDOT	Construction of a 6-foot wide shared-use non-motorized facility along the west side of Drake Road, to include some ADA corrections within existing sidewalk facilities.
<b>Drake Road Shared Use Path: Green Meadow Drive to West Michigan Avenue Construction</b>	\$1,047,600	\$726,800 69%	SoDA, General Fund, MDOT	Construction of a 10-foot wide shared-use, non-motorized facility along the west side of Drake Road to connect the existing path at Arboretum Parkway through to West Michigan Avenue.
<b>Drake Road Shared Use Path: West Michigan Avenue to Stadium Drive Construction</b>	\$276,480	140,708 51%	SoDA, General Fund, MDOT	Construction of a 10-foot wide shared-use, non-motorized facility along the west side of Drake Road. This facility will connect the Safety Grant funded pathway extent north of West Michigan Avenue, and extending south to the existing shared-use, non-motorized facility at Stadium Drive.
<b>9th Street Shared Use Path: Erie Street to Quail Run Drive Schematic Design</b>	\$30,000	\$30,000 100%	General Fund, DDA	Design phase for sidewalks on 9th St, which will provide better pedestrian connections to Prairie Ridge Elementary School. DDA/Township to possibly seek funding through a grant program. This project is approximately 33% within the DDA.
<b>West Main Street Cycle Track Construction</b>	\$20,000	\$20,000 100%	General Fund	Development of a cycle track within the West Main St right-of-way from 8th Street west to the Kalamazoo Public Library entrance that is distinct from the roadway through painting the surface to indicate the bicycle lane.

Nonmotorized Facilities continued

Project Year:		2019 continued		
Project Name	Project Costs	Twp Share	Funding Source	Description
<b>Stadium Drive Shared Use Path: 11th St to DDA Boundary (near Quail Run) Construction Drawings</b>	\$40,000	\$40,000 100%	General Fund, DDA	Development of construction drawings and easement acquisition for 6-foot concrete paths on both sides of Stadium Drive that will connect the Oshtemo Village area (DDA) to the larger pedestrian system in Oshtemo and Kalamazoo. The Township will cover from 11th St west to the DDA boundary, which is approximately 500 feet west of Quail Run Drive.
<b>Stadium Drive Shared Use Path: DDA Boundary to 8th Street Construction Drawings</b>	\$80,000	\$0 0%	DDA	Development of construction drawings and easement acquisition for 6-foot concrete paths on both sides of Stadium Drive that will connect the Oshtemo Village area (DDA) to the larger pedestrian system in Oshtemo and Kalamazoo. The DDA will cover from their eastern boundary, which is approximately 500 feet west of Quail Run Drive west to 8th Street.
<b>KL Avenue Shared Use Path: Drake Road to Copper Beech Boulevard Design Coordination</b>	\$10,000	\$10,000 100%	General Fund	Design coordination with MDOT's US 131 bridge replacement and Oshtemo's planned non-motorized path under the bridge ( from Copper Beech Boulevard to Drake Road). Acquisition of required easements shall also be pursued during this phase.
<b>11th St Shoulders: Parkview to N Ave Construction Drawings</b>	\$11,240	\$11,240 100%	General Fund	Addition of 4-foot shoulders to be added in conjunction with USDA funded sewer project. Roadway reconstruction is proposed to include the addition of 4-foot shoulders as a non-motorized connector between WMU and KVCC.
<b>Fairgrove St Sidewalk: Mansfield St to Stadium Dr Construction</b>	\$26,000	\$26,000 100%	General Fund	Development of a small connector sidewalk along Fairgrove Street from Mansfield Street to Stadium Drive to connect the Fairlane Plat. This project will be completed as part of the sewer expansion efforts in this area.

Nonmotorized Facilities continued

Project Year:		2020		
Project Name	Project Costs	Twp Share	Funding Source	Description
<b>9th Street Shared Use Path: Erie to Quail Run Drive Construction Drawings</b>	\$88,000	\$59,000 66%	General Fund, DDA	Easement acquisitions, final design plans for sidewalks on 9th Street. DDA to possibly seek funding through a grant program, working towards better pedestrian connections to Prairie Ridge Elementary School. This project is approximately 33% within the DDA.
<b>Stadium Drive Shared Use Path: 11th St to DDA Boundary (near Quail Run) Construction</b>	\$618,000	\$365,000 59%	General Fund, KATS	Construction phase of the shared use path 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 the DDA boundary. Funding sources include: KATS: \$253,000 Township: \$365,000
<b>Stadium Drive Shared Use Path: DDA Boundary to 8th Street Construction</b>	\$1,005,000	\$0 0%	DDA, MDOT	Construction phase of the shared use path project that will connect the Oshtemo Village area (DDA) to the larger pedestrian system in Oshtemo and Kalamazoo. The DDA will seek grant funding from MDOT for the remainder of the project. Funding sources and their possible breakdown include: DDA: \$402,000 MDOT: \$603,000 (possible funding)
<b>11th Street Shoulders: Parkview Avenue to N Avenue Construction</b>	\$140,000	\$140,000 100%	General Fund	Addition of 4-foot shoulders to be added in conjunction with USDA funded sewer project. Roadway reconstruction is proposed to include the addition of 4-foot shoulders as a non-motorized connector between WMU and KVCC.
<b>KL Avenue Shared Use Path: Drake Road to Copper Beach Blvd Design Coordination</b>	\$25,000	\$25,000 100%	General Fund	Coordination with MDOT's US 131 bridge replacement and Oshtemo's planned non-motorized path under the bridge, from Copper Beech Boulevard to Drake Road. Acquisition of required easements shall also be pursued during this phase.

Nonmotorized Facilities continued

Project Year:		2020 continued		
Project Name	Project Costs	Twp Share	Funding Source	Description
<b>Green Meadow Drive Sidewalks: Drake Rd to Round Hill Road Construction</b>	\$427,700	\$427,700 100%	General Fund	Development of sidewalks along Green Meadow Drive from Drake Road west to where Green Meadow Drive terminates near Round Hill Road. This project will be completed as part of the sewer expansion efforts in this area.
<b>KL Ave Shoulders: Autumns Way Blvd to 8th St Construction</b>	\$147,000	\$147,000 100%	General Fund	The addition of a 4-foot paved shoulder along KL Avenue from 8th Street west to Autumns Way Boulevard (Autumn View Site Condominium) is planned during the sewer extension project for this area.
<b>8th St Shoulders: West Main St to KL Ave Construction</b>	\$162,000	\$162,000 100%	General Fund	The addition of a 4-foot paved shoulder along 8th Street from West Main Street south to KL Avenue is planned during the sewer extension project for this area.
<b>Maple Hill Dr and Croyden Ave Sidewalks: West Main to Drake Rd Construction</b>	\$505,000	\$505,00 100%	General Fund	Development of sidewalks along Croyden Avenue moving west to Maple Hill Drive, then south down Maple Hill Drive to West Main Street. This project will be completed as part of the sewer expansion efforts in this area.
<b>Whitegate Lane and West Michigan Ave Sidewalk: Powderhorn Dr to 11th St Construction</b>	\$118,000	\$118,000 100%	General Fund	Development of sidewalks on Whitegate Lane south to Michigan Avenue, then along Michigan Avenue to 11th Street to connect the Whitegate Farms neighborhood. Some additional infill is planned on Castleton and Lamplighter Lanes to help complete the network. This project will be completed as part of the sewer expansion efforts in this area.

Nonmotorized Facilities continued

Project Year:		2021		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>9th Street Sidewalks: Erie to Quail Run Drive Construction</b>	\$1,012,000	\$267,168 27%	General Fund, DDA, Grant (MDOT or SRTS)	Construction of a proposed 6-foot sidewalks on 9th Street. DDA to possibly seek funding through a grant program, working towards better pedestrian connections to Prairie Ridge Elementary School. This project is approximately 33% within the DDA.  Possible funding sources include: General Fund: \$267,168 DDA: \$137,632 Grant program: \$607,200
<b>KL Avenue Shared Use Path: Drake Rd to Copper Beach Blvd Construction Drawings and Retaining Wall Development</b>	\$220,000	\$220,000 100%	General Fund	Coordination with MDOT's completion of the US 131 bridge replacements. Budget anticipates Oshtemo's participation in the costs of earth retaining walls required to extend the proposed path through the bridge abutments.

Project Year:		2022		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>KL Avenue Shared Use Path: Drake Rd to Copper Beach Blvd Construction</b>	\$1,200,000	\$336,000 28%	General Fund, MDOT	Construction of a 10-foot wide shared-use, non-motorized facility along the north-side of KL Avenue from Copper Beech Boulevard to Drake Road. The Township anticipates submitting an application for Transportation Alternative Program grant funds.
<b>9th Street Shared Use Path: Quail Run Drive to West Main St Schematic Design</b>	\$42,000	\$42,000 100%	General Fund	Design phase to complete sidewalks on 9th Street to West Main Street from Quail Run Drive, where sidewalks ended during the 2021 construction.

Nonmotorized Facilities continued

Project Year:		2022 continued		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Chime and Erie Streets Sidewalk: Stadium Dr to 9th St Construction</b>	\$95,000	\$95,000 100%	General Fund	Development of sidewalks on Chime Street moving south from Stadium Drive to intersect with Erie Street. The sidewalk will continue on Erie Street moving east to 9th Street. This project will be completed as part of the sewer expansion efforts in this area.

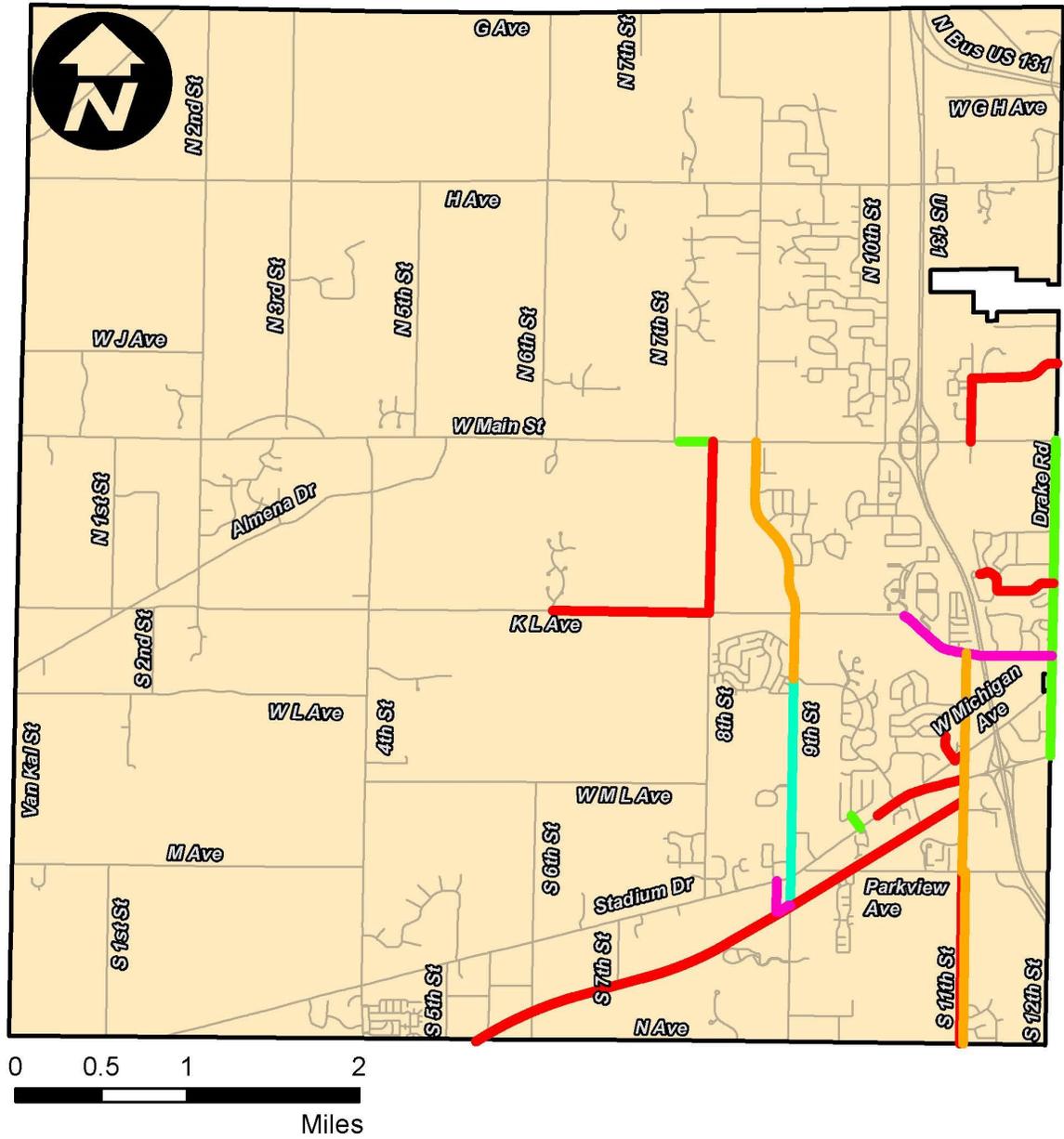
Project Year:		2023		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>9th Street Shared Use Path: Quail Run Drive to West Main St Construction Drawings</b>	\$130,000	\$130,000 100%	General Fund	Engineering design, easement acquisitions and construction documents for a proposed non-motorized facility to be placed along both sides of 9th Street.
<b>11th Street Shared Use Path: Stadium Drive to KL Avenue Construction Drawings</b>	\$72,000	\$72,000 100%	General Fund	Concept planning, preliminary design and administrative preparation of grant application materials for a proposed shared use path along both sides of 11th Street, to include 1 or 2 high-speed rail crossings.
<b>11th St 6' Sidewalk—East Side: Parkview to N Ave Construction Drawings</b>	\$25,760	\$25,760 100%	General Fund	In accordance with (draft) non-motorized plan, sidewalk on the east-side is proposed as a school connector, to be added in conjunction with USDA funded sewer project.
<b>11th Street Shared Use Path: Parkview Ave to Stadium Drive Construction Drawings</b>	\$35,000	\$35,000 100%	General Fund	Concept planning, preliminary design and administrative preparation of grant application materials for a proposed shared use path along both sides of 11th Street.

Nonmotorized Facilities continued

Project Year:		2024		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>9th Street Shared Use Path: Quail Run Drive to West Main St Construction</b>	\$1,383,000	\$414,900 30%	General Fund, Grant	Construction of a non-motorized facility along the both sides of 9th Street. It is anticipated that funding through TAP or SRTS can be obtained.
<b>11th Street Shared Use Path: Stadium Drive to KL Avenue Construction</b>	\$648,000	\$259,200 40%	General Fund, MDOT	Construction of shared use path between Stadium Drive and KL Avenue, which will require high speed rail crossings.
<b>11th Street Shared Use Path: Parkview Ave to Stadium Drive Construction</b>	\$308,000	\$123,200 40%	General Fund, MDOT	Construction of shared use path between Stadium Drive and KL Avenue, which will require high speed rail crossings.
<b>11th St 6' Sidewalk—East Side: Parkview to N Ave Construction</b>	\$337,000	\$337,000 100%	General Fund	In accordance with (draft) non-motorized plan, sidewalk on the east-side is proposed as a school connector, to be added in conjunction with USDA funded sewer project.
<b>KL Ave Shared Use Path: Copper Beach Blvd to 9th St Schematic Design</b>	\$22,000	\$22,000 100%	General Fund	Development of concept plans for the continuation of the shared use path on KL Avenue from Copper Beach Boulevard moving west to 9th Street.

Project Year:		2019 - 2024		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Facilities Maintenance, Repair and Reconstruction</b>	\$120,000 (\$20,000 annually)	\$120,000 100%	General Fund	Ongoing maintenance and repair to public sidewalks and paths in the Township.

# Nonmotorized Projects Map



— Road Network

## Project Construction Year

- Drake Rd Shared Use Path, West Main St to Green Meadow Rd
- Drake Rd Shared Use Path, Green Meadow Rd to West Michigan Ave
- 2019**
  - Drake Rd Shared Use Path, West Michigan Ave to Stadium Dr
  - West Main St Cycle Track, 8th St to Library
  - Fairgrove St Sidewalk, Mansfield St to Stadium Dr
- Stadium Dr Shared Use Path, 11th St to DDA Boundary
- 11th St Shoulder, Parkview Ave to N Ave
- Croyden Ave/Maple Hill Dr Sidewalk
- Green Meadow Rd Sidewalk, Drake Rd to Round Hill Rd
- 2020**
  - Whitegate Ln/West Michigan Ave Sidewalk, Powderhorn Dr to 11th St
  - KL Ave Shoulders, Autumnns Way Blvd to 8th St
  - 8th St Shoulders, West Main St to KL Ave
  - Fruit Belt Line Nonmotorized Trail
- 2021**
  - 9th St Shared Use Path, Erie St to Quail Run Dr
- KL Ave Shared Use Path, Drake Re to Copper Beech
- 2022**
  - Chime St and Erie St Sidewalks, Stadium Dr to 9th St
- 9th St Shared Use Path, Quail Run Dr to West Main St
- 11th St 6 Foot Sidewalk--East Side, Parkview Ave to N Ave
- 2024**
  - 11th St Shared Use Path, Stadium Dr to KL Ave
  - 11th St Shared Use Path, Parkview Ave to Stadium Dr

## Sanitary Sewer

Project Year:		2019		
Project Name	Project Costs	Twp Share	Funding Source	Description
<b>Business Technology Re-research (BTR) Park 2.0 Sewer Extension Construction</b>	\$144,000	\$144,000 100%	Sewer Fund	Extension of sewer facilities to serve a 55 acre vacant parcel located at the north-west corner of Drake Road and Parkview. The new infrastructure is for the expansion of the Western Michigan University existing BTR Park located to the south of the subject site.
<b>USDA Loan Phase 1A Skyridge Plat: Sewer and Pump Station Construction</b>	\$2,195,550	\$2,195,550 100%	USDA Loan, Sewer Fund	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).
<b>USDA Phase 1A West Main Street Sewer: 7th Street to 8th Street with 7th Street Pump Station Construction</b>	\$1,657,950	\$1,657,950 100%	USDA Loan, Sewer Fund	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 2,300 feet of sewer in 7th Street to a new Pump Station and 1,300-feet of force main.
<b>USDA Loan Phase 1B Beech Street Sewer Construction</b>	\$495,600	\$495,600 100%	USDA Loan, Sewer Fund	Install approximately 0.4 mile of gravity sanitary sewer in Beech Street.
<b>USDA Loan Phase 1B Fairlane Plat Sewer Construction</b>	\$1,169,700	\$1,169,700 100%	USDA Loan, Sewer Fund	Approximately 0.9 miles of public sewers to be extended into a 60-year old neighborhood to replace aged and failing private septic systems.
<b>USDA Loan Phase 1B Meridian Avenue and Sunset Road Sewer Construction</b>	\$317,100	\$317,100 100%	USDA Loan, Sewer Fund	Extend approximately 1,300 feet of public sewer to serve the Pioneer Acres (1953) and Glittenberg (1957) plats.

Sanitary Sewer continued

Project Year:		2019 continued		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>USDA Loan Phase 1B Whitegate Farms Plat Sewer Construction</b>	\$1,147,000	\$1,147,000 100%	USDA Loan, Sewer Fund	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.
<b>USDA Loan Phase 2 Country Club Plat Engineering Design</b>	\$118,200	\$118,200 100%	USDA Loan, Sewer Fund	Engineering design plans to extend a little over 2 miles of sanitary sewer in the Country Club Village neighborhood south of West Main.
<b>USDA Loan Phase 2 Westport and Meadowbrook Plat Engineering Design</b>	\$576,150	\$576,150 100%	USDA Loan, Sewer Fund	Design plans to 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.
<b>USDA Loan Phase 2 11th Street: Parkview Ave to N Ave</b>	\$71,850	\$71,850 100%	USDA Loan, Sewer Fund	Design plans to 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.
<b>USDA Loan Phase 2 Frie and Gibbs Plat Sewer and Pump Station Engineering Design</b>	\$81,000	\$81,000 100%	USDA Loan, Sewer Fund	Design plans to extend about 0.7 mile of sewer into the Frie & Gibbs Plat with a Pump Station and approximately 3,000 feet of force main.
<b>USDA Loan Phase 2 KL Avenue: Autumns Way Boulevard to 8th Street Engineering Design</b>	\$82,200	\$82,200 100%	USDA Loan, Sewer Fund	Design plans to extend major gravity sewer main/interceptor to the approximate limits of gravity flow. This sewer main will receive future sanitary sewer pump station flows that will serve the Almena & West Main commercial area, between 6th and 8th Streets.
<b>USDA Loan Phase 2 8th Street: West Main to KL Avenue Engineering Design</b>	\$35,850	\$35,850 100%	USDA Loan, Sewer Fund	Design plans with environmental impact study to seek packaging of this 4,800-foot sewer extension. Will seek to include a local cost contribution from RCKC to finance road reconstruction.

Sanitary Sewer continued

Project Year:		2020		
Project Name	Project Costs	Twp Share	Funding Source	Description
USDA Loan Phase 2 Country Club Plat Sewer Construction	\$2,358,000	\$2,358,000 100%	USDA Loan, Sewer Fund	Construction of a little over 2 miles of sanitary sewer in the Country Club Village neighborhood south of West Main.
USDA Loan Phase 2 Westport and Meadowbrook Plat Sewer Construction	\$11,494,000	\$11,494,000 100%	USDA Loan, Sewer Fund	Construction of about 9-1/4 miles of sanitary sewer into the Westport and Meadowbrook neighborhoods between 8th and 9th Streets, north of West Main Street.
USDA Loan Phase 2 11th Street: Parkview Ave to N Ave Sewer Construction	\$1,433,400	\$1,433,400 100%	USDA Loan, Sewer Fund	Construction 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.
USDA Loan Phase 2 Frie and Gibbs Plat Sewer and Pump Station Construction	\$1,616,000	\$1,616,000 100%	USDA Loan, Sewer Fund	Construction of about 0.7 mile of sewer into the Frie & Gibbs Plat (est 1911) with a Pump Station and approximately 3,000 feet of force main.
USDA Loan Phase 2 KL Avenue: Autumns Way Boulevard to 8th Street Sewer Construction	\$1,639,900	\$1,639,900 100%	USDA Loan, Sewer Fund	Construction of a 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 Streets.
USDA Loan Phase 2 8th Street: West Main to KL Avenue Sewer Construction	\$715,200	\$715,200 100%	USDA Loan, Sewer Fund	Construction of about 4,800-feet of public sewer between in 8th Street, between West Main Street and KL Avenue.

Sanitary Sewer continued

<b>Project Year:</b>		<b>2021</b>		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Chime Street Engineering Design</b>	\$14,500	\$14,500 100%	Sewer Fund	Survey and engineering design plans for a proposed 1,020-foot extension of public sanitary sewer to serve remaining properties on Chime Street and the Chime Elementary School Building.
<b>Plainview Street Engineering Design</b>	\$11,950	\$11,900 100%	Sewer Fund	Survey and engineering design plans for a proposed 840-foot extension of public sanitary sewer to serve remaining properties on Plainview Street.

<b>Project Year:</b>		<b>2022</b>		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Chime Street Sewer Construction</b>	\$275,500	\$275,500 100%	Sewer Fund	Construction of about 1,020-feet of public sanitary sewer to serve remaining properties on Chime Street and the Chime Elementary School Building.
<b>Plainview Street Sewer Construction</b>	\$227,050	\$227,050 100%	Sewer Fund	Construction of about 840-foot extension of public sanitary sewer to serve remaining properties on Plainview Street.
<b>Parkview Avenue: From 670-ft east of Stadium Drive to 12th Street Engineering Design</b>	\$75,000	\$75,000 100%	Sewer Fund	Survey and engineering design plans for a proposed 3/4 mile extension of public sanitary sewer to serve remaining properties on Parkview Avenue.
<b>Vienna Street Engineering Design</b>	\$13,000	\$13,000 100%	Sewer Fund	Survey and engineering design plans for a proposed 675-foot extension of public sanitary sewer to serve remaining properties on Vienna Street.

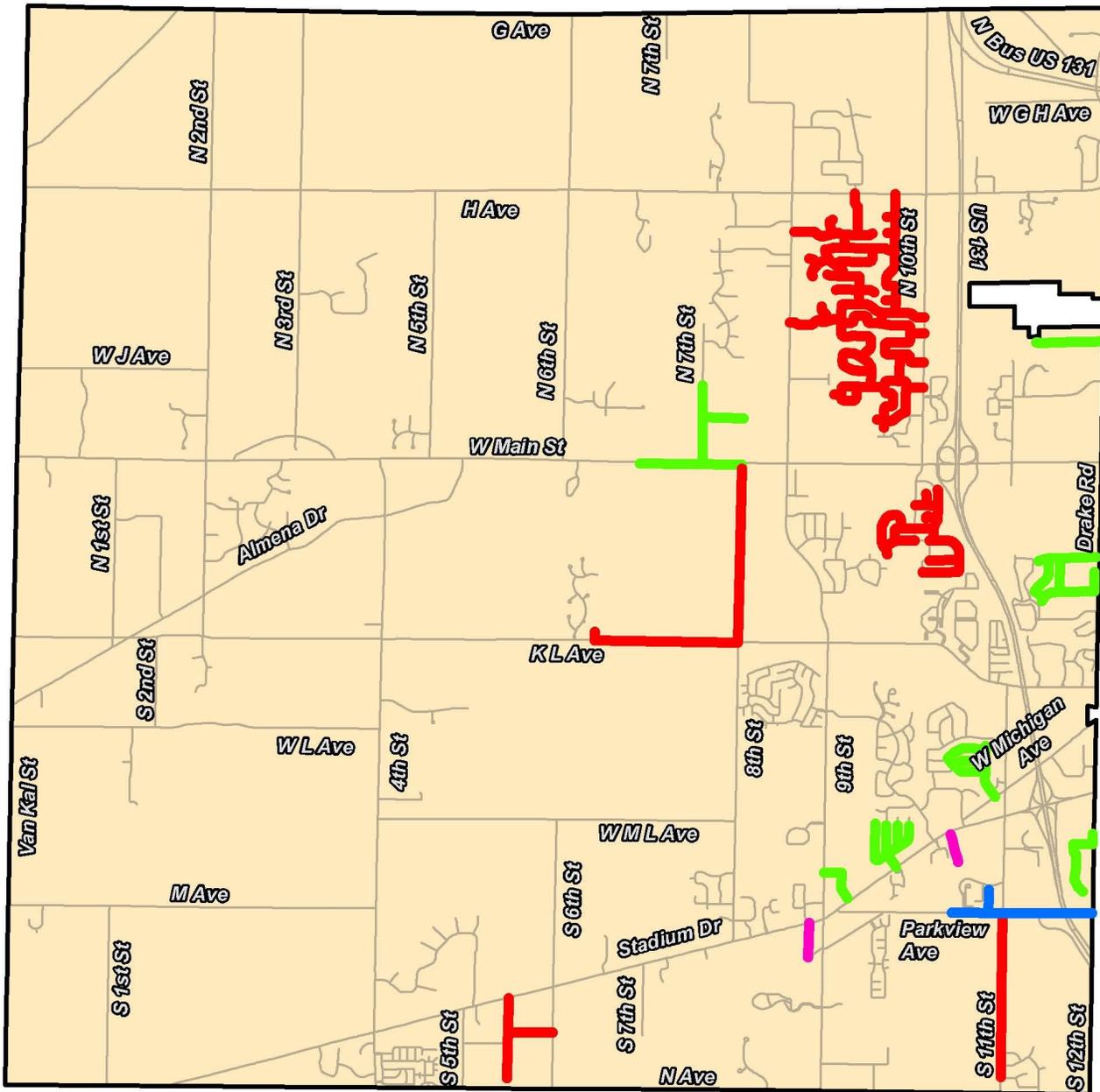
Sanitary Sewer continued

Project Year:		2023		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Parkview Avenue: Parkview Avenue: From 670-ft east of Stadium Drive to 12th Street Sewer Construction</b>	\$1,150,000	\$1,150,000 100%	Sewer Fund	Approximately 3/4th of a mile of sanitary sewer extension will provide sewer service to the remaining extent of Parkview Avenue.
<b>Vienna Street Sewer Construction</b>	\$188,000	\$188,000 100%	Sewer Fund	Construction of a proposed 675-foot extension of public sanitary sewer to serve remaining properties on Vienna Street.

Project Year:		2024		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Promenade Street Engineering Design</b>	\$12,100	\$12,100 100%	Sewer Fund	Survey and engineering design plans for a proposed 840-foot extension of public sanitary sewer to serve remaining properties on Promenade Street.
<b>Country Trial Homesites Plat and Penny Lane Engineering Design</b>	\$49,000	\$49,000 100%	Sewer Fund	Survey and engineering design plans for a proposed 3,550-foot extension of public sanitary sewers into the Country Trail Homesites Plat (Oak Highlands) and Penny Lane.

Project Year:		2019-2024		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Miscellaneous Infrastructure Repairs and Improvements</b>	\$120,000	\$120,000 100%	Sewer Fund	\$20,000 annually for ongoing maintenance and repair to the public sewer facilities.

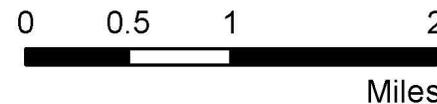
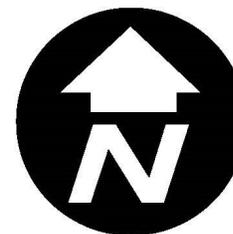
# Sanitary Sewer Project Map



— Road Network

## Project Construction Year

- 2019
  - Beech Street
  - Fairlane Plat
  - Sky Ridge Plat
  - Whitegate Farms Plat
  - Meridian Avenue and Sunset Road
  - W. Main Street, 7th Street
- 2020
  - Country Club Village
  - O Park Street and Frie Avenue
  - Westport and Meadowbrook Plats
  - 8th Street, West Main Street to K L Avenue
  - 11th Street
- 2022
  - Plainview Plat
  - Chime Street
- 2023
  - Parkview Avenue
  - Vienna Street



## Water

Project Year:		2019		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Business Technology Research (BTR) Park 2.0 Water Extension</b>	\$146,000	\$146,000 100%	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.
<b>West Main Street Extension—North Side: 7th to 8th Streets</b>	\$217,000	\$217,000 100%	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 west from 7th Street to 8th Street.

Project Year:		2020		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>South 11th Street</b>	\$271,000	\$271,000 100%	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.
<b>Frie and Gibbs Avenue</b>	\$104,000	\$104,000 100%	Water Fund	Extend approximately 0.75 miles of public water main to complete a water service loop from South 6 <sup>th</sup> Street, via Frie and Gibbs Avenues and 5 <sup>th</sup> Street to Stadium Drive.

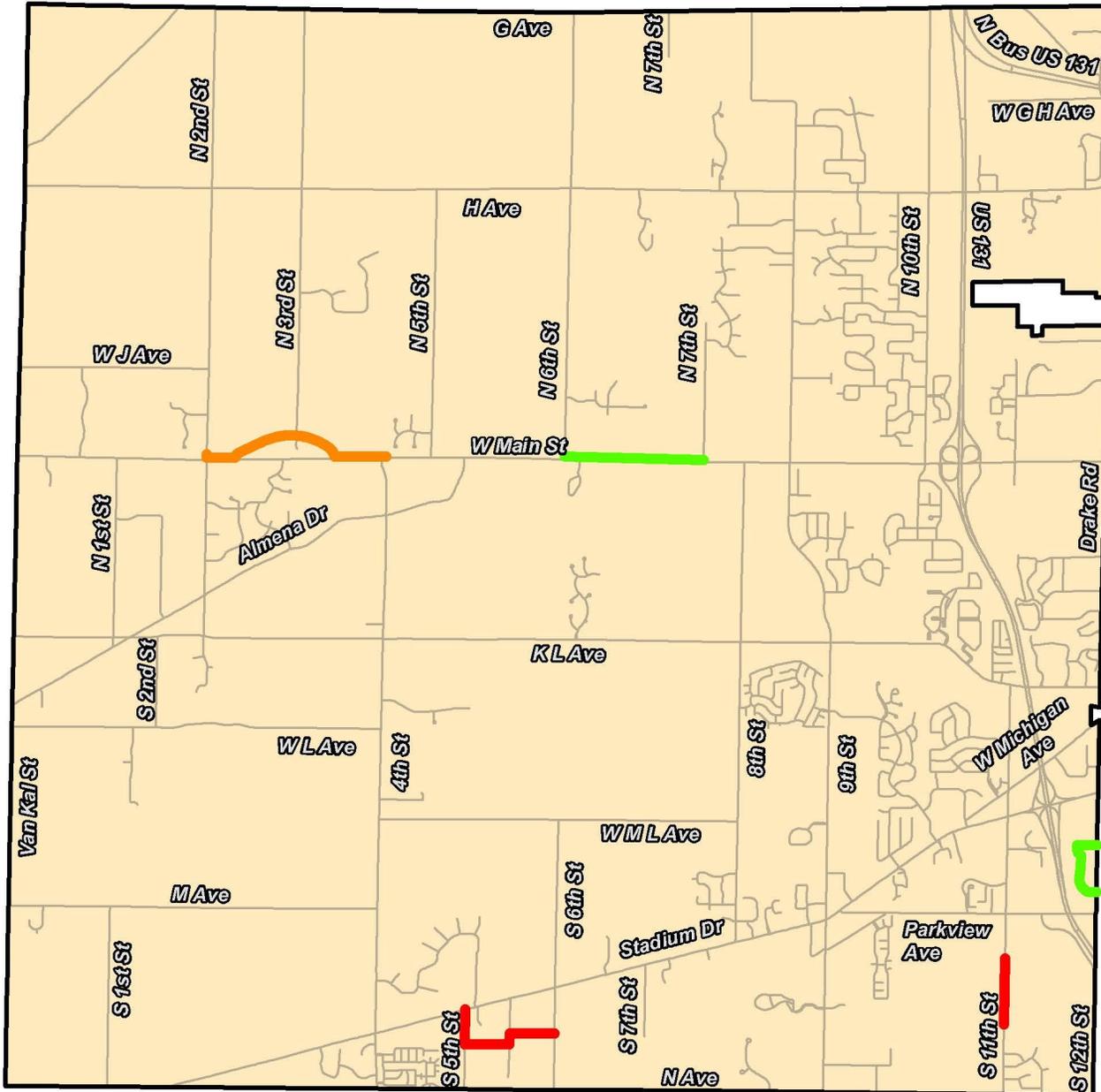
Water continued

Project Year:		2021 - 2023		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
No improvements planned.				

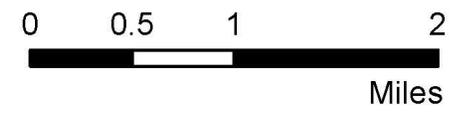
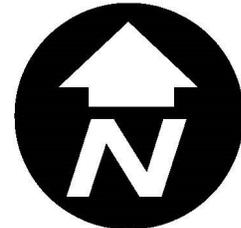
Project Year:		2024		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
West Main Street from 2nd to 4th Street and along Big Rock Road; with Pressure Reduction Station	\$1,855,000	Unknown	Water Fund, KLA Group	Approximately 0.4 mile extension of 12-inch 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 West Main Street.

Project Year:		2019 - 2024		
<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.

# Water Project Map



- Road Network
- Project Construction**
- 2019 -BTR 2.0 Water Extension  
-West Main Street, 7th
- 2020 -South 11th Street  
-Frie Avenue and Gibbs
- 2024 -West Main Street, 2nd Street, Big Rock Road, 4th Street



## Storm Water

Project Year:		2019		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Elks Plat (Maple Hill Road) - County Drain Establishment with Capital Upgrades to Pump Station</b>	\$12,000	Unknown	General Fund, County Drain Assessment	The Township Board has petitioned the Kalamazoo County Drain Commissioner to establish a county drain district encompassing the parcels and RC roadway that drains to an isolated low area on the Elks Lodge No. 50 parcel. Historic flooding led to a 1987 installation of a mechanically pumped system which the adjacent parcel owner assumed responsibility for utility billings. The establishment of a public drain is expected to yield improved system cost equity and reliability.

Project Year:		2020 - 2024		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>General Storm Water System Investigations and Retrofit Coordination</b>	\$25,000 (\$5,000 annually)	Unknown	General Fund, Private Agreement, Enforcement Cost Recoveries	The ageing of engineered drainage systems, in conjunction with developmental infill and greater impermeable land cover, has caused the Township to assume greater oversight when complaints or deficiencies are noted.

## 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:		2019		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Drake Farmstead Park Phase 1 Construction (continued from 2018)</b>	\$207,000	\$207,000 100%	Park Fund	Construction of the Carriage Barn and barrier-free ramp at Drake Farmstead Park, which began in 2018 and will be completed in 2019.
<b>Drake Farmstead Park Phase 2 Construction</b>	\$159,000	\$54,100 34%	Park Fund, 2017 MNRTF Grant	MNRTF grant funds were awarded in 2018 but construction will not occur until 2019. The project includes construction of a picnic shelter and outdoor classroom, the first phase of trails and interpretive signs, and a gravel parking lot.

Park Improvements continued

Project Year:		2020		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Township Park and Grange Hall Tennis/ Pickleball/Basketball Court Surface Refurbishment and Nets	\$16,000	\$16,000 100%	Park Fund	Color coat, seal and stripe the tennis courts and basketball courts at Township Park and Grange Hall. Replace tennis nets. Stripe four pickleball courts instead of two. Purchase four portable pickleball nets.
Neighborhood Park #1 Drake/KL Area Acquisition and Schematic Plan	\$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. Prepare schematic design of park infrastructure.

Project Year:		2021		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
HVAC Repairs/Upgrades: Grange Hall, Drake Farmstead, and the Community Center	\$15,000	\$15,000 100%	Park Fund	Repair/upgrade HVAC systems at the Grange Hall, Oshtemo Community Center, and Drake Farmstead.
Neighborhood Park #1: Drake/KL Area Construction	\$300,000	\$90,000 30%	Park Fund, MNTRF	Construct recreation facilities and infrastructure within the new neighborhood park as outlined in the schematic design plan.

Park Improvements continued

Project Year:		2022		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Open Space Acquisition Phase 1</b>	\$300,000	\$90,000 30%	Park Fund, MNTRF	Acquire open space for conservation and/or future non-motorized trail per the <i>GO!</i> Green Oshtemo Plan.
<b>Township Park Refurbishment</b>	\$70,000	\$49,000 70%	Park Fund, MNTRF	Upgrade and refurbish the asphalt paths, trails, playground, shelters and restroom building. Replace picnic tables as needed.

Project Year:		2023		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Open Space Acquisition Phase 2</b>	\$300,000	\$90,000 30%	Park Fund, MNTRF	Acquire open space for conservation and/or future non-motorized trail per the <i>GO!</i> Green Oshtemo Plan.
<b>Grange Hall Nature Trail and Drainage Improvements</b>	\$5,000	\$5,000 100%	Park Fund	Inhouse design and construction of a loop nature trail at the Grange Hall.
<b>Kalamazoo Community Foundation: Oshtemo Township Parks and Recreation Endowment Fund</b>	\$50,000	\$50,000 100%	Park Fund	Contribution to endowment fund to build long term stability for Township parks.

Park Improvements continued

Project Year:		2024		
Project Name	Project Costs	Twp Share	Funding Source	Description
Drake Farmstead Park Phase 3 Construction	\$300,000	\$90,000 30%	Park Fund, MNRTF	Complete the trails and interpretive signs, construct the gazebo and event lawn, improve the existing driveway, and construct new driveway to Croyden Avenue.
Township Park Disc Golf Course Signs and Upgrades	\$5,000	\$5,000 100%	Park Fund	Design, construct, and install a sign at each tee in disc golf course (38 total signs, at \$3,000). Repair compacted and eroded areas (\$2,000).
Oshtemo Community Center Roof Replacement	\$20,000	\$20,000 100%	Park Fund	Replace roof.
Kalamazoo Community Foundation: Oshtemo Township Parks and Recreation Endowment Fund	\$50,000	\$50,000 100%	Park Fund	Contribution to endowment fund to build long term stability for Township parks.
Neighborhood Park #2 Land Acquisition and Schematic Plan	\$100,000	\$25,000 25%	Park Fund, MNRTF	Acquire land for a neighborhood park as proposed in the <i>GO!</i> Green Oshtemo Plan and develop a schematic plan for the park infrastructure.
Neighborhood Park #2 Construction	\$300,000	\$100,000 30%	Park Fund, MNRTF	Construct recreation facilities and infrastructure within the new neighborhood park as outlined in the schematic design plan.
KL Landfill Area Park Master Plan	\$10,000	\$10,000 100%	Park Fund	Develop a master plan for property owned by the Township and Kalamazoo County adjacent to the KL Landfill.

Park Improvements continued

Project Year:		2024 continued		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
Flesher Field Phase 3A	\$8,000	\$6,000 75%	Park Fund, MDNR	Develop a Forest Management Plan for the underutilized 12 acre wooded area of Flesher Field (\$3,000). In house design of a new trail layout, if needed. Consultant design of a park map and trail signs (\$2,000). Construct and install park map and trail signs (\$3,000).
Flesher Field Phase 3B	\$250,000	\$250,000 100%	Park Fund	Build a basketball court, expand the parking lot, and enlarge the play area with water, music, or traditional play equipment
Flesher Field Refurbishment	\$15,000	\$15,000 100%	Park Fund,	Upgrade and refurbish the playground, paths, gazebo, garden, shelters and restroom building. Replace picnic tables as needed.
Drake Farmstead Park Phase 4	\$15,000	\$15,000 100%	Park Fund	Design and construct Educational Garden and tool storage shed.
Grange Hall: Ceiling and Lighting Improvements and new Septic System	\$75,000	\$75,000 100%	Park Fund	Replace the drop ceiling, light fixtures, and fans in the upper level of the Grange Hall. Install added security lighting surrounding the building. Install a new septic system.

Project Year:		2019 - 2024		
<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.

## Fire Equipment and Facilities

The Fire Department has prepared the following tables describing the capital expenditures proposed for 2019-2024. These funds are dedicated to capital expenses such as maintenance and/or replacement of the department’s vehicle fleet, major fire and personal protection equipment, and facilities.

Project Year:		2019		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Replacement Engine/Rescue (Final Payment)</b>	\$159,344	\$159,344 100%	Fire Fund	Final payment on the Rescue Engine purchased in 2018. It is scheduled for delivery in late 2019.
<b>Fire Station #1: Maintenance, Sewer Connection, and New Station</b>	\$235,218	\$235,218 100%	Fire Fund	Maintenance includes parking lot repairs (\$10,000) and window frame repairs (\$4,000). Connection to public sanitary sewer, and cost towards development of a new fire station.
<b>Fire Equipment Replacement</b>	\$44,460	\$51,460 100%	Fire Fund	Replacement of standard equipment that have achieved their life expectancy, such as fire hoses, radio’s, mobile computers, automated external defibrillators, etc.
<b>Personal Protective Equipment Replacement</b>	\$44,925	\$44,925 100%	Fire Fund	Replacement of standard personal protective equipment that have achieved their life expectancy, such as coats, pants, helmets, boots, etc.

Fire Equipment and Facilities continued

Project Year:		2020			
Project Name	Project Costs	Twp Share	Funding Source	Description	
<b>2010 PEO Car: Replace</b>	\$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.	
<b>2008 EMS SUV (x2): Replace</b>	\$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.	
<b>Station Alerting System - Phase 1 &amp; 2</b>	\$20,000	\$20,000 100%	Fire Fund	Updates to the station alerting system in Fire Stations #1 and #2.	
<b>Fire Equipment Replacement</b>	\$35,000	\$35,000 100%	Fire Fund	Replacement of standard equipment that have achieved their life expectancy, such as fire hoses, radio’s, mobile computers, automated external defibrillators, etc.	
<b>Personal Protective Equipment Replacement</b>	\$25,775	\$25,775 100%	Fire Fund	Replacement of standard personal protective equipment that have achieved their life expectancy, such as coats, pants, helmets, boots, etc.	
<b>Fire Station #1: Maintenance</b>	\$20,000	\$20,000 100%	Fire Fund	General maintenance and repairs as needed on an annual basis.	

Fire Equipment and Facilities continued

Project Year:		2021			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>	
<b>Engine 513 - 1994 Pierce: Replace</b>	\$550,000	\$550,000 100%	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.	
<b>Engine 511 - 2008 Pierce: Refurbish</b>	\$110,000	\$110,000 100%	Fire Fund	Engine 511 – 2008 Pierce. This engine is first out for all reported structure fires and motor vehicular crashes. It is holding up well and refurbishment may be able to be delayed. Re-furbishment allows for extended life of the vehicle.	
<b>Fire Station #1: New Construction</b>	\$500,000	\$500,000 100%	Fire Fund	Development of a stand alone police/fire station. First of 4 years of payments.	
<b>Fire Equipment Replacement</b>	\$25,000	\$25,000 100%	Fire Fund	Replacement of standard equipment that have achieved their life expectancy, such as fire hoses, radio’s, mobile computers, automated external defibrillators, etc.	
<b>Personal Protective Equipment Replacement</b>	\$25,325	\$25,325 100%	Fire Fund	Replacement of standard personal protective equipment that have achieved their life expectancy, such as coats, pants, helmets, boots, etc.	
<b>Township Plow Truck: Purchase Assistance</b>	\$7,000	\$7,000 100%	Fire Fund	Assistance with the purchase of a Township maintenance plow truck. Fire Department to pay 10% of the total costs of the truck and plow.	

Fire Equipment and Facilities continued

<b>Project Year:</b>	<b>2022</b>			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Fire Station #1: New Construction</b>	\$450,000	\$450,000 100%	Fire Fund	Development of a stand alone police/fire station. Second of 4 years of payments.
<b>Fire Equipment Replacement</b>	\$25,000	\$25,000 100%	Fire Fund	Replacement of standard equipment that have achieved their life expectancy, such as fire hoses, radio's, mobile computers, automated external defibrillators, etc.
<b>Personal Protective Equipment Replacement</b>	\$42,125	\$42,125 100%	Fire Fund	Replacement of standard personal protective equipment that have achieved their life expectancy, such as coats, pants, helmets, boots, etc.

Fire Equipment and Facilities continued

<b>Project Year:</b>		<b>2023</b>		
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Fire Station #1: New Construction</b>	\$450,000	\$450,000 100%	Fire Fund	Development of a stand alone police/fire station. Third of 4 years of payments.
<b>Truck 451 - 2011 Smeal Aerial: Refurbish</b>	\$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.
<b>Command Car 500 - 2015 Tahoe: Replace</b>	\$55,000	\$55,000	Fire Fund	Replace the SUV command / staff vehicle as it has reached the end of its utility.
<b>Fire Equipment Replacement</b>	\$98,500	\$98,500 100%	Fire Fund	Replacement of standard equipment that have achieved their life expectancy, such as fire hoses, radio's, mobile computers, automated external defibrillators, etc. This year also includes replacement of six thermal imaging cameras.
<b>Personal Protective Equipment Replacement</b>	\$26,075	\$26,075 100%	Fire Fund	Replacement of standard personal protective equipment that have achieved their life expectancy, such as coats, pants, helmets, boots, etc.

Fire Equipment and Facilities continued

<b>Project Year:</b>	<b>2024</b>			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Fire Station #1: New Construction</b>	\$450,000	\$450,000 100%	Fire Fund	Development of a stand alone police/fire station. Fourth of 4 years of payments.
<b>Fire Equipment Replacement</b>	\$52,500	\$52,500 100%	Fire Fund	Replacement of standard equipment that have achieved their life expectancy, such as fire hoses, radio's, mobile computers, automated external defibrillators, etc.
<b>Personal Protective Equipment Replacement</b>	\$22,625	\$22,625 100%	Fire Fund	Replacement of standard personal protective equipment that have achieved their life expectancy, such as coats, pants, helmets, boots, etc.

<b>Project Year:</b>	<b>2020-2024</b>			
<u>Project Name</u>	<u>Project Costs</u>	<u>Twp Share</u>	<u>Funding Source</u>	<u>Description</u>
<b>Fire Station #2: Maintenance</b>	\$100,000 (\$20,000 annually)	\$100,000 100%	Fire Fund	General maintenance and repairs needed on an annual basis.
<b>Fire Station #3: Maintenance</b>	\$25,000 (\$5,000 annually)	\$25,000 100%	Fire Fund	General maintenance and repairs needed on an annual basis.

