

City of Marshall, Michigan  
Capital Improvements Program  
July 1, 2009 Through June 30, 2015

**Council Members**

**Bruce Smith, Mayor**

James Dyer, Council Member Ward 1  
Nick Metzger, Council Member Ward 2  
Brent Williams, Council Member Ward 3  
Ryan Traver, Council Member Ward 4  
Luanne Miller, Council Member Ward 5  
Kathy Miller, Council Member At Large

**City Administration**

Christopher Olson, City Manager  
Tracy Hovarter, Clerk-Treasurer  
Tom Tarkiewicz, Director of Utilities and Infrastructure  
Scott McDonald, Interim Director of Public Safety

**July 1, 2009 to June 30, 2015**  
**City of Marshall**  
**Update to Capital Improvements Program**  
**Schedule**

<u>Date</u>	<u>Activity</u>
September 15, 2008	Meet with Directors and Department Heads to discuss CIP update process. Distribute materials for actual CIP update.
September 15, 2008 – September 29, 2008	Department Heads work on updates to CIP; submit to Finance Department on or before September 29.
October 1, 2008 – October 10, 2008	Preliminary CIP document assembled by Finance Department based on detail submitted by Department heads.
October 13, 2008 – October 17, 2008	Preliminary CIP document reviewed by City Manager and Finance Director.
October 20, 2008 – October 24, 2008	Draft CIP reviewed by City Manager and Directors.
November 3-7, 2008	Draft CIP distributed to Planning Commission.
November 12, 2008	Planning Commission sets public hearing
December 1-5, 2008	Draft (revised if necessary) CIP document distributed to Planning Commission.
December 10, 2008	Planning Commission holds public hearing on CIP and submits formal recommendation to City Council.
January 5, 2009	Council receives CIP and recommendations by Planning Commission and schedules public hearing for January 20, 2009.
January 20, 2009	City Council holds public hearing on CIP and adopts the CIP.

## **City of Marshall Capital Improvements Program**

This year's Capital Improvements Program (CIP) provides an opportunity for the various stakeholders in the City of Marshall to come together and prepare a plan of the City's capital improvement needs for the next six years. These stakeholders include the City Council, city administration along with department heads, and the citizens of Marshall. While not all of these needs will be met, as resources are scarce, the CIP provides a way to prioritize these needs and allocate resources to best meet the various demands.

### ***What is the Capital Improvements Program?***

The CIP is a six-year plan identifying capital projects to be funded over that period. Included in the plan is the year in which the capital item/project will be funded, the duration of the item/project, the source of funding, and the impact, if any, on operational costs once the capital item/project is acquired. All items/projects are prioritized as explained later in this section.

### ***What is a Capital Improvements Item/Project?***

As used in the City of Marshall CIP, a capital improvements item/project is defined as a major, non-recurring expenditure that incorporates any of the following:

1. The acquisition of land for a public purpose.
2. Any construction of a new facility including engineering design and other pre-construction costs with an estimated cost in excess of \$5,000.
3. A non-reoccurring rehabilitation or major repair of all or part of a building, its grounds, a facility, or its equipment, provided that such costs are more than \$5,000 and the improvement will have a useful life of ten years or more.
4. Purchase of major equipment valued in excess of \$5,000 with a useful life of three years or more.
5. Major studies requiring the employment of outside professional consultants in excess of \$5,000.
6. All projects funded substantially from the proceeds of a debt obligation.

These factors should be used to determine if a project should be considered as part of the CIP. If there is uncertainty as to whether a project or expenditure should be included in the CIP, please include it and it will be reviewed during the compilation process.

### ***Why develop a Capital Improvements Program?***

By developing a CIP the City of Marshall is showing fiscal responsibility. A CIP focuses attention on the long-term issues and implications of these needs with regard to financing resources. The CIP demonstrates fiscal responsibility and planning to:

1. City Council
2. Citizens
3. Rating Agencies
4. Municipal Bond Authorities

Further, a CIP facilitates proper planning for economic development in the broadest sense of the term. It helps establish the future plan for growth with regard to infrastructure, utilities, service needs, parks and recreational needs.

### ***What are the benefits of having a Capital Improvements Program?***

The benefits of a thorough and well-planned CIP are numerous. First and foremost, the CIP is a

planning tool which, as mentioned earlier, provides a mechanism to allocate scarce resources across competing demands. Second, with a “pay-as-you-go” approach to financing capital projects, overall savings can be realized by avoiding interest and other costs associated with issuing debt. Third, the CIP provides an opportunity for the city’s Council, administration, and citizens to come together and prioritize the needs of the community. Finally, the CIP is a budgeting tool. As such, each of the six years of the program provide a snapshot of that year’s potential capital expenditures. Each of these years will be considered individually as that year’s Capital Improvement Budget. Hence, the CIP defines the capital needs of the city for each budget year.

***Who is responsible for the preparation of the CIP?***

The key players in the development of the CIP and their respective roles are as follows:

**City Council**

The City Council has final responsibility of authorizing expenditures of public funds for capital improvement projects. The City Council will be reviewing, conducting public hearings, and adopting the capital improvements program. Once approved, the CIP will be used as a guide for preparing the budget.

**City Manager**

The City Manager has the responsibility for submitting the proposed capital improvements program to the Planning Commission and City Council for their review. It is the responsibility of the City Manager to review the proposed program as to content, timing, coordination and its affect on the overall fiscal policy and abilities of the City.

**Finance Department**

The Finance Department has the responsibility of coordinating the actual preparation of the proposed capital improvements program. The Director of Finance coordinates and reviews individual department projects and prepares the program document. This Department is also responsible for providing supporting information regarding the City’s revenue and expenditure capabilities and limitations.

**Directors and Department Heads**

The Directors and Department Heads have the most knowledge and information concerning the functions and needs of their respective departments. They are responsible for analyzing plans and projects and projecting their costs for inclusion the in CIP. They are also responsible for obtaining the input and approval of proposed projects by the various boards and commissions concerned with their activities. Along with information regarding each project, they are responsible for weighing each project and assigning a priority level which designates the project’s criticality.

**Citizens of Marshall**

The citizens of Marshall have a responsibility to express their concerns and desires as they relate to the CIP through meeting with City Council, staff, and the various boards and advisory committees created by the City.

***How should projects be prioritized?***

This section provides a basis for determining first the significance of a project, and second how this project should be prioritized. Listed below are several criteria to assist in determining the

significance of a project:

- relationship to Master Plan For Land Use
- relationship to City Council vision and goals
- relationship to overall community needs
- relationship to other projects
- necessary to fulfill any federal or state judicial or administrative requirements
- impact on annual operating and maintenance costs
- relationship to other community plans (Marshall Area in Focus: 2007)
- relationship to source and availability of funds
- relationship to overall fiscal policy and capabilities

Based on the significance of each project, the next step involves assigning a priority ranking to each project. The priority rankings are defined below:

- Priority 1: Project cannot be postponed. It is partially completed, meets an emergency situation or the City is committed by contractual arrangement.
- Priority 2: Project is important and should be carried out as scheduled so as to meet anticipated needs of a current program, to replace unsatisfactory facilities, or to maintain the a program at its current level of performance.
- Priority 3: Project is needed to expand a program or facility; however, the project can wait until funds become available.
- Priority 4: Project identified as ideal for operations but cannot yet be recommended for action. Can safely be deferred beyond the third (3<sup>rd</sup>) year of the six (6) year projection.

Prior projects already identified in the CIP should be thoroughly reviewed. Make certain that cost projections are updated. Make priority changes when necessary. New projects should be submitted by completing the CIP New Project Request Form attached. The form is available in electronic format. Simply go to F:/USERS/SHARED/2009-2015 CIP/CIP New Project Request Form.

It will be of the utmost importance that purpose of each project is detailed and complete. The project should be linked to the vision process and SMART outcomes and goals established through this process.

### ***Ongoing Maintenance Costs***

Please pay close attention to quantifying the impact proposed projects will have on operating and maintenance costs including personnel time, equipment, materials and supplies. If a savings will be realized from the project (example: project will reduce chemical costs by \$1,000), this too should be quantified. This information should be included in the “Explanation of Affect on Operations” section of the project record.

**City of Marshall, Michigan  
2009/10 - 2014/15 Capital Improvement Program  
Proposed Capital Costs by Fund--All Priorities**

	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	Total	Grants/Trade In/Other
General Fund	\$ 467,467	\$ 1,685,580	\$ 1,245,130	\$ 1,379,113	\$ 1,129,613	\$ 1,000,780	\$ 6,907,683	\$ 1,905,400
MVH--Major & Local	\$ 283,333	\$ 273,600	\$ 419,000	\$ 196,667	\$ 186,667	\$ -	\$ 1,359,267	\$ -
Airport	\$ 8,875	\$ 625	\$ 8,625	\$ -	\$ 840,000	\$ -	\$ 858,125	\$ 706,875
Recreation	7,500	313,207	5,000	8,000	48,700	25,000	407,407	-
Compost Center	-	-	-	-	-	-	-	-
Downtown Development Auth.	47,500	970,780	970,780	980,780	980,780	980,780	4,931,400	-
Marshall House	1,166,700	-	12,862	-	-	-	1,179,562	-
Electric	405,250	2,389,500	2,514,500	205,000	190,000	25,000	5,729,250	-
Wastewater	382,000	180,000	190,000	-	-	-	752,000	2,178,000
Water	1,698,900	340,000	145,000	20,000	900,000	-	3,103,900	6,848,100
Dial-A-Ride*	20,000	-	-	-	-	-	20,000	-
Data Processing	48,000	28,400	-	-	-	-	76,400	-
Motor Pool	1,614,800	515,240	334,196	363,169	410,379	248,352	3,486,136	-
	\$ 6,150,325	\$ 6,696,932	\$ 5,845,093	\$ 3,152,729	\$ 4,686,139	\$ 2,279,912	\$ 28,811,130	\$ 11,638,375

Note: Includes all priorities

\*Dial-A-Ride capital projects fully funded through state and federal capital grants

CIP Expenditures by Fund - Chart

# Proposed Capital Costs - All Priorities



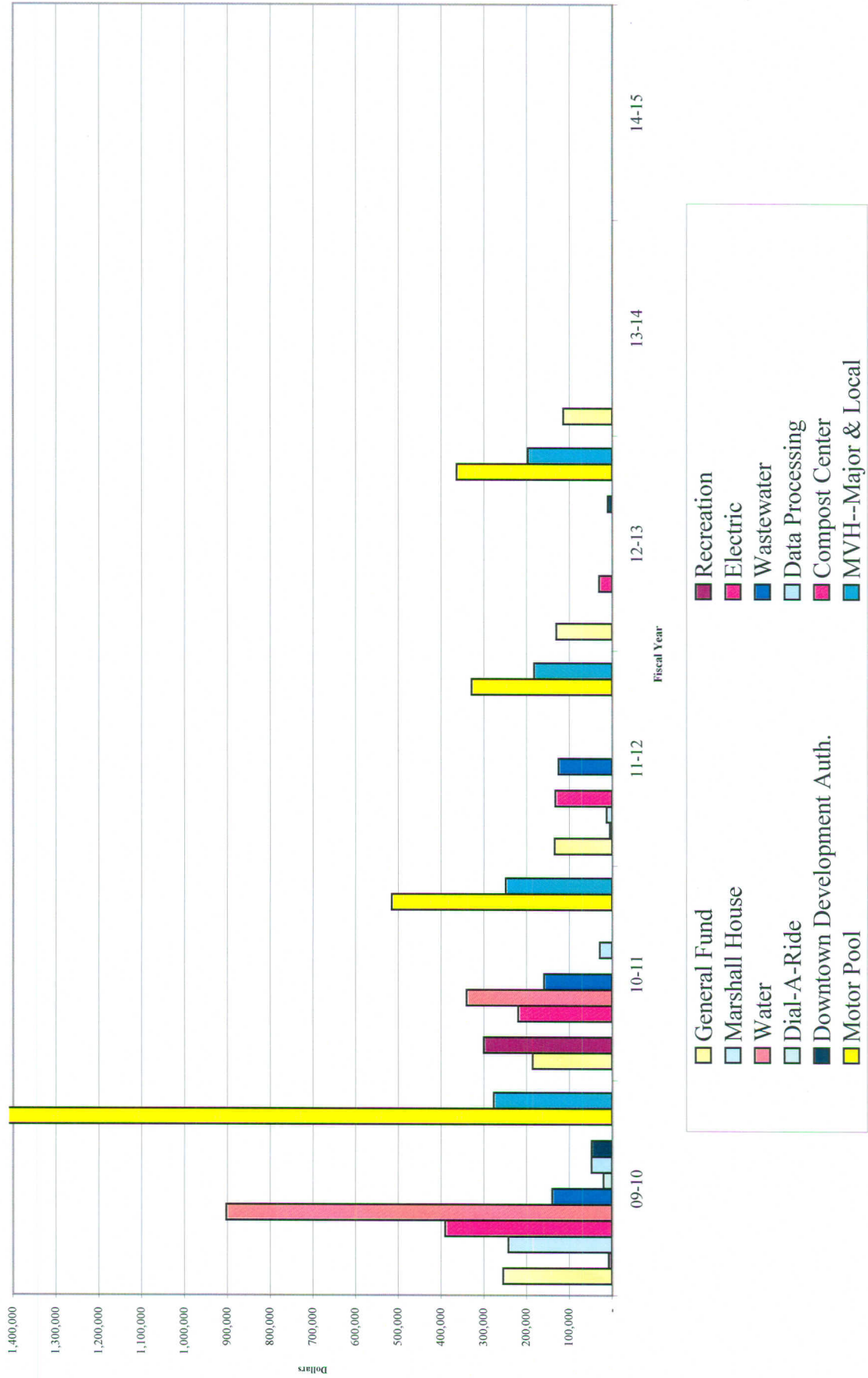
**City of Marshall, Michigan  
2009-2015 Capital Improvement Program  
Proposed Capital Costs by Fund--Priority 1 & 2 Only**

	09-10	10-11	11-12	12-13	13-14	14-15	Total
General Fund	\$ 254,467	\$ 185,800	\$ 134,500	\$ 130,333	\$ 113,833	\$ -	\$ 818,933
MVH--Major & Local	\$ 276,333	\$ 248,600	\$ 182,000	\$ 196,667	\$ 186,667	\$ -	\$ 1,090,267
Airport	\$ 8,875	\$ 625	\$ 8,625	\$ -	\$ -	\$ -	\$ 18,125
Recreation	\$ 7,500	\$ 300,000	\$ 5,000	\$ -	\$ -	\$ -	\$ 312,500
Downtown Developmen	\$ 47,500	\$ -	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 77,500
Marshall House	\$ 242,000	\$ -	\$ 12,862	\$ -	\$ -	\$ -	\$ 254,862
Electric	\$ 390,250	\$ 219,500	\$ 132,500	\$ 30,000	\$ 40,000	\$ 25,000	\$ 837,250
Wastewater	\$ 140,000	\$ 159,000	\$ 125,000	\$ -	\$ -	\$ -	\$ 424,000
Water	\$ 902,000	\$ 340,000	\$ -	\$ -	\$ -	\$ -	\$ 1,242,000
Dial-A-Ride	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000
Compost Center	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Data Processing	\$ 48,000	\$ 28,400	\$ -	\$ -	\$ -	\$ -	\$ 76,400
Motor Pool	\$ 1,564,800	\$ 515,240	\$ 328,196	\$ 363,169	\$ 410,379	\$ 248,352	\$ 3,430,136
	\$ 3,901,725	\$ 1,997,165	\$ 928,683	\$ 730,169	\$ 760,879	\$ 283,352	\$ 8,601,973



CIP Expenditures by Fund - Chart

Proposed Capital Costs - Priorities 1 & 2 Only



*CIP Expenditures by Priority - Chart*

**Proposed Capital Costs By Priority**



**City of Marshall, Michigan  
2009/10 - 2014/15 Capital Improvement Program  
Proposed Financing Plan for All Priorities by Revenue Source**

	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	Grants/Trade In/Other	Total
General Fund Revenue	\$ 467,467	\$ 1,685,580	\$ 1,245,130	\$ 1,379,113	\$ 1,129,613	\$ 1,000,780	\$ 1,905,400	\$ 8,813,083
MVH-Major & Local	283,333	273,600	419,000	-	-	-	-	\$ 975,933
G.O. Bond (GF & MVH projects combined)	-	-	-	196,667	186,667	-	706,875	\$ 1,090,209
Airport	8,875	625	8,625	-	840,000	-	-	\$ 858,125
Recreation Revenue	7,500	13,207	5,000	8,000	48,700	25,000	-	\$ 107,407
Recreation Fund - G.O. Bond	-	300,000	-	-	-	-	-	\$ 300,000
Downtown Development Auth. Revenue	47,500	970,780	970,780	980,780	980,780	980,780	-	\$ 4,931,400
Marshall House Replacement Reserve	42,000	-	12,862	-	-	-	-	\$ 54,862
Marshall House - G.O. Bond	1,124,700	-	-	-	-	-	-	\$ 1,124,700
Electric Revenue	205,250	2,389,500	2,514,500	205,000	190,000	25,000	-	\$ 5,529,250
Electric Revenue Bond	200,000	-	-	-	-	-	-	\$ 200,000
Waste Water Revenue	382,000	180,000	190,000	-	-	-	2,178,000	\$ 2,930,000
Waste Water Revenue Bond	-	-	-	-	-	-	-	\$ -
Water Revenue	1,698,900	340,000	145,000	20,000	-	-	6,848,100	\$ 9,052,000
Water Revenue Bond	-	-	-	-	900,000	-	-	\$ 900,000
Dial-A-Ride	20,000	-	-	-	-	-	-	\$ 20,000
Compost Center	-	-	-	-	-	-	-	\$ -
Data Processing	48,000	28,400	-	-	-	-	-	\$ 76,400
Motor Pool	1,614,800	515,240	334,196	363,169	410,379	248,352	-	\$ 3,486,136
	<u>\$6,150,325</u>	<u>\$6,696,932</u>	<u>\$5,845,093</u>	<u>\$3,152,729</u>	<u>\$4,686,139</u>	<u>\$2,279,912</u>	<u>\$11,638,375</u>	<u>\$40,449,505</u>

Note: Includes all priorities

**Priority One Project Summary**

Project Description	Funds) Impacter	Mandated	Committed	Year						
				2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	
Pager Replacement (fire)	GF			8,800	8,800					
Structural Fire Fighting Protective Clothing (fire)	GF	X		8,500	9,000	9,500	10,000	10,500		
Brooks Fountain Equipment Replacement (parks)	GF									
Windows - (Town Hall)	GF			12,000	12,000	12,000	12,000			
Fuel Tank Replacement	AIRPORT			3,625						
ADA Tub-Shower Combinations	M/H			9,000						
Roof Repair	M/H			200,000						
I & I Study (Inflow and Infiltration)	W/W			60,000						
Multitrode pump Controllers	W/W			14,000						
Return Pump Replacement	W/W			9,000	9,000					
Replacement for 12-42 (Snorkel Truck) (fire)	MP			890,000						
Replace 1997 Ford Taurus	MP				18,500					
Replace 1998 Escort Station Wagon	MP					19,100				
Replace 1998 Jeep Cherokee	MP						19,700			
Replace 1999 Dodge Van	MP							20,300		
Replace 2001 Ford Windstar Van	MP								20,900	
Replace 2005 Crown Victoria M-6	MP			23,600						27,400
Replace 2005 Crown Victoria M-4	MP			23,600						26,600
Replace 2005 Crown Victoria M-3	MP					25,000				
Replace 2006 Crown Victoria M-2	MP						25,800			
Replace 2006 Crown Victoria M-5	MP			23,600					26,600	
Replace 2008 Crown Victoria M-1	MP								26,600	
Replace 1997 Ford F-150 (WW)	MP				16,300					
Replace 1995 Ford 4 WD Pickup (DPW)	MP				20,600					
Replace 1996 Dodge Pickup (Water)	MP				16,300					
Replace 1997 Chevy 4 WD Pickup (DPW)	MP			20,000						
Replace 1997 Chevy 4 WD Pickup (DPW)	MP			20,000						
Replace 1999 Dodge 4 WD Pickup (DPW)	MP								22,510	
Replace 1999 Dodge 4 WD Pickup (PH)	MP								22,510	
Replace 2000 Dodge 4 WD Pickup (Fire 12-71)	MP									23,185
Replace 2002 Int'l Versalift Bucket Truck (Elec)	MP								185,000	
Replace 2006 Sterling Vector (DPW)	MP				175,000					
Replace 2000 Broom Bear Sweeper (DPW)	MP			185,000						
Replace 1997 Ford Dump Truck (Water)	MP					50,000				
Replace 1998 Ford Dump Truck (DPW)	MP						52,000			
Replace 2000 Ford F-450 (DPW)	MP									56,000
Replace 1996 Int'l 2-1/2 Dump Truck (DPW)	MP				90,000					
Replace 1998 Int'l 2-1/2 Dump Truck (DPW)	MP									
Replace 2000 Int'l 2-1/2 Dump Truck (DPW)	MP									100,000

### Priority One Project Summary

Project Description	Fund(s) Impacted	Mandated	Committed	2009-10					2010-11	2011-12	2012-13	2013-14	2014-15
Replace 1991 JD Loader (over 2 years) (DPW)	MP							100,000		100,000			
Replace 1989 Ford Backhoe (Water)	MP						100,000						
Replace 1973 Ford Tractor (DPW)	MP			75,000									
Replace 2002 Skid Steer (DPW)	MP							45,000					
Replace Zero Turn Mowers (DPW)	MP			18,000			18,500	19,096		19,669		20,259	20,867
Replace 1991 Brush Chipper (Elect)	MP									40,000			
Replace 1999 Trackless (over 2 years) (DPW)	MP			50,000			50,000						
Replace Leaf Loader - Refurbishing (every 2 years) (DPW)	MP			60,000				60,000				60,000	
<b>GRAND TOTAL OF COSTS</b>				<b>\$ 1,713,725</b>			<b>\$ 544,000</b>	<b>\$ 339,696</b>	<b>\$ 374,169</b>	<b>\$ 420,879</b>	<b>\$ 248,352</b>		

**Notes:**

**Mandated:**

1. Required by legislature/state/federal agency
2. Required in order to receive monies for ongoing health & safety projects

**Committed:**

1. City Council / City Manager commitment

### Priority Two Project Summary

Project Description	Funds Impacted					
	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
Water distribution system (cemetery)	62,000					
Accounting Software Upgrade (clerk treasurer)		60,000				
Mobile Eyes Inspection System (fire)	6,000					
Security Cameras North & South Ketchum (parks)	9,000					
2009-2015 Street Preventative Maintenance (streets)	4,000	1,000	2,667			
2009-2015 Street Reconstruction (streets)	86,667	85,000	88,333	98,333	93,333	
Sidewalk Repair (streets)	10,000	10,000	10,000	10,000	10,000	
Town Hall Repairs			12,000			
Mansion Street/North Alley Parking Lot (PC Recommend)	47,500					
2009-2015 Street Reconstruction (streets)	173,333	170,000	176,667	196,667	186,667	
2009-2015 Street Preventative Maintenance (streets)	8,000	2,000	5,333			
Bridge Replacement-Marshall Ave @ Kalamazoo River (streets)	65,000	53,250				
Bridge Replacement-Monroe St @ Rice Creek (streets)	30,000	23,350				
Airport Rehabilitation	5,250					
Taxiway Rehabilitation		625	8,625			
Fence Guard & Outfield Screening #1 & #2	7,500					
Replacement of athletic field lighting system		300,000				
Re-crown Diamonds #1, #2, #3 & #4			5,000			
Parking lot pavement sealing				10,000	10,000	10,000
Mansion Street/North Alley Parking Lot (PC Recommend)	47,500					
Carpet Replacement	33,000					
Trash Compactor			12,862			
Automated load control of hydro	40,000					
Breaker Maintenance	25,000					25,000
Capaitor Banks	20,000	22,000				
Installation of circuit reclosers	18,000					
Upgrade engine protection system #2 & #5	15,000					
South Substation Reclosure Control Replacement	13,000					
Overhaul #3 engine raw water pump	12,000					
Purchase filter pump for load tap changers	10,000					
Upgrade plant #1 house power panels	7,500	7,500	7,500			
Upgrade lube oil filter systems on #2 & #5 engines	7,500					
#2 Engine water pump replacement	7,250					
Replace West Overhead Fuel Tanks w/protection	5,000					
Replace East Overhead Fuel Tanks w/protection	5,000					
Upgrade lube oil heating systems on #2 & #5 engines	5,000					
Engine #3 & #6 gauge panel replacement		80,000	80,000			
Power House roof repairs		50,000				

**Priority Two Project Summary**

Project Description	Fund(s) Impacted	Year					
		2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
Meter/Relay Calibration	ELEC		25,000			25,000	
Air Compressor Replacement	ELEC		15,000	15,000	15,000		
Overhaul East Well Pump	ELEC		15,000				
Add Level alarms to engine fuel day tanks	ELEC		5,000				
Raceway/Dam Maintenance	ELEC			15,000	15,000	15,000	
Overhaul West Well pump	ELEC			15,000			
Upgrade Distribution Lines @ Industrial Park (PC Recommend)	ELEC	200,000					
Raw sludge tank mixer	W/W	25,000					
Valve replacement	W/W	20,000	20,000				
4" Emergency by pass pump	W/W	12,000					
Replace high school lift station	W/W		90,000				
Primary Sludge pump	W/W		20,000				
Gear box replacement	W/W		20,000				
Replace industrial park lift station (S Kalamazoo)	W/W			125,000			
Water tower repainting	WATER		75,000				
Water Main Improvements @ Michigan Ave	WATER	470,000					
Water Main Project @ Allen Road and Forrest St	WATER	153,000					
Water Main Project @ Marshall Avenue	WATER	144,000					
Water Main Improvements @ 400 Blk of Ferguson	WATER	85,000					
Water Main Improvements @ 600 Blk of W Prospect	WATER	50,000					
Water Treatment Distribution Headloss Reduction	WATER		265,000				
DART Enhancement Study	DIAL-A-RIDE	20,000					
Replace Main copier (Town Hall)	DP	24,000					
Replace copier (PSB)	DP	24,000					
Microsoft Office Suite upgrade	DP		20,000				
Replace Digital Duplicator	DP		8,400				
Addition of 2 repair bays at old DART Bldg	MP	112,000					
Laptop Computer Workstations for Patrol Cars	MP	30,000					
In-Car Digital Video Cameras for Patrol Cars	MP	24,000					
Radio Consolidation - UHF radios	MP	10,000	10,000	10,000	11,000		
<b>GRAND TOTAL OF COSTS</b>		<b>\$ 2,188,000</b>	<b>\$ 1,453,125</b>	<b>\$ 588,987</b>	<b>\$ 356,000</b>	<b>\$ 340,000</b>	<b>\$ 35,000</b>

### Priority Three Project Summary

Project Description	Funds Impacted	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
Cemetery road paving project (cemetery)	GF	15,000	15,000	15,000	15,000	15,000	
Live fire training facility (fire)	GF	25,000					
Observation deck @ Brooks Nature Area (parks)	GF	9,000					
Paving North Ketchum Park parking lot (parks)	GF		22,000				
Park identification signs (parks)	GF		12,000				
Sidewalk - Ramp Installation (streets)	GF	10,000	10,000	10,000	10,000		
Salt Barn (streets)	GF		25,000				
Soft Water System (town Hall)	GF			27,850			
Phase I Riverfront Park (PC Recommend) (parks)	GF	75,000					
Ketchum Park Parking (PC Recommend) (parks)	GF	4,000					
Riverwalk Connection to Ketchum (PC Recommend)	GF		300,000				
Kalamazoo Riverfront Parks Planning (PC Recommend)	GF		40,000				
Phase V Riverwalk Design (PC Recommend) (parks)	GF		40,000				
Walnut Street Riverwalk Connection (PC Recommend)	GF		30,000				
South Ketchum Parking Expansion (PC Recommend)	GF			52,000			
New Sidewalk Installation (PC Recommend)	GF	70,000	30,000	30,000	30,000	30,000	30,000
River Street - Double Seal (streets)	MVH	7,000					
Washington/Elm Improvements	MVH			237,000			
Salt Barn (streets)	MVH		25,000				
Permanent Fencing on #3 & 4	REC		13,207				
Seal Coating & Striping Athletic Field Parking Lot	REC					7,500	
Kitchen Replacements	M/H	561,200					
Plant video camera system	ELEC	15,000					
Rewind generator #2	ELEC		120,000				
Rewind generator #5	ELEC			132,000			
Recondition #1 hydro	ELEC				75,000		
Recondition #3 hydro	ELEC					50,000	
Pearl Street Substation Upgrade (PC Recommend)	ELEC		2,000,000	2,000,000			
Pave road to waste water plant	W/W		15,000				
Install Electric Gate	W/W		6,000				
Electrical Controls Replacement	W/W			65,000			
WWTP Industrial Connection (PC Recommend)	W/W	242,000					
Replace chlorine gas with sodium hypochlorite	WATER			100,000			
Install New Water Service @ Washington & Elm	WATER			45,000			
Replace well house #4	WATER				20,000		
Water Treatment Facility #2 (PC Recommend)	WATER	480,000					



**Priority Three Project Summary**

Project Description	Funds Impacted					
	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
Water Tower #3 (PC Recommend)	WATER	240,000				
Well Field #3 Development (PC Recommend)	WATER	62,500				
Water Treatment Facility #2 - Land (PC Recommend)	WATER	14,400				
New Well - Construction (PC Recommend)	WATER				900,000	
Screening Machine for Compost & DPW	MP	50,000				
<b>GRAND TOTAL OF COSTS</b>		<b>\$ 1,880,100</b>	<b>\$ 2,703,207</b>	<b>\$ 2,713,850</b>	<b>\$ 150,000</b>	<b>\$ 1,002,500</b>
						<b>\$ 30,000</b>

### Priority Four Project Summary

Project Description	Funds Impacted	2009-10					2010-11					2011-12					2012-13					2013-14					2014-15																
Boat Launch @ PSB	GF													50,000																													
Purchase New Playground Equipment	GF													45,000																													
Sherman Court Pond Nature Trail (PC Recommend)	GF												5,000																														
Ketchum Park Restroom (PC Recommend)	GF												5,000																														
Ketchum Park Parking & Access (PC Recommend)	GF																																										
Michigan Avenue Streetscape (PC Recommend)	GF												644,680																									644,680					
Parking Lots (PC Recommend)	GF												302,450																								302,450						
Wayfinding Signs (PC Recommend)	GF												23,650																								23,650						
Athletic Field Sign	REC																																				8,000						
Dug Outs	REC																																				41,200						
Sprinkler System Diamonds #3 & #4	REC																																				25,000						
Environmental Assessment (PC Recommend)	AIRPORT																																				840,000						
Michigan Avenue Streetscape (PC Recommend)	DDA												644,680																								644,680						
Parking Lots (PC Recommend)	DDA												302,450																								302,450						
Wayfinding Signs (PC Recommend)	DDA												23,650																								23,650						
Replace Elevators	MH												363,500																														
Retrofit breakers in Plant #1 switchgear	ELEC												50,000																														
Upgrade transformer in south substation	ELEC												200,000																														
Remove 2400 volt switch gear and rewind hydros	ELEC																										100,000										100,000						
Industrial Park Expansion	LDFA																																										
Land purchase for the airport	LDFA																																										
Gas Powered Sod Cutter	MP																																				6,000						
<b>GRAND TOTAL OF COSTS</b>																																						<b>\$ 368,500</b>	<b>\$ 1,996,560</b>	<b>\$ 2,202,560</b>	<b>\$ 2,272,560</b>	<b>\$ 2,922,760</b>	<b>\$ 1,966,560</b>

**City of Marshall, Michigan  
Total Debt--Principal and Interest--(Current) and Percent of  
Total Debt Amortized Within Ten Years**

Fiscal Year Ending June 30	General			MVH	DDA*	LDFA	Bldg. Auth. (Mshl. House)	Electric**	Wastewater	Water	Total	Benchmark
	Fund											
2009	68,902	163,035	56,043	170,796	199,680	431,117	315,638	478,346	1,883,557			
2010	67,413	146,160	54,993	169,921		403,908	319,444	463,214	1,625,053			
2011	41,551	145,923	58,943	168,983		367,755	241,368	469,471	1,493,994			
2012	41,078	145,375	57,653	168,046		362,890	242,637	478,626	1,496,305			
2013	45,552	144,478	61,333	128,230		362,525	244,153	480,946	1,467,217			
2014	45,296	143,220	64,758	130,030		365,838	245,166	482,784	1,477,092			
2015	44,511		62,918	126,715		364,554	240,890	467,872	1,307,460			
2016	44,214		66,038	123,400		366,795	245,934	473,579	1,319,960			
2017	52,228		68,878	125,085		440,565	245,359	306,189	1,238,304			
2018	52,860		71,428	121,575		449,645	244,200	298,185	1,237,893			
2019	53,340		73,678	117,795		457,575	232,962	289,803	1,225,153			
2020	46,800		75,678	114,015		529,215	221,725	89,400	1,076,833			
2021			77,395	115,235		60,630		37,285	290,545			
2022			78,825	111,245		58,718		40,875	289,663			
2023				107,255		61,805		49,230	218,290			
2024				103,170		59,680		47,115	209,965			
2025				99,085		62,480			161,565			
2026						60,060			60,060			
2027						62,640			62,640			
	\$ 603,745	\$ 888,191	\$ 928,561	\$ 2,200,581	\$ 199,680	\$ 5,328,396	\$ 3,039,476	\$ 4,952,920	\$ 18,141,549			

Percent Amortized  
within ten years

66.01%	100.00%	51.98%	53.90%	100.00%	56.78%	68.93%	76.62%	66.54%	>=50%
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\*Does not include parking structure lease payments or Stanton lease payments

\*\*Does not include any portion of MSCPA debt owed by Marshall

# CITY OF MARSHALL DEBT ALL FUNDS

