

# Ada Township Capital Improvements Plan



**2011-2017**  
Adopted February 28, 2011





**ADA TOWNSHIP CAPITAL IMPROVEMENTS PLAN, 2011-2017**  
**February 28, 2011**

**TABLE OF CONTENTS**

	Page
Introduction.....	1
Benefits and Uses of a Capital Improvements Plan.....	1
Overview of Process for Development of the CIP .....	2
Assessment of Local Funding Available for Capital Improvements .....	3
Project Evaluation Criteria.....	5
Summary of Planned Capital Improvement Projects.....	6
Projected Major Fund Balance Sheets, 2011 – 2017 .....	8
Annual Update of the CIP.....	9

**APPENDICES**

Table 1 – Summary of Planned Capital Improvement Projects, 2011-12 Through 2016-17 .....	A-1
Tables 2-8 – Capital Improvement Projects by Major Fund Category .....	A-2 to A-9
Tables 9-14 – Projected Balance Statements by Major Fund Category .....	A-10 to A-15



# ADA TOWNSHIP CAPITAL IMPROVEMENTS PLAN, 2011-2017

## Introduction

The Ada Township Capital Improvements Plan, 2011-2017 (the CIP) identifies the major investments in capital facilities that the Township plans to make in the next 6 years. “Capital facilities” are physical facilities of the Township that have a relatively high cost and a long lifespan. Capital facility expenditures are generally “one-time” expenditures on acquisition, construction or major improvement to land or a physical facility, and are not annually occurring operating expenses. Examples of capital facilities include Township buildings, parks, public water and sewer systems, and vehicles and other major equipment. Facilities owned by other jurisdictions for which the Township participates in financing may also be considered within the scope of the capital improvements plan. Examples of these types of facilities include public roads that are under the jurisdiction of the Kent County Road Commission. For purposes of this Plan, the acquisition or improvement of a physical asset with a cost of \$5,000 or more is included in the Plan.

There are a number of Township-prepared planning documents that include multi-year expenditure blueprints for specific types of capital facilities, such as the “Action Plan” contained in the Parks, Recreation and Open Space Plan, the Township’s Non-Motorized Trail Plan, and the Water System Reliability Study. The CIP brings all of these various capital expenditure plans for specific program areas into a single comprehensive document that addresses the full range of capital facilities in the Township.

The annual preparation of a Capital Improvements Plan by the Township is required under the provisions of the Michigan Planning Enabling Act (Act 33 of 2008). Sec. 65 of the Act states that “a planning commission, after adoption of a master plan, shall annually prepare a capital improvements program of public structures and improvements ...” The Act further states that “the capital improvements program shall show those public structures and improvements, in the general order of their priority, that in the commission's judgment will be needed or desirable and can be undertaken within the ensuing 6-year period.”

## Benefits and Uses of a Capital Improvements Plan:

Few communities have the fiscal resources to afford every new community facility or improvement its citizens desire. Since our facility needs and wants exceed the financial resources available, choices must be made among competing community project needs. The preparation of a CIP provides a systematic approach to identifying capital project needs and selecting those to be implemented, which helps ensure that public funds are used in the most cost-effective manner.

The preparation of a CIP also provides the following benefits to the community:

- It promotes coordination and continuity in budgeting over several years.
- The process of preparing a CIP helps decision-makers relate capital spending to achievement of adopted community goals.

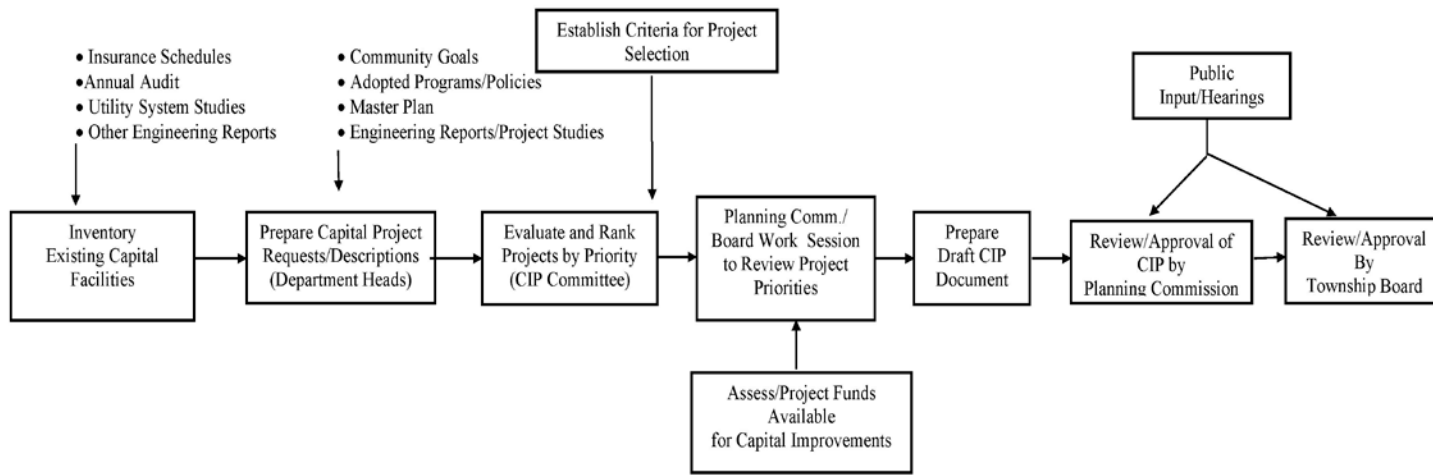


- Preparing a CIP forces a process in which capital projects of different types are evaluated and prioritized; helps ensure that financial resources are devoted to most important needs first.
- Preparing a CIP helps ensure that funds are set aside for eventual replacement or major rehabilitation of facilities with a limited useful lifespan.
- Preparing and following a CIP helps avoid a “squeaky wheel” approach to deciding which projects get funded.

**Overview of Process for Development of the CIP**

The preparation of this Plan has been a team undertaking involving the elected Township executive positions, Township department heads and the Planning Commission, with data collection and analysis, meeting coordination, and plan drafting responsibilities carried out by the Township Planning Department. The preparation of a draft Plan for consideration by the full Planning Commission was overseen by a 5-member Capital Improvements Plan Committee comprised of the Township Supervisor, Clerk and Treasurer, along with two members of the Planning Commission.

The process followed in development of the Plan is depicted in the flow chart shown in Figure 1, below.



**Figure 1 - Summary of Capital Improvements Planning Process**

The process of preparing the plan was initiated in June, 2010, with distribution to Township department heads of a capital “project request worksheet,” for use in requesting potential projects for consideration in the plan. The project requests submitted were compiled in June. In addition, the Planning Department completed an analysis of historic revenues and expenditures in each of the Township’s major funds, as well as projections of future revenues and operating expenditures, in order to produce estimates of the amount of funding available for capital projects for each year of the CIP, in each of the major fund categories.

The CIP Committee reviewed the project requests and the analysis of funding availability in early January, 2011, and reviewed and revised the draft list of project contained in the CIP in mid-January, 2011, before referring the draft CIP to the Planning Commission for review and approval.

The Planning Commission approved the Plan on February 17, 2011, following the holding of a public hearing.

The Township Board reviewed and approved the Plan on February 28, 2011.

### **Assessment of Local Funding Available for Capital Improvements**

To be most useful as a guide and a financial planning tool for the future, the 6-year CIP should be based upon a realistic expectation of future funding available for capital expenditures. Unless likely funding availability is taken into consideration, the value of the CIP as a planning tool is seriously diminished, and it becomes more of a project “wish list” than a true roadmap for future capital investments.

To develop projections of future funding, historical trends in the Township’s taxable and assessed value were reviewed, as well as historical data concerning State revenue sharing payments to the Township. In addition, historical data concerning the Township’s operating expenditures and total revenues were compiled and reviewed.

#### **a. Historical Growth in Taxable and Assessed Value**

The graph in Figure 2 below shows historical growth in the total assessed value and taxable value in Ada Township. Property tax levies are based on the taxable value of property. Annual increases in taxable value of property are limited by law to no greater than the overall rate of inflation, while assessed values are adjusted annually based on studies of market values based on actual property sales. Michigan law provides that the taxable value of property may not exceed the assessed value.

The historical data shows that over the 2003-2007 period, both total assessed and total taxable value of property in the Township grew between 5% and 7% per year. Since 2007, the rate of increase in taxable value has slowed markedly. Total assessed value in the

Township declined for the first time in many years in 2009, while both assessed and taxable values decreased in 2010. As of mid-February, 2011, preliminary data provided by the Township Assessor's office indicates that the 2011 total taxable value in the Township will decline by about 2.1%, to approximately \$883 million. This represents the second consecutive year of decline in the Township's property tax base.

b. History of State-Shared Revenues

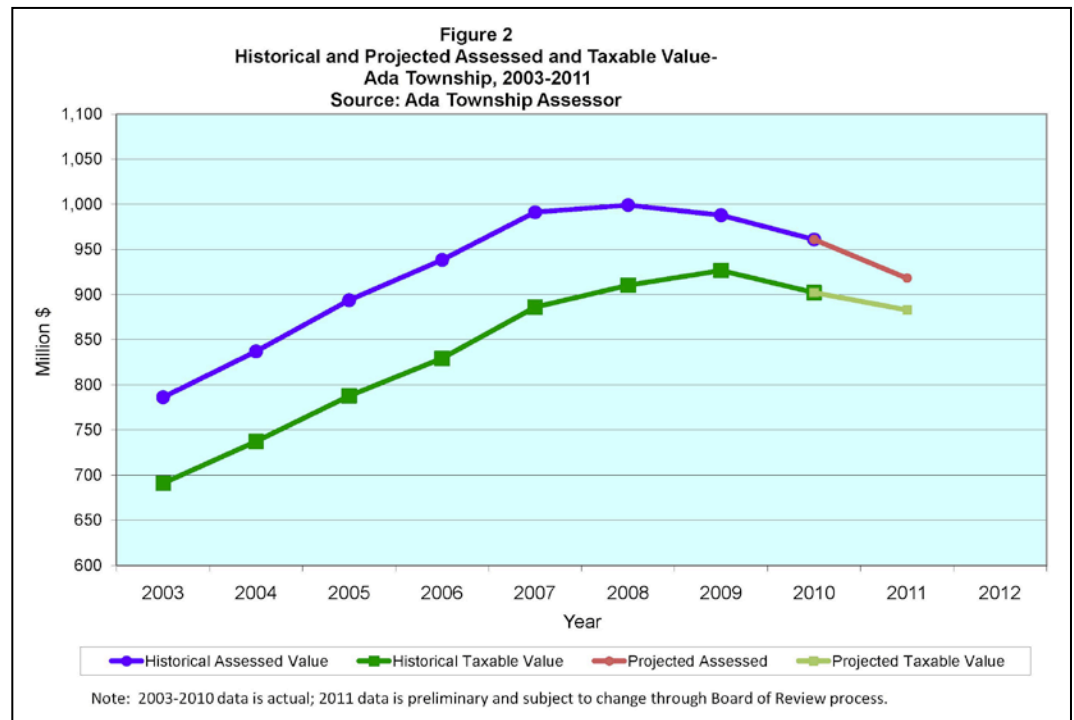
Figure 3 below depicts the history of annual State revenue sharing payments to the Township. Since peaking at approximately \$750,000 per year in 2001 and 2002, State revenue sharing payments to the Township have experienced an overall decline to about \$630,000 per year.

It appears that the national and Michigan economies are at a turning point, and are beginning a recovery from the recessionary conditions of the last two years. Nonetheless, state and local governments in Michigan continue to face significant fiscal challenges. For local governments, which rely greatly on the property tax as a source of revenue, the continuing stagnation in housing values, and uncertainty as to when housing values begin a recovery, imply continuing fiscal challenges.

c. Assumptions Regarding Future Revenues, Expenditures and General Fund Balance

In developing the CIP, the following major assumptions were made regarding future Township revenues and expenditures:

1. A 2.1% decrease in total taxable value in the Township in 2011 is assumed, with 1% annual growth projected in years beyond 2011.
2. State revenue sharing is projected to increase slightly in 2011, to \$630,000, and remain flat thereafter.
3. The Township's non-capital expenditure level (basic operating expenditures) is projected to increase by 2% per year.





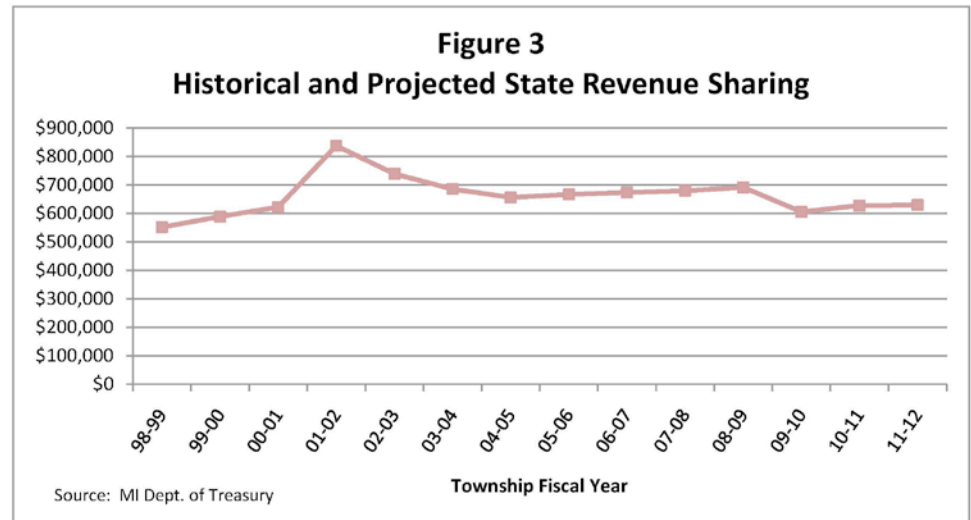
4. An additional assumption made in preparing the CIP is that the Township will expend some of its undesignated general fund reserves on capital projects within the next 6 years. As of the end of FY 2009-2010, the Township's undesignated general fund reserves were over \$1.9 million, or about 94% of the Township's annual general fund operating expenditures.

Input from the Township's auditing consultant is that a prudent level of reserve funding is in the range of 25% to 50% of the Township's annual operating expenditures.

**Project Evaluation Criteria:**

In order to compare the relative merits and priority of project requests for consideration in the CIP, the following criteria were used by the CIP Committee in evaluating projects for inclusion in the Plan:

- Whether the project is mandated by State or Federal law or regulation.
- Whether the project addresses an immediate threat to public health and/or safety
- Whether the project replaces or rehabilitates an existing deteriorated facility.
- Whether the timing of the project is coordinated with another project, thereby achieving cost efficiencies or reductions through project coordination.
- Whether the project advances adopted community goals and policies contained in a document such as the Township Master Plan, Parks and Recreation Plan, and adopted Utility Plan or other adopted policy document.
- Whether completion of the project will result in a reduction in annual operation and maintenance costs.
- Whether the project promotes economic development & job creation in the community.



Note: Data through FY 2010-11 is actual; FY 2011-12 is projected based on information from January, 2011 consensus revenue forecast by Michigan Dept. of Treasury

## **Summary of Planned Capital Improvement Projects by Year**

Tables 1-8 in the Appendix identify the proposed capital projects to be funded from each of the Township's major fund accounts. Following is a discussion of major projects proposed in each of the major fund accounts:

### General Fund:

Capital expenditures proposed for the 2011-12 fiscal year include two significant road rehabilitation projects, in partnership with the Kent County Road Commission – re-paving of Bailey Drive, from Vergennes St. to McCabe Ave., and re-paving of Bronson St. in the Village. The Bailey Drive pavement condition rating is among the lowest in the Township, using the formal rating system developed by the Road Commission. The Bronson St. project includes addition of a sidewalk on the north side of the street, decorative lighting, and addition of 30 head-in parking spaces at the business district end of the street.

Additional general fund capital expenditures programmed in the CIP for FY 2011-12 include \$30,000 for re-paving of the Township Hall parking lots and \$27,000 for upgrading of audio/visual equipment in the Township Hall Assembly Room.

Beyond the next fiscal year, programmed projects include retrofitting of Village street lights with LED lamps, and reconstruction/repaving of Hall St., between Cascade Rd. and the Forest Hills Central campus. The Hall St. project is planned to include installation of 5-foot wide sidewalks on each side of the road. This project is to be jointly funded by both Ada and Cascade townships, and the Kent County Road Commission. From years FY 13-14 to FY 16-17, \$50,000 per year is programmed for local road rehabilitation projects. The annual commitment to local road projects proposed over the 6 years of the Plan is about \$166,800 per year.

Transfers of funds from the General Fund to the Trail Fund are proposed in FY 2011-12 and in 2012-13. In the 2011-12 Fiscal Year, \$185,000 is proposed to be transferred to the Trail Fund, even though the Trail Fund is projected to end the year with a positive balance without any outside funding. The transfer is needed during the course of the fiscal year to meet the cash flow needs of the Trail Fund, since nearly all expenditures during the fiscal year occur prior to property tax revenue being received in the December to mid-February time period. An additional transfer of \$220,000 from the General Fund to the Trail Fund is anticipated in 2012-13.

### Public Safety Fund:

The only major capital expenditure in the Public Safety Fund is a planned purchase of a new fire fighting apparatus in FY 2012-13, for which \$200,000 is allocated.

Parks and Recreation Fund:

A very large number of park projects, both large and small, are proposed in the next 6 years. Major projects planned at Ada Park in the next two years include patching/repair of the tennis courts, and replacement of one of the playground play structures. In addition, re-opening of the former parking lot adjacent to the soccer field in Ada Park is proposed, including paving of this lot.

Projects proposed at Ada Park toward the end of the 6-year plan horizon include addition of scoreboards and lighting at the softball fields, and major repairs/rehabilitation to the maintenance building/garage.

At Roselle Park, several major projects are proposed in the Plan, including construction of major facilities included in the Roselle Park Master Plan. These include a playground, picnic area with a pavilion/shelter, a new driveway access and parking area, a community center building and a maintenance building.

At the Grand River Natural Area, adjacent to Ada Moorings, funds are allocated for trail repairs, bank stabilization adjacent to the trail along the river, and addition of a security railing where the trail adjoins a steep river bank.

Projects included in the plan for Leonard Field include upgrading sub-standard electrical equipment for the lighting system and scoreboard, and a liner system to produce a better quality ice skating surface on the softball field in the winter.

Trail Fund:

Non-motorized trail projects proposed include payment of the final installment of \$122,500 in local matching funds to MDOT for completion of the pedestrian/bicycle deck as part of the M-21 bridge re-construction project, and completion of trails connecting to the new bridge from the Village and from the Pettis Ave./Vergennes St. intersection.

As discussed earlier, completion of these trail projects will require use of some Township general funds to supplement funds generated by the Township's non-motorized trail millage and the 2007 bond issue for trail construction. A total of \$405,000 is programmed to be transferred from the General Fund to the Trail fund within the next two years, to provide funds for completion of high priority trail projects, and to provide for cash flow needs of the Trail Fund.

DDA Fund:

Projects proposed by the DDA at this time are modest, based on the lack of tax increment revenues available. In summer, 2011, the DDA plans to install a few pedestrian-related furnishings in the Village, including trash receptacles, benches and bike racks.

Water Fund:

Major water system improvements included in the CIP have all been identified as needed projects in the Water System Reliability Study, which is updated every 5 years, most recently in 2006. The projects include several water main extensions to complete loops that enhance system reliability and redundancy, replacement of major equipment at the Township's water booster pump station, and a radio telemetry system for collection, transmission and recording of key water system performance data. In 2011, a short water main segment may be installed in Bronson St., coordinated with the Bronson St. re-paving project.

Sewer Fund:

The Township plans to undertake a major sewer replacement project in 2011 – replacement of the sanitary sewer force main under Ada Drive from the main sewer pump station near 5/3 Bank to its connection to the gravity sewer west of Paradise Lake Dr. This \$2.2 million project is to be bond financed, and is coordinated with the Kent County Road Commission's planned re-construction of Ada Drive between Thornapple River Dr. and Fox Hollow Ave., also scheduled for completion in 2011.

Other planned sewer system projects include routine equipment replacement at the main lift station and addition of a radio telemetry system to collect, transmit and record system performance data.

**Projected Major Fund Balance Sheets, 2011 – 2017**

Tables 9-14 are projected balance sheets for each of the Township's major fund accounts (excepting water and sewer), for each of the 6 years included in the CIP. The balance sheet projections are based on the assumptions discussed earlier in this document regarding future Township revenues and operating expenses, as well as the projected capital expenditure projects in each of the funds.

Of particular note is the projected decrease in the General Fund balance from its current level of approximately \$1.9 million to about \$454,500 at the end of fiscal year 2016-17. Based on the conservative assumptions made regarding future revenue and expenditure trends, this fund balance would be about 26% of the projected General Fund operating expenditures in that year. This level is at the low end of the desirable range of 25% to 50% suggested by the Township's auditors. Consequently, it remains a goal of the Township in future updates of the CIP to achieve a fund balance that is nearer to the upper end of the range suggested by the auditor.

It also should be noted that with the assumption made regarding modest growth in property tax revenue in future years, the trail fund revenues barely keep pace with scheduled increase in annual debt service payments on the 2007 trail construction bond issue. As a result, the projected trail millage revenue of \$462,400 in FY 2016-17 is less than the \$463,000 debt service payment due in the same year.

### **Annual Update of the CIP**

This Plan is prepared at a time of great uncertainty regarding the future of the Michigan economy. This creates similar uncertainty regarding future State and local government revenue trends, particularly with respect to State revenues that are passed through to local governments, and trends in local property tax revenues.

Given this uncertainty, it is important to recognize that the Capital Improvements Plan and the inclusion of projects in the Plan does not represent an irrevocable commitment to those projects. The CIP will be annually updated, and as each year's update is prepared, new information regarding revenue and expenditure trends and the needs and priorities of the Township will be taken into consideration. Based on this new information, projects will be added to or dropped from the Plan, or targeted completion dates will be adjusted.





**ADA TOWNSHIP CAPITAL IMPROVEMENTS PLAN, 2011-2017**

**APPENDICES**



**TABLE 1**  
**SUMMARY OF PLANNED CAPITAL IMPROVEMENT PROJECTS, 2010-11 THROUGH 2016-17**

	<b>FY 11-12</b>	<b>FY 12-13</b>	<b>FY 13-14</b>	<b>FY 14-15</b>	<b>FY 15-16</b>	<b>FY 16-17</b>
Administration	\$27,000	\$0	\$0	\$0	\$0	\$0
Cemeteries	\$0	\$12,000	\$0	\$0	\$0	\$0
Public Safety	\$16,500	\$200,000	\$0	\$0	\$0	\$0
Trails	\$122,500	\$240,000	\$0	\$0	\$0	\$0
Parks	\$189,000	\$447,000	\$173,000	\$520,000	\$225,000	\$120,000
Public Works	\$650,705	\$290,000	\$50,000	\$50,000	\$50,000	\$50,000
Buildings and Grounds	\$30,000	\$0	\$0	\$0	\$0	\$0
Water	\$560,000	\$500,000	\$200,000	\$650,000	\$0	\$0
Sewer	\$2,210,000	\$100,000	\$50,000	\$0	\$500,000	\$0
<b>Total:</b>	<b>\$3,805,705</b>	<b>\$1,789,000</b>	<b>\$473,000</b>	<b>\$1,220,000</b>	<b>\$775,000</b>	<b>\$170,000</b>
<b>Cumulative Total</b>	<b>\$3,805,705</b>	<b>\$5,594,705</b>	<b>\$6,067,705</b>	<b>\$7,287,705</b>	<b>\$8,062,705</b>	<b>\$8,232,705</b>
<b>Total, Excl. Water and Sewer</b>	<b>\$1,035,705</b>	<b>\$1,189,000</b>	<b>\$223,000</b>	<b>\$570,000</b>	<b>\$275,000</b>	<b>\$170,000</b>
<b>Cumulative Total, Excl. Water and Sewer</b>	<b>\$1,035,705</b>	<b>\$2,224,705</b>	<b>\$2,447,705</b>	<b>\$3,017,705</b>	<b>\$3,292,705</b>	<b>\$3,462,705</b>

**TABLE 2  
CAPITAL IMPROVEMENT PROJECTS  
GENERAL FUND**

<b>PROJECT TITLE</b>	<b>DEPARTMENT</b>	<b>DEPT. PRIORITY</b>	<b>EST. TO 3/31/11</b>	<b>FY 11-12</b>	<b>FY 12-13</b>	<b>FY 13-14</b>	<b>FY 14-15</b>	<b>FY 15-16</b>	<b>FY 16-17</b>
Road Improvements (Various)	PUBLIC WORKS		\$277,705			\$50,000	\$50,000	\$50,000	\$50,000
Bailey Drive Repaving	PUBLIC WORKS			\$320,000					
Ada Drive/Thornapple Dr. Intersection Treatment	PUBLIC WORKS			\$50,000					
Bronson St. Streetscape/Parking	PUBLIC WORKS		\$12,000	\$280,705					
Twp. Hall Parking Lot Re-Surfacing	BUILDINGS/GROUNDS			\$30,000					
Assembly Room Audio/Visual/Data Upgrade	ADMIN.			\$27,000					
Village Street Lighting LED Retrofit	PUBLIC WORKS				\$90,000				
Hall St. Re-Construction, w sidewalk (Twp. share)	PUBLIC WORKS				\$200,000				
Retaining wall at Ada Cemetery (5' x 75')	CEMETERIES				\$12,000				
<b>TOTAL:</b>			\$289,705	\$707,705	\$302,000	\$50,000	\$50,000	\$50,000	\$50,000
<b>CUMULATIVE TOTAL BY YEAR:</b>				\$707,705	\$1,009,705	\$1,059,705	\$1,109,705	\$1,159,705	\$1,209,705
Subtotal, Public Works				\$650,705	\$290,000	\$50,000	\$50,000	\$50,000	\$50,000
Subtotal, Administration				\$27,000	\$0	\$0	\$0	\$0	\$0
Subtotal, Cemeteries				\$0	\$12,000	\$0	\$0	\$0	\$0
Subtotal, B&G				\$30,000	\$0	\$0	\$0	\$0	\$0

September 29, 2010

**TABLE 3  
CAPITAL IMPROVEMENT PROJECTS  
PUBLIC SAFETY FUND**

<b>PROJECT TITLE</b>	<b>DEPT.</b>	<b>DEPT. PRIORITY</b>	<b>EST. TO 3/31/11</b>	<b>FY 11-12</b>	<b>FY 12-13</b>	<b>FY 13-14</b>	<b>FY 14-15</b>	<b>FY 15-16</b>	<b>FY 16-17</b>
Station 2 Backup Power Generator	Public Safety			\$5,000					
Purchase New Hurst Cutters	Public Safety			\$6,500					
Floor Drain Repair, Station 1	Public Safety			\$5,000					
Purchase New Fire Engine	Public Safety				\$200,000				
<b>TOTALS:</b>				\$0	\$16,500	\$200,000	\$0	\$0	\$0
<b>CUMULATIVE TOTAL BY YEAR:</b>				\$0	\$16,500	\$216,500	\$216,500	\$216,500	\$216,500

**TABLE 4**  
**CAPITAL IMPROVEMENT PROJECTS**  
**PARKS AND RECREATION FUND**  
**(\$1,000's)**

PROJECT TITLE	RANK	TOTAL COST	EST. TO 3/31/11	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	PROJECTED FUNDING SOURCES		
										GRANTS	TWP.	OTHER
<b>Ada Park</b>												
Playground Upgrade	1	\$135.0	\$10.0	\$125.0						\$10.0	\$105.0	\$10.0
Sensory Garden (2)	2	\$2.0		\$2.0							\$1.5	\$0.5
Pave GR Dr. middle parking lot **	2	\$100.0			\$100.0						\$100.0	
Tennis Courts patching/repair	1	\$7.0		\$7.0							\$7.0	
Tennis Courts renovations **	2	\$100.0			\$100.0					\$25.0	\$50.0	\$25.0
Upgrade athletic/multi purpose fields	1	\$6.0		\$4.0	\$2.0						\$6.0	
Irrigation to DNR soccer field	2	\$5.0		\$5.0							\$5.0	
Office/classroom bldg upgrade - int. & ext.	3	\$7.0	\$3.0	\$4.0						\$2.0	\$2.0	\$0.0
Upgrade Gates (2 - GR Dr. & Lot - Automated)	4	\$30.0				\$30.0					\$30.0	
Paved woodland trail upgrade **	5	\$75.0					\$75.0			\$10.0	\$65.0	
Scoreboard for softball fields	6	\$30.0						\$30.0			\$15.0	\$15.0
Lighting for softball fields	6	\$30.0						\$30.0			\$15.0	\$15.0
<b>Roselle Park</b>												
Daylight Stream and Related drain Work	1	\$100.0	\$100.0									
Upgrade master plan	1	\$5.0		\$5.0							\$5.0	
Well	2	\$15.0		\$15.0							\$15.0	
Open MI Street Entrance, drive, parking lot	3	\$120.0			\$120.0					\$20.0	\$100.0	
Playground development/constructor	4	\$75.0			\$75.0					\$20.0	\$50.0	\$5.0
Habitat Enhancements-Wetlands/grasslands	4	\$15.0		\$2.0		\$8.0	\$5.0				\$10.0	\$5.0
Lagoon site restoration	5	\$100.0				\$100.0				\$10.0	\$80.0	\$10.0
Construct Multi Use Bldg. w/ restroom	5	\$300.0					\$300.0			\$50.0	\$150.0	\$100.0
Upgrade Gate(s?) - Automated	5	\$20.0			\$20.0						\$20.0	
Interpretive Signs	5	\$30.0				\$30.0				\$10.0	\$20.0	
Riverbank Erosion Control	5	\$125.0					\$125.0			\$25.0	\$100.0	
Picnic Area - Pavilion/shelter	6	\$150.0						\$150.0		\$25.0	\$100.0	\$25.0
Construct Maintenance Bldg.	7	\$120.0							\$120.0	\$10.0	\$100.0	\$10.0
<b>Leonard Field</b>												
Develop Site Master Plan	1	\$5.0		\$5.0							\$5.0	
Ice Rink equipment - Leonard Field	2	\$8.0		\$8.0							\$8.0	
Upgrade lighting/scoreboard electrical	3	\$15.0					\$15.0				\$15.0	
Upgrade scoreboard	4	\$15.0						\$15.0			\$8.0	\$7.0
<b>Grand River Natural Area</b>												
Security Railing along trail near river bank	1	\$4.0		\$4.0							\$4.0	
River bank stabilization (or move trail)**	2	\$30.0			\$30.0					\$5.0	\$25.0	



**TABLE 4  
CAPITAL IMPROVEMENT PROJECTS  
PARKS AND RECREATION FUND  
(\$1,000's)**

PROJECT TITLE	RANK	TOTAL COST	EST. TO 3/31/11	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	PROJECTED FUNDING SOURCES		
										GRANTS	TWP.	OTHER
Interpretive/directional signs		\$8.0		\$3.0		\$5.0				\$2.0	\$6.0	
<b>TOTALS:</b>		\$1,787.0	\$113.0	\$189.0	\$447.0	\$173.0	\$520.0	\$225.0	\$120.0	\$224.0	\$1,222.5	\$227.5
POTENTIAL FUNDING SOURCES												
	Parks Fund		\$113.0	\$165.1	\$347.0	\$139.1	\$333.3	\$138.0	\$100.0		\$1,222.5	
	Grant Funds		\$0.0	\$12.8	\$70.0	\$21.3	\$85.0	\$25.0	\$10.0	\$224.0		
	Other Sources		\$0.0	\$11.2	\$30.0	\$12.7	\$101.7	\$62.0	\$10.0			\$227.5
Cumulative Parks Fund, by Year				\$165.1	\$512.1	\$651.2	\$984.5	\$1,122.5	\$1,222.5			

**TABLE 5  
CAPITAL IMPROVEMENT PROJECTS  
TRAIL FUND**

<b>PROJECT TITLE</b>	<b>DEPARTMENT</b>	<b>DEPT. PRIORITY</b>	<b>EST. TO 3/31/11</b>	<b>FY 11-12</b>	<b>FY 12-13</b>	<b>FY 13-14</b>	<b>FY 14-15</b>	<b>FY 15-16</b>	<b>FY 16-17</b>
M-21 Bridge Pedestrian/Bicycle Facility	TRAILS		\$122,500	\$ 122,500					
Pettis Ave.to M-21 Bridge/M-21 Bridge to Ada Dr.	TRAILS				\$150,000				
Reinforcement of 3 Ada Drive Boardwalks	TRAILS				\$90,000				
Knapp St., Grand River Dr. to Township Boundary	TRAILS								
Pettis Ave., Knapp St. to 2 Mile Rd.	TRAILS								
Spaulding Ave., Ada Dr. to Fulton St.	TRAILS								
Connection between Spaulding Ave. and Grand River Dr.	TRAILS								
Knapp St. Pedestrian Bridge	TRAILS								
<b>TOTAL:</b>			\$122,500	\$122,500	\$240,000	\$0	\$0	\$0	\$0
<b>CUMULATIVE TOTAL BY YEAR:</b>				\$122,500	\$362,500	\$362,500	\$362,500	\$362,500	\$362,500

January 12, 2011

**TABLE 6  
CAPITAL IMPROVEMENT PROJECTS  
DDA FUND**

<b>PROJECT TITLE</b>	<b>DEPT.</b>	<b>DEPT. PRIORITY</b>	<b>EST. TO 3/31/11</b>	<b>FY 11-12</b>	<b>FY 12-13</b>	<b>FY 13-14</b>	<b>FY 14-15</b>	<b>FY 15-16</b>	<b>FY 16-17</b>
Streetscape Improvements (Benches, Bike Racks, Trash Receptacles)				\$7,600					
<b>TOTALS:</b>				\$7,600	\$0	\$0	\$0	\$0	\$0
<b>CUMULATIVE TOTAL BY YEAR:</b>				\$7,600	\$7,600	\$7,600	\$7,600	\$7,600	\$7,600

**TABLE 7  
CAPITAL IMPROVEMENT PROJECTS  
WATER FUND**

<b>PROJECT TITLE</b>	<b>DEPT.</b>	<b>DEPT. PRIORITY</b>	<b>EST. TO 3/31/11</b>	<b>FY 11-12</b>	<b>FY 12-13</b>	<b>FY 13-14</b>	<b>FY 14-15</b>	<b>FY 15-16</b>	<b>FY 16-17</b>
Bronson-Fulton Water Main Into Village	Water			\$340,000					
Replace 8" flow meter in booster station	Water			\$50,000					
Replace chart recorder in booster station	Water			\$10,000					
Replace booster station pumps	Water			\$150,000					
Water System Reliability Study	Water			\$10,000					
Water main across Thornapple River	Water				\$250,000				
Radio telemetry system	Water				\$250,000				
Gr. Valley Est. Water Main Loop and Pump Upgrade	Water					\$200,000			
Forest Hills Central Water Main Loop	Water					\$0			
Forest Bend-to-Spaulding Water Main Loop	Water						\$175,000		
Hall St. and Fox Meadow Water Main Loop	Water						\$475,000		
Painting of Knapp St. Water Tower	Water								\$200,000
<b>TOTAL:</b>				\$560,000	\$500,000	\$200,000	\$650,000	\$0	\$0
<b>CUMULATIVE TOTAL BY YEAR:</b>				\$560,000	\$1,060,000	\$1,260,000	\$1,910,000	\$1,910,000	\$1,910,000

**TABLE 8  
CAPITAL IMPROVEMENT PROJECTS  
SEWER FUND**

<b>PROJECT TITLE</b>	<b>DEPT.</b>	<b>DEPT. PRIORITY</b>	<b>EST. TO 3/31/11</b>	<b>FY 11-12</b>	<b>FY 12-13</b>	<b>FY 13-14</b>	<b>FY 14-15</b>	<b>FY 15-16</b>	<b>FY 16-17</b>
Televise Ada Drive Gravity Sewer	Sewer		\$10,000						
Replace Ada Drive Forcemain	Sewer			\$2,200,000					
Feasibility Study for Ada East Sewer Extension	Sewer			\$10,000					
Construct Radio Telemetry System	Sewer				\$100,000				
Upgrade Pumps at Spaulding Ave. Lift Station	Sewer					\$50,000			
Replace 4 Pumps at Main Lift Station	Sewer							\$500,000	
<b>TOTALS:</b>			\$10,000	\$2,210,000	\$100,000	\$50,000	\$0	\$500,000	\$0
<b>CUMULATIVE TOTAL BY YEAR:</b>			\$10,000	\$2,220,000	\$2,320,000	\$2,370,000	\$2,370,000	\$2,870,000	\$2,870,000

**TABLE 9  
GENERAL FUND  
PROJECTED REVENUES/EXPENDITURES - 2010-11 THROUGH 2016-17**

**GENERAL FUND REVENUES**

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
Property taxes	\$912,887	\$835,000	\$843,400	\$851,800	\$860,300	\$868,900	\$877,600
Licenses and permits	\$142,500	\$145,000	\$145,000	\$145,000	\$145,000	\$145,000	\$145,000
Grants/revenue sharing	\$620,019	\$627,500	\$627,500	\$627,500	\$627,500	\$627,500	\$627,500
Charges for services	\$29,625	\$23,800	\$23,800	\$23,800	\$23,800	\$23,800	\$23,800
Interest and rentals	\$90,282	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000
Bond Sale Proceeds		\$280,705					
Other	\$4,380	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
Total:	\$1,799,693	\$2,005,005	\$1,732,700	\$1,741,100	\$1,749,600	\$1,758,200	\$1,766,900

**GENERAL FUND EXPENDITURES**

Operating Expenditures	\$1,590,020	\$1,590,995	\$1,622,800	\$1,655,300	\$1,688,400	\$1,722,200	\$1,756,600
Debt Service on Capital Impr. Bonds		\$0	\$29,300	\$29,300	\$29,300	\$29,300	\$29,300
Capital expenditures	\$342,705	\$707,705	\$302,000	\$50,000	\$50,000	\$50,000	\$50,000
Transfer to Trail Fund	\$325,000	\$185,000	\$220,000				
Total expenditures	\$2,257,725	\$2,483,700	\$2,174,100	\$1,734,600	\$1,767,700	\$1,801,500	\$1,835,900
Net change in fund balances:	-\$458,032	-\$478,695	-\$441,400	\$6,500	-\$18,100	-\$43,300	-\$69,000
Beginning fund balance:	\$1,956,541	\$1,498,509	\$1,019,814	\$578,414	\$584,914	\$566,814	\$523,514
Ending fund balance:	\$1,498,509	\$1,019,814	\$578,414	\$584,914	\$566,814	\$523,514	\$454,514
Ending fund balance, as % of operating budget	94.2%	64.1%	35.6%	35.3%	33.6%	30.4%	25.9%



February 16, 2011

**TABLE 10  
PUBLIC SAFETY FUND  
PROJECTED REVENUES AND EXPENDITURES - 2010-11 THROUGH 2016-17**

**PUBLIC SAFETY FUND REVENUES**

	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>
Property taxes	\$903,316	\$881,727	\$890,500	\$899,400	\$908,400	\$917,500	\$926,700
Licenses and permits							
Grants/revenue sharing							
Charges for services							
Interest and rentals	\$10,200	\$9,500	\$9,500	\$9,500	\$9,500	\$9,500	\$9,500
Other	\$6,600	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Total:	\$920,116	\$892,227	\$901,000	\$909,900	\$918,900	\$928,000	\$937,200

**PUBLIC SAFETY FUND EXPENDITURES**

Law enforcement	\$360,000	\$307,570	\$307,570	\$307,570	\$307,570	\$307,570	\$307,570
Fire protection	\$502,753	\$528,638	\$528,600	\$528,600	\$528,600	\$528,600	\$528,600
Capital outlay	\$12,350	\$16,500	\$200,000	\$0	\$0	\$0	\$0
Total expenditures	\$875,103	\$852,708	\$1,036,170	\$836,170	\$836,170	\$836,170	\$836,170
Net change in fund balances	\$45,013	\$39,519	-\$135,170	\$73,730	\$82,730	\$91,830	\$101,030
Beginning fund balance:	\$1,818,135	\$1,863,148	\$1,902,667	\$1,767,497	\$1,841,227	\$1,923,957	\$2,015,787
Ending fund balance:	\$1,863,148	\$1,902,667	\$1,767,497	\$1,841,227	\$1,923,957	\$2,015,787	\$2,116,817

February 16, 2011

**TABLE 11  
PARK AND RECREATION FUND  
PROJECTED REVENUES/EXPENDITURES - 2010-11 THROUGH 2016-17**

**PARK AND RECREATION FUND REVENUES**

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
Property taxes	\$229,903	\$221,925	\$224,100	\$226,300	\$228,600	\$230,900	\$233,200
Transfer in from Parks/Open Space Fund	\$150,000	\$147,000	\$148,470	\$149,940	\$151,452	\$152,964	\$154,476
Transfer in from General Fund			\$140,000	\$142,100	\$144,232	\$146,395	\$148,591
Licenses and permits							
Contributions	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Grants/revenue sharing	\$0	\$12,750	\$70,000	\$21,250	\$85,000	\$25,000	\$10,000
Charges for services	\$40,100	\$49,500	\$49,500	\$49,500	\$49,500	\$49,500	\$49,500
Interest and rentals	\$31,691	\$21,900	\$21,900	\$21,900	\$21,900	\$21,900	\$21,900
Other	\$200	\$11,167	\$30,000	\$12,667	\$101,667	\$62,000	\$10,000
<b>Total:</b>	<b>\$452,894</b>	<b>\$465,242</b>	<b>\$684,970</b>	<b>\$624,657</b>	<b>\$783,350</b>	<b>\$689,659</b>	<b>\$628,667</b>

**PARK AND RECREATION FUND EXPENDITURES**

Non-capital expenditures	\$186,518	\$339,770	\$346,600	\$353,500	\$360,600	\$367,800	\$375,200
Capital expenditures	\$113,000	\$189,000	\$447,000	\$173,000	\$520,000	\$225,000	\$120,000
<b>Total expenditures</b>	<b>\$299,518</b>	<b>\$528,770</b>	<b>\$793,600</b>	<b>\$526,500</b>	<b>\$880,600</b>	<b>\$592,800</b>	<b>\$495,200</b>
Net change in fund balances:	\$153,376	-\$63,528	-\$108,630	\$98,157	-\$97,250	\$96,859	\$133,467
Beginning fund balance:	\$187,154	\$340,530	\$277,002	\$168,372	\$266,528	\$169,279	\$266,137
Ending fund balance:	\$340,530	\$277,002	\$168,372	\$266,528	\$169,279	\$266,137	\$399,604

February 28, 2011

**TABLE 12  
TRAIL FUND  
PROJECTED REVENUES/EXPENDITURES - 2010-11 THROUGH 2016-17**

**TRAIL FUND REVENUES**

	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>
Property taxes	\$450,177	\$440,000	\$444,400	\$448,800	\$453,300	\$457,800	\$462,400
Transfer in from General Fund	\$325,000	\$185,000	\$220,000				
Grants/revenue sharing/donations	\$5,500						
Charges for services							
Interest and rentals	\$5,200	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Total:	\$785,877	\$627,000	\$666,400	\$450,800	\$455,300	\$459,800	\$464,400

**TRAIL FUND EXPENDITURES**

Non-capital expenditures	\$15,000	\$15,000	\$15,300	\$15,600	\$15,900	\$16,200	\$16,500
Debt Service	\$384,663	\$400,010	\$414,658	\$428,280	\$440,878	\$452,450	\$462,998
Capital expenditures	\$1,225,000	\$122,500	\$240,000	\$0	\$0	\$0	\$0
Total expenditures	\$1,624,663	\$537,510	\$669,958	\$443,880	\$456,778	\$468,650	\$479,498
Net change in fund balances:	-\$838,786	\$89,490	-\$3,558	\$6,920	-\$1,478	-\$8,850	-\$15,098
Beginning fund balance:	\$1,166,434	\$327,648	\$417,138	\$413,580	\$420,500	\$419,022	\$410,172
Ending fund balance:	\$327,648	\$417,138	\$413,580	\$420,500	\$419,022	\$410,172	\$395,074

February 16, 2011

**TABLE 13  
PARKS AND LAND PRESERVATION FUND  
PROJECTED REVENUES/EXPENDITURES - 2010-11 THROUGH 2016-17**

**PARKS AND LAND PRESERVATION FUND REVENUES**

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
Property taxes	\$357,713	\$350,000	\$353,500	\$357,000	\$360,600	\$364,200	\$367,800
Licenses and permits							
Contributions							
Grants/revenue sharing	\$62,845						
Charges for services							
Interest and rentals	\$4,919	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Other							
<b>Total:</b>	<b>\$425,477</b>	<b>\$355,000</b>	<b>\$358,500</b>	<b>\$362,000</b>	<b>\$365,600</b>	<b>\$369,200</b>	<b>\$372,800</b>

**PARKS AND LAND PRESERVATION FUND EXPENDITURES**

Non-capital expenditures	\$4,500	\$10,000	\$10,200	\$10,400	\$10,600	\$10,800	\$11,000
Transfer to Parks and Arbc	\$150,000	\$147,000	\$148,470	\$149,940	\$151,452	\$152,964	\$154,476
Capital expenditures	\$8,700	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
<b>Total expenditures</b>	<b>\$163,200</b>	<b>\$357,000</b>	<b>\$358,670</b>	<b>\$360,340</b>	<b>\$362,052</b>	<b>\$363,764</b>	<b>\$365,476</b>
Net change in fund balance	\$262,277	-\$2,000	-\$170	\$1,660	\$3,548	\$5,436	\$7,324
Beginning fund balance:	\$1,147,458	\$1,409,735	\$1,407,735	\$1,407,565	\$1,409,225	\$1,412,773	\$1,418,209
Ending fund balance:	\$1,409,735	\$1,407,735	\$1,407,565	\$1,409,225	\$1,412,773	\$1,418,209	\$1,425,533

January 12, 2011

**TABLE 14  
DDA FUND  
PROJECTED REVENUES/EXPENDITURES - 2010-11 THROUGH 20016-17**

**DDA FUND REVENUES**

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
Transfer in from General Fund							
Tax increment revenue	\$5,465	\$0	\$0	\$0	\$0	\$0	\$0
Contributions							
Grants/revenue sharing							
Charges for services	\$6,300	\$6,300	\$6,300	\$6,300	\$6,300	\$6,300	\$6,300
Interest and rentals	\$25	\$20	\$20	\$20	\$20	\$20	\$20
Total:	\$11,790	\$6,320	\$6,320	\$6,320	\$6,320	\$6,320	\$6,320

**DDA FUND EXPENDITURES**

Non-capital expenditures	\$6,174	\$19,675	\$8,275	\$8,400	\$8,600	\$8,800	\$9,000
Capital expenditures	\$0	\$7,600	\$0	\$0	\$0	\$0	\$0
Total expenditures	\$6,174	\$27,275	\$8,275	\$8,400	\$8,600	\$8,800	\$9,000
Net change in fund balances:	\$5,616	-\$20,955	-\$1,955	-\$2,080	-\$2,280	-\$2,480	-\$2,680
Beginning fund balance:	\$19,603	\$25,219	\$4,264	\$2,309	\$229	-\$2,051	-\$4,531
Ending fund balance:	\$25,219	\$4,264	\$2,309	\$229	-\$2,051	-\$4,531	-\$7,211

