# City of Marshall, Michigan Capital Improvements Program

July 1, 2007 Through June 30, 2013

### **Council Members**

#### **Bruce Smith**

Jim Dyer, Council Member Ward 1 Mike Kinter, Council Member Ward 2 Brent Williams, Council Member Ward 3 Matt Glaser, Council Member Ward 4 Luanne Miller, Council Member Ward 5 Ron Goodwin, Council Member At Large

### City Administration

Chester E. Travis, City Manager
Tracy Hovarter, Interim Director of Finance
Michael Olson, Director of Public Safety
Tom Tarkiewicz, Director of Utilities and Infrastructure

## July 1, 2007 to June 30, 2013 City of Marshall Update to Capital Improvements Program Schedule

<u>Date</u>	Activity
September 11, 2006	Meet with Directors and Department Heads to discuss CIP update process. Distribute materials for actual CIP update.
September 11, 2006 – September 23, 2006	Department Heads work on updates to CIP; submit to Finance Department on or before September 29.
October 2, 2006 – October 13, 2006	Preliminary CIP document assembled by Finance Department based on detail submitted by Department heads.
October 16, 2006 – October 20, 2006	Preliminary CIP document reviewed by City Manager and Finance Director.
October 23, 2006 – October 27, 2006	Draft CIP reviewed by City Manager and Directors.
November 6-8, 2006	Draft CIP distributed to Planning Commission and City Council.
November 8, 2006	Planning Commission sets public hearing
November 29, 2006	Joint work session with City Council and Planning Commission to review draft CIP (PSB training room).
December 4-6, 2006	Draft (revised if necessary) CIP document distributed to Planning Commission.
December 13, 2006	Planning Commission holds public hearing on CIP and submits formal recommendation to City Council.
January 2, 2007	Council receives CIP as recommended by Planning Commission and schedules public hearing for January 16, 2007.
January 16, 2007	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, the various layers of city administration, 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 preconstruction 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 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, as it is essential, partially completed, meets an emergency situation or the City is committed by contractual arrangement. Only essential projects should be so classified.
- Priority 2: Project should be carried out within a few years to meet anticipated needs of a current program, to replace unsatisfactory facilities, or to maintain the agency program at current level of performance.
- Priority 3: Project is needed for the expansion of 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/2006-2012 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 <u>quantifying</u> 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 2007/08 - 2012/13 Capital Improvement Program Proposed Capital Costs by Fund--All Priorities

	2	.007-08	2	2008-09	2	2009-10	2	2010-11	2	2011-12	2012-13	3	Total	Grants/Trade In/Other
General Fund	\$	903,730	\$	318,000	\$	932,225	\$	447,500	\$	75,000	\$ 5,000	) \$	2,681,455	\$ 3,513,875
MVHMajor & Local	\$	742,531	\$	616,612	\$	244,482	\$	261,576	\$	248,871	\$ 250,000	) \$	2,364,072	\$ 1,439,250
Recreation		87,870		-		-		300,000		-	-	\$	387,870	-
Downtown Development Auth.		5,000		5,000		5,000		5,000		5,000	5,000	) \$	30,000	-
Marshall House		857,000		363,500		561,200		-		-	-	\$	1,781,700	-
Electric	4	4,730,500		209,200		479,000		255,500		288,500	10,000	) \$	5,972,700	-
Wastewater		219,000		85,000		130,000		4,810,000		-	-	\$	5,244,000	-
Water		406,316		-		900,000		255,000		-	-	\$	1,561,316	350,000
Dial-A-Ride*		90,000		90,000		270,000		-		-	-	\$	450,000	32,000
LDFA		-		-		-		-		-	-	9	TBD	-
Data Processing		28,000		20,000		20,000		-		-	-	\$	68,000	-
Motor Pool		16,000		-		40,000		-		-	-	\$	56,000	-
	\$ 8	3,085,947	\$	1,707,312	\$ :	3,581,907	\$	6,334,576	\$	617,371	\$ 270,000	) \$	20,597,113	\$ 5,335,125

Note: Includes all priorities

<sup>\*</sup>Dial-A-Ride capital projects fully funded through state and federal capital grants

City of Marshall, Michigan 2007/08 - 2012/13 Capital Improvement Program Proposed Financing Plan for All Priorities by Revenue Source

													Gra	ints/Trade	
	2007	-08	2	008-09	2	2009-10	2	2010-11	2	2011-12	2	2012-13	]	In/Other	Total
General Fund Revenue	\$ 90	3,730	\$	318,000	\$	432,225	\$	147,500	\$	75,000	\$	5,000	\$	3,228,875	\$ 5,110,330
MVH-Major & Local	8	2,716		260,862		244,482		261,576		248,871		250,000		-	\$ 1,348,507
G.O. Bond (GF & MVH projects combined)	65	9,815		355,750		500,000		300,000		-		-		1,724,250	\$ 3,539,815
Recreation Revenue	8	7,870		-		-		-		-		-		-	\$ 87,870
Recreation Fund - G.O. Bond		-		-		-		300,000		-		-		-	\$ 300,000
Downtown Development Auth. Revenue		5,000		5,000		5,000		5,000		5,000		5,000		-	\$ 30,000
Marshall House Replacement Reserve	6	2,000		-		-		-		-		-		-	\$ 62,000
Marshall House - G.O. Bond	79	5,000		363,500		561,200		-		-		-		-	\$ 1,719,700
Electric Revenue	23	0,500		209,200		279,000		255,500		288,500		10,000		-	\$ 1,272,700
Electric Revenue Bond	4,50	0,000		-		200,000		-		-		-		-	\$ 4,700,000
Waste Water Revenue	21	9,000		85,000		130,000		210,000		-		-		-	\$ 644,000
Waste Water Revenue Bond		-		-		-		4,600,000		-		-		-	\$ 4,600,000
Water Revenue	40	6,316		-		-		255,000		-		-		350,000	\$ 1,011,316
Water Revenue Bond		-		-		900,000		-		-		-		-	\$ 900,000
Dial-A-Ride	9	0,000		90,000		270,000		-		-		-		32,000	\$ 482,000
LDFA - G.O. Bond (amount TBD)		-		-		-		-		-		-		-	\$ -
Data Processing	2	8,000		20,000		20,000		-		-		-		-	\$ 68,000
Motor Pool	1	6,000		-		40,000		-		-		-		-	\$ 56,000
	\$ 8,08	5,947	\$	1,707,312	\$	3,581,907	\$	6,334,576	\$	617,371	\$	270,000	\$	5,335,125	\$ 25,932,238

Note: Includes all priorities

### **Priority One Project Summary**

		manda de la manda	e d	, led					
Project Description	Fundis	Manda Manda	ed Connit	2007.08	2008.05	2009.1	2010.1	2017.75	2012:13
Salt and sand barn (streets)	GF			70,000					
Tuck point main hangar & office building (airport)	GF			60,000					
Air compressor (fire)	GF			38,000					
Roof recoating of Public Works building (streets)	GF			15,000					
Master Plan for Future Land Use (Planning & Zoning)	GF			15,000					
Town Hall building repairs (town hall)	GF			12,000					
Evaluations/Rehabilitation Plan-Brooks Fountain (parks)	GF			10,000					
Handgun purchase (police)	GF			9,280					<del></del>
Park & Recreation master plan (parks)	GF			6,600					
Ketchum Park parking near Kids Kingdom (parks)	GF			4,000					
Public Safety & Town Hall Facility Design (town hall)	GF				100,000				
In-car video monitoring equipment (police)	GF					20,000	7,500	15,000	
Washington/Elm street improvements	MVH			175,000					
Bridge Replacement-Marshall Ave @ Kalamazoo River	MVH				242,500				
Bridge Replacement-Monroe St @ Rice Creek	MVH				113,250				
Park & Recreation master plan	REC			6,600					
Roof replacement	M/H			200,000					
Kitchen replacement	M/H					561,200			
FERC-Post licensing activities	ELEC	Х		20,000	7,700	17,000	14,000	41,000	
Lining the wet well-Fountain Street lift station	W/W			12,000					
Building addition for vehicles/pave drive	WATER			90,000					
Install new water service-Washington & Elm	WATER			25,000					
Document imaging	DP			8,000					
Tracking software & training	MP			10,000					
Roof recoating of Public Works building	MP			6,000					
GRAND TOTAL OF COSTS				\$ 792,480	\$ 463,450	\$ 598,200	\$ 21,500	\$ 56,000	\$ -

#### Notes:

#### Mandated:

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

#### Committed:

1. City Council / City Manager commitment

# Priority Two Project Summary

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	funds imp	cte <sup>o</sup>					
	Imp	° / .			/ ,		
	alls	708	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	29.10	, , , , , ,	, / ,	
Project Description	Fur	2007.08	2008.08	2008-10	2010.11	2011.12	2012.13
Mansion Street/North Alley parking lot reconstruction (streets)	GF	88,000					
Water service-design engineering & replacement (cemetery)	GF	72,000					
New sidewalk construction (streets)	GF	32,000	62,000	41,600			
Hart Street sidewalk replacement (streets)	GF	28,600					
Replace water pipes/install soft water system (town hall)	GF	25,000					
Paving north Ketchum Park parking lot (parks)	GF	22,000					
Community forestry grant program (streets)	GF	20,000					
City Hall building security (town hall)	GF	14,500	14,500				
Replace main town hall copy machine (clerk-treasurer)	GF	14,000					
Sidewalk ramp installation (streets)	GF	10,000	10,000	10,000	10,000		
Rehab restroom @ Airport (airport)	GF	10,000					
Replace existing landcaping (town hall)	GF	7,500					
Rehabilitate existing sign (airport)	GF	6,500					
Gutter system for Public Works building (street)	GF	6,000					
Parking lot pavement sealing (streets)	GF	5,000	5,000	5,000	5,000	5,000	5,000
Accounting software upgrade (clerk-treasurer)	GF		60,000				
Park accessibility (ADA) (parks)	GF		15,000				
Public Works building addition (streets)	GF			100,000			
Brooks Fountain rehabilitation	GF	all costs unkn	nown - depende	nt on study			
Public Safety & Town Hall facility remodel (police & fire)	GF	all costs unkn	nown - depende	nt on study			
Rice Creek and mill race dam removal (parks)	GF	no cost show	n; this project w	ill not be funde	d unless grant	dollars receive	ed
Street reconstruction	MVH	258,531	260,862	244,482	261,576	248,871	250,000
Chestnut/Clinton street improvements	MVH	215,000					
Repave Marshall Avenue	MVH	37,000					
Bridge maintenance-Marshall Ave @ Mill Race	MVH	29,000					
Replacement and new fencing, barrier gate	REC	11,320					
Replacement of athletic field lighting system	REC				300,000		
Parking lot pavement sealing (DDA/streets)	DDA	5,000	5,000	5,000	5,000	5,000	5,000

# Priority Two Project Summary

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	Funds Jings	36					
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	adis,	7.00	78,08	29,76	10,71	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	, N.A.3
Project Description	Full	2007.08	2008.09	2009.10	2010.11	2017.12	2012.13
Water infiltration remediation	M/H	595,000					
Carpet replacement	M/H	33,000					
ADA tub/shower combination & vinyl floor replacement	M/H	9,000					
Replace elevators	M/H		363,500				
Industrial Park substation	ELEC	4,500,000					
Automated load control of hydro	ELEC	40,000	40,000				
Structure repairs to hydro building	ELEC	20,000					
Upgrade engine protection system	ELEC	15,000					
Overhaul east well pump	ELEC	15,000					
Painting of outdoor electric equipment	ELEC	10,000				10,000	
Installation of circuit reclosers	ELEC	9,000	9,000				
Tachometer installation - #6 engine turbochargers	ELEC	8,500					
Replace east & west overhead fuel tanks	ELEC	5,000	5,000				
Add level alarms to engine fuel day tanks	ELEC	5,000					
Engine #3 & #6 gauge panel replacement	ELEC		80,000	80,000			
Upgrade lube oil filter systems on #2 & #5 engines	ELEC		10,000	,			
Upgrade plant #1 house power panels	ELEC		7,500	7,500	7,500	7,500	
Air compressor replacement	ELEC		,	15,000	15,000	15,000	
Upgrade lube oil heating systems on #2 & #5 engines	ELEC			15,000		7,111	
Power House roof repairs	ELEC			,	50,000		
Overhaul west well pump	ELEC				15,000		
Raceway/dam maintenance	ELEC				10,000	15,000	
Overhaul #3 engine raw water pump	ELEC					,	10.000
Chestnut/Clinton improvements	W/W	60,000					. 0,000
System and plant needs study	W/W	56,000					
Rebuild raw sewage pumps and equipment	W/W	20,000	20,000				
Valve replacement	W/W	20,000	20,000	20,000			
Ferric tank replacement	W/W	10,000	_0,000	_0,000			
Install electric gate	W/W	6,000					
Raw sludge tank mixer	W/W	0,000	25,000				
Gear box replacement	W/W		20,000	20,000			
Replace high school lift station	W/W		20,000	90,000			
Replace industrial park lift station (S Kalamazoo)	W/W			30,000	125,000		
Electrical control replacement	W/W				65,000		
Replace primary sludge pump	W/W				20,000		
irchiace primary siduge pump	VV / VV				20,000		

# Priority Two Project Summary

	Fundes Impac	ted /	,	,	,			
Project Description	Eurode II.	2007.08	2008.09	2009:10	2010.1	2011.15	2012:13	
Chestnut/Clinton improvements	WATER	50,000						
New service run-WWTP & Progressive Dynamics	WATER	35,000						
Install bypass piping at water treatment plant	WATER	30,000						
System and plant needs study	WATER	14,000						
Water tower access paving	WATER	6,500						
Water tower repainting	WATER				75,000			
Replace busses	DIAL-A-RIDE	90,000	90,000	270,000				
Microsoft Office Suite upgrade	DP	20,000						
Network server upgrade	DP		20,000	20,000				
Public Works building addition	MOTOR POOL			40,000				
GRAND TOTAL OF COSTS		\$ 6,598,951	\$ 1,142,362	\$ 983,582	\$ 954,076	\$ 306,371	\$ 270,000	

### **Priority Three Project Summary**

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		Impacted 2007.08					
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	indle	2007.08	2008.09	2003.10	2010.11	2011.12	2012:13
Project Description	( 40	1 20	/ 1/31	/ ½ <sup>0</sup>	<u>/ ½</u>	/ ½ /	<u></u>
Ketchum Park restroom near Kids Kingdom (parks)	GF	88,000					
Asphalt paving of west parking area (airport)	GF	70,000					
New playground equipment (parks)	GF	45,000					
Live fire training facility (fire)	GF	25,000					
Community needs assessment (parks)	GF	19,250					
Cemetery road paving project (cemetery)	GF	15,000	15,000	15,000	15,000	15,000	
Office construction for Airport Manager	GF	15,000					
Electric service installation at picnic pavilions (parks)	GF	8,000					
Observation deck @ Brooks Nature Area (parks)	GF	7,500					
Cemetery expansion project (cemetery)	GF	5,000					
Land acquisition for runway expansion (airport)	GF		12,500				
Park identification signs (parks)	GF		12,000				
Design engineering for runway & taxiway ext. (airport)	GF		2,000				
Welcome Center (airport)	GF			500,000			
Phase I Riverfront Park development	GF			75,000			
Boat launch at PSB (parks)	GF			50,000			
Sidewalk - new construction (streets)	GF			40,000	40,000		
Ketchum Park parking & access	GF			40,000			
Runway extension (airport)	GF			19,375			
Taxiway extension (airport)	GF			13,750			
Design engineering for future development (airport)	GF			2,500			
Riverwalk connection to Ketchum Park (parks)	GF				300,000		
Kalamazoo Riverfront parks planning (parks)	GF				40,000		
Walnut St. Riverwalk connection (parks)	GF				30,000		
Phase V Riverwalk design (parks)	GF					40,000	
Riverwalk link to Brooks Nature Area	MVH	28,000					

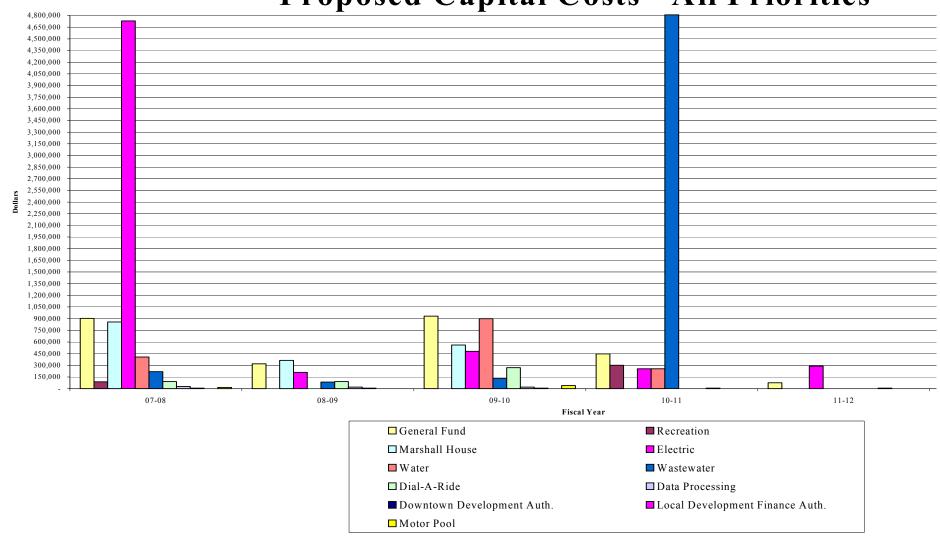
## **Priority Three Project Summary**

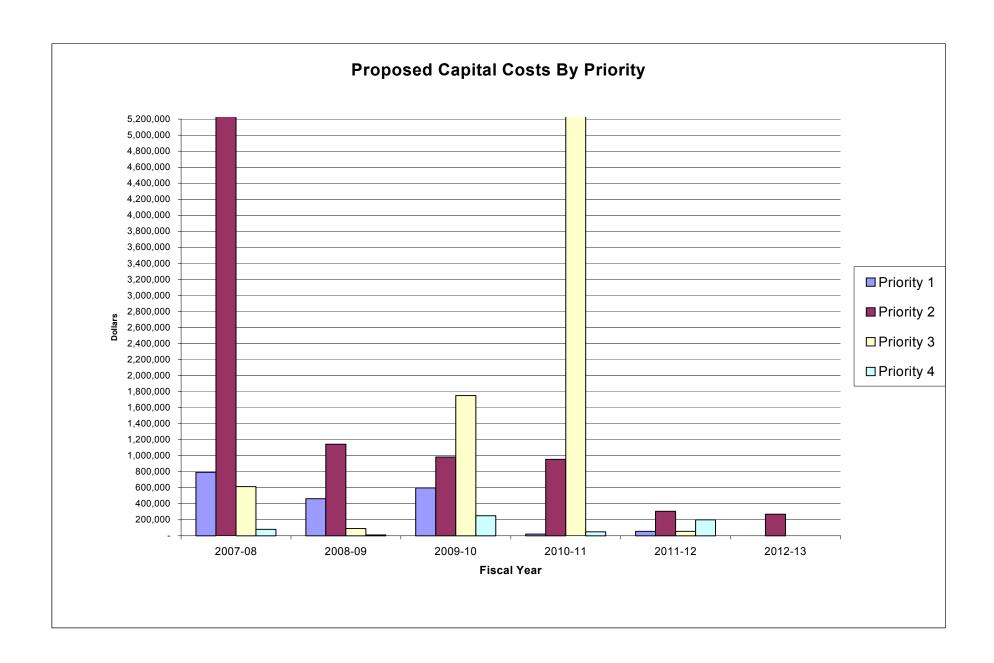
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REC	41,200					
	· · · · · ·					
REC	9,500					
ELEC	15,000					
ELEC		50,000				
ELEC			94,500			
ELEC				104,000		
W/W	15,000					
W/W				2,200,000		
W/W				1,500,000		
W/W				900,000		
WATER	96,816					
WATER	59,000					
WATER			900,000			
WATER				60,000		
WATER				100,000		
WATER				20,000		
DIAL-A-RIDE	32,000					
LDFA	costs unkno	wn				
	\$ 613,516	\$ 91,500	\$ 1,750,125	\$ 5,309,000	\$ 55,000	\$ -
	REC REC REC ELEC ELEC ELEC W/W W/W W/W W/W W/W WATER WATER WATER WATER WATER WATER WATER DIAL-A-RIDE	REC 41,200 REC 19,250 REC 9,500 ELEC 15,000 ELEC ELEC ELEC UW/W 15,000 W/W W/W W/W W/W W/W W/W W/W W/W WATER 96,816 WATER 96,816 WATER WATER WATER WATER WATER WATER WATER WATER UDIAL-A-RIDE 32,000 LDFA costs unkno	REC 41,200  REC 19,250  REC 9,500  ELEC 15,000  ELEC 50,000  ELEC  50,000  W/W 15,000  W/W W/W W/W W/W W/W W/W W/W W/W W/W W/	REC 41,200  REC 19,250  REC 9,500  ELEC 15,000  ELEC 50,000  ELEC 94,500  ELEC 94,500  ELEC 94,500  ELEC 94,500  W/W 15,000  W/W 15,000  W/W W/W W/W W/W W/W W/W W/W W/W W/W W/	REC 41,200 REC 19,250 REC 9,500 ELEC 15,000 ELEC 50,000 ELEC 94,500 ELEC 94,500 ELEC 104,000 W/W 15,000 W/W 2,200,000 W/W 2,200,000 W/W 900,000 WATER 96,816 WATER 96,816 WATER 99,000 WATER 900,000 WATER 900,000 WATER 900,000 WATER 100,000 WATER 20,000 WATER 20,000 DIAL-A-RIDE 32,000 LDFA costs unknown	REC 41,200  REC 19,250  REC 9,500  ELEC 50,000  ELEC 94,500  ELEC 94,500  ELEC 94,500  ELEC 15,000  W/W 15,000  W/W 2,200,000  W/W 2,200,000  W/W 900,000  WATER 96,816  WATER 96,816  WATER 900,000  WATER 900,000

# Priority Four Project Summary

	Funde Inte	cted	,					
Project Description	Fund(s).	2007.08	2008.09	2009-10	2010-11	2011.12	2012:13	
Sherman Court pond nature trail (parks)	GF	5,000	10,000					
Update phone system	MH	20,000						
Update phone system	ELEC	68,000						
Retrofit breakers in Plant #1 switchgear	ELEC			50,000	50,000			
Upgrade transformer in south substation	ELEC					200,000		
Remove 2400 volt switch gear and rewind hydros	ELEC			200,000				
Update phone system	W/W	20,000						
GRAND TOTAL OF COSTS		\$ 113,000	\$ 10,000	\$ 250,000	\$ 50,000	\$ 200,000	\$ -	

# **Proposed Capital Costs - All Priorities**





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

Fiscal Year												
Ending		General					ldg. Auth.					
June 30		Fund	MVH	DDA*	LDFA	(Ms	hl. House)	Electric**	Wastewater	Water	Total	Benchmark
2007		40,948	165,955	147,808	172,546		223,410	374,835	319,095	512,670	1,957,267	
2008		39,518	172,147	51,883	171,671		214,060	373,823	322,030	520,191	1,865,323	
2009		42,946	163,035	56,043	170,796		199,680	374,154	325,361	464,310	1,796,325	
2010		41,196	146,160	54,993	169,921			342,858	323,167	456,558	1,534,853	
2011		15,128	145,923	58,943	168,983			307,815	239,650	454,581	1,391,023	
2012		14,753	145,375	57,653	168,046			304,075	243,313	455,409	1,388,624	
2013		19,365	144,478	61,333	128,230			304,850	246,513	455,570	1,360,339	
2014		18,765	143,220	64,758	130,030			304,318	243,863	449,685	1,354,639	
2015		18,165		62,918	126,715			304,399	241,000	458,348	1,211,545	
2016		17,550		66,038	123,400			308,040	242,925	454,668	1,212,621	
2017		16,935		68,878	125,085			378,210	244,425	300,425	1,133,958	
2018		16,320		71,428	121,575			388,890	241,025	286,545	1,125,783	
2019		15,660		73,678	117,795			398,460	232,425	272,575	1,110,593	
2020				75,678	114,015			129,780	218,610	38,605	576,688	
2021				77,395	115,235					37,285	229,915	
2022				78,825	111,245					40,875	230,945	
2023					107,255					49,230		
2024					103,170					47,115		
2025					99,085							
	\$	317,249	\$ 1,226,292	\$ 1,128,252 \$	2,544,798	\$	637,150 \$	4,594,509	\$ 3,683,402 \$	5,754,645 \$	19,480,442	- -
Percent Amoritized	i											
within ten years		84.58%	100.00%	60.48%	60.14%		100.00%	71.81%	74.58%	81.36%	77.37%	>=50%

<sup>\*</sup>Does not include parking structure lease payments or Stanton lease payments
\*\*Does not include any portion of MSCPA debt owed by Marshall



