

**CAPITAL  
IMPROVEMENT  
PLAN**

**2015 – 2019**

**CITY OF MANITOWOC  
CAPITAL IMPROVEMENT PLAN  
2015 – 2019**

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January 26, 2016

Honorable Mayor Justin M. Nickels  
Manitowoc Common Council

Submitted herewith is the Capital Improvement Plan for the years 2015-2019.

The plan includes detail of all requested capital expenditures and a prioritized listing of the 2016 capital expenditures as prioritized by the Capital Allocation Working Group (CAWG) and amended by the Mayor and Common Council. The CAWG is an internal group of department heads and managers charged with prioritizing projects in an effort to align them with available funding. Also included is a breakdown of the sources to provide funding for these expenditures.

Some of the major projects included in the governmental fund's plan are:

1. Marina Deck Repairs and Dock Replacements
2. Police and Fire Hand Held Radios
3. Sidewalk Replacement Project
4. Lincoln Park and the Zoo Improvements
5. Buildings and Grounds Repairs and Improvements
6. Departmental Machinery/Equipment Replacement

Governmental fund expenditures recommended in the Five-Year Plan total \$28,188,098. These costs reflect the City's local share. Uses by project type from 2015-2019 are as follows:

Street Improvements	\$8,713,179
Storm Sewer Improvements	1,023,250
Stormwater Management Prgm	765,000
Tax Incremental Financing	2,857,750
Harbors and Docks	2,096,460
Environmental Remediation	5,063,483
Buildings and Grounds	3,108,300
Machinery and Equipment	<u>4,560,676</u>
	<u>\$28,188,098</u>

To fully fund the requests from departments would require the city to borrow at a level that is unrealistic to meet our overall financial plan. The city's financial plan calls for a reduction in the annual borrowing amount over a 5 year period to produce a lower annual debt service amount. The city will then redirect the available amount from debt service to the operational portion of the city's budget to create a pay as you go approach to financing a portion of the city's annual capital needs. Based upon current projections the length of the transition period will be approximately 3 more years from 2015-2019. During the transition period the city will limit its annual borrowing to \$2.5 million or less to allow redirecting tax levy from the projected decreasing debt service levy. This transition will allow for funding of capital items from the city's annual operational budget in future years.

The plan provides various sources of allowable funding for the proposed governmental fund expenditures. A breakdown of these sources is below:

Tax Levy/Capital Projects Fund	\$6,779,062
Bond Proceeds	15,357,750
Other Income	<u>1,973,483</u>
	<u>\$24,110,295</u>

This reduced funding level will require the CAWG to prioritize and delay requested projects over the 5 year period in the amount of \$4,077,803. The city plans to vigorously attack this delayed list of projects after the transition from borrowing to the pay as you go concept as quickly as possible. Another duty of the CAWG will be to assess and recommend an annual level of funding which will be based upon a review of asset types, condition and remaining useful lives to adequately maintain the city's assets. To date, the amount of spending has been based upon the city's ability to borrow and not based upon the review of assets and their respective useful lives.

In addition to the governmental funds, the plan includes anticipated projects in the City's proprietary funds. The following projects are included:

Wastewater Facility Equipment	\$6,230,100
Sanitary Sewer Replacement	\$6,691,500
Transit System	<u>\$1,824,000</u>
	<u>\$13,266,400</u>

Funding for projects in the proprietary funds is below:

Other Income	\$12,921,600
Bond Proceeds	<u>344,800</u>
	<u>\$13,266,400</u>

In summary, the 2015-2019 Capital Improvement Plan provides the City with a clear vision of known capital needs and a means to finance them. This will serve to assist the City in prioritizing these needs along with future projects as they arise.

The cooperation of all City Departments involved in the preparation of this document is appreciated.

Respectfully submitted,



Steve Corbeille  
Finance Director/Treasurer

# CITY OF MANITOWOC, WISCONSIN

## List of Principal Officials

2015

**Mayor** Justin M. Nickels

### **Common Council**

President Eric J. Sitkiewitz

### **Aldermanic District**

1	Mike Howe
2	Scott R. McMeans
3	Christopher T. Able
4	James N. Brey
5	Patrick Brandel
6	Eric J. Sitkiewitz
7	Jill C. Hennessey
8	David W. Soeldner
9	Allan W. Schema
10	Jason J. Sladky

### **Department Heads**

Finance Director/Treasurer	Steve Corbeille
City Attorney	Kathleen M. McDaniel
Human Resources Director	Rochelle Blindauer
Municipal Judge	Steven R. Olson
Director Public Infrastructure	Daniel Koski
Police Chief	Oscar A. Dick
Fire Chief	Todd Blaser
Community Development Director	Nicolas Sparacio
Superintendent Wastewater Treatment Plant	Brian M. Helminger
Director Rahr-West Museum	Jon G. Vadney
General Manager Public Utilities	Nilaksh J. Kothari
Director Public Library	Cherilyn C. Stewart

**CITY OF MANITOWOC, WISCONSIN**  
Notes to Basic Financial Statements  
December 31, 2014

Capital Assets

Capital asset activity for the year ended December 31, 2014 was as follows:

	Beginning Balance	Increases	Decreases	Ending Balance
<b>Governmental activities:</b>				
Capital assets, not being depreciated:				
Land	\$ 7,541,918	\$ 46,100	\$ 393,000	\$ 7,195,018
Construction in progress	19,000	319,040	-	338,040
Total capital assets, not being depreciated	<u>7,560,918</u>	<u>365,140</u>	<u>393,000</u>	<u>7,533,058</u>
Capital assets, being depreciated:				
Buildings	28,870,150	-	72,587	28,797,563
Machinery and equipment	24,704,413	1,353,340	339,615	25,718,138
Infrastructure	185,586,409	1,970,291	18,113,107	169,443,593
Subtotals	<u>239,160,972</u>	<u>3,323,631</u>	<u>18,525,309</u>	<u>223,959,294</u>
Less accumulated depreciation for:				
Buildings	10,169,012	1,131,002	66,569	11,233,445
Machinery and equipment	12,947,792	1,310,725	260,413	13,998,104
Infrastructure	89,359,273	3,073,721	18,113,107	74,319,887
Subtotals	<u>112,476,077</u>	<u>5,515,448</u>	<u>18,440,089</u>	<u>99,551,436</u>
Total capital assets, being depreciated, net	<u>126,684,895</u>	<u>(2,191,817)</u>	<u>85,220</u>	<u>124,407,858</u>
Governmental activities capital assets, net	<u>\$ 134,245,813</u>	<u>\$ (1,826,677)</u>	<u>\$ 478,220</u>	<u>131,940,916</u>
Less related long-term debt outstanding and unamortized premium				<u>45,755,406</u>
Net investment in capital assets				<u>\$ 86,185,510</u>
<b>Business-type activities:</b>				
Capital assets, not being depreciated:				
Land	\$ 2,023,040	\$ 2	\$ -	\$ 2,023,042
Construction in progress	312,622	690,304	180,997	821,929
Total capital assets, not being depreciated	<u>2,335,662</u>	<u>690,306</u>	<u>180,997</u>	<u>2,844,971</u>
Capital assets, being depreciated:				
Buildings	57,321,191	1	-	57,321,192
Improvements other than buildings	90,689,455	1,577,427	457,764	91,809,118
Machinery and equipment	135,863,816	542,225	526,512	135,879,529
Subtotals	<u>283,874,462</u>	<u>2,119,653</u>	<u>984,276</u>	<u>285,009,839</u>
Less accumulated depreciation for:				
Buildings	26,373,030	1,407,598	-	27,780,628
Improvements other than buildings	35,422,153	2,364,308	455,639	37,330,822
Machinery and equipment	54,739,424	5,239,628	178,053	59,800,999
Subtotals	<u>116,534,607</u>	<u>9,011,534</u>	<u>633,692</u>	<u>124,912,449</u>
Total capital assets, being depreciated, net	<u>167,339,855</u>	<u>(6,891,881)</u>	<u>350,584</u>	<u>160,097,390</u>
Business-type activities capital assets, net	<u>\$ 169,675,517</u>	<u>\$ (6,201,575)</u>	<u>\$ 531,581</u>	<u>162,942,361</u>
Less related long-term debt outstanding, unamortized premium and deferred inflows and outflows				<u>28,982,857</u>
Net investment in capital assets				<u>\$ 133,959,504</u>

***SUMMARY OF PROJECTS  
GOVERNMENTAL FUNDS***

**\* \* \* \* \***

***2015 – 2019***

CITY OF MANITOWOC  
FIVE-YEAR  
CAPITAL IMPROVEMENT PLAN  
SUMMARY OF PROJECTS  
GOVERNMENTAL FUNDS

ANALYSIS OF FUNDS

	2015 ACTUAL	2016 REQUESTED	2016 DEFUNDED	2016 BUDGET	2017	2018	2019	TOTAL
ESTIMATED BEGINNING FUND BALANCE	\$1,779,062			\$1,779,062	\$1,779,062	\$1,779,062	\$1,779,062	
FUNDING SOURCES								
BOND PROCEEDS/LEVY	\$2,497,515			\$7,275,750	\$6,622,850	\$4,405,500	\$5,413,000	\$26,214,615
OTHER FINANCING SOURCE	\$356,483			\$1,617,000	\$0	\$0	\$0	\$1,973,483
TOTAL AVAILABLE FUNDS	\$4,633,060			\$10,671,812	\$8,401,912	\$6,184,562	\$7,192,062	\$28,188,098
USES BY PROJECT TYPE								
STREET IMPROVEMENTS	\$729,979	\$1,947,125	\$1,061,125	\$886,000	\$2,439,450	\$1,994,500	\$2,663,250	\$8,713,179
STORM SEWER IMPROVEMENTS	\$50,000	\$115,000	\$115,000	\$0	\$291,500	\$419,000	\$262,750	\$1,023,250
STORMWATER MANAGEMENT PGM	\$25,000	\$115,000	\$100,000	\$15,000	\$175,000	\$25,000	\$525,000	\$765,000
TAX INCREMENT FINANCING	\$0	\$2,857,750	\$0	\$2,857,750	\$0	\$0	\$0	\$2,857,750
HARBORS AND DOCKS	\$459,668	\$828,260	\$460,668	\$367,592	\$469,200	\$550,000	\$250,000	\$2,096,460
ENVIRONMENTAL REMEDIATION	\$258,483	\$3,655,000	\$0	\$3,655,000	\$500,000	\$500,000	\$150,000	\$5,063,483
BUILDINGS AND GROUNDS	\$389,300	\$804,300	\$709,300	\$95,000	\$1,494,000	\$245,000	\$885,000	\$3,108,300
MACHINERY AND EQUIPMENT	\$941,568	\$2,016,768	\$1,000,360	\$1,016,408	\$1,253,700	\$672,000	\$677,000	\$4,560,676
TOTAL USES BY TYPE	\$2,853,998	\$12,339,203	\$3,446,453	\$8,892,750	\$6,622,850	\$4,405,500	\$5,413,000	\$28,188,098
ESTIMATED ENDING FUND BALANCE	\$1,779,062			\$1,779,062	\$1,779,062	\$1,779,062	\$1,779,062	

NOTE: Estimated Beginning Fund Balance reflects Capital Project Fund reserves only.  
Costs reflect local share.

## 2016 Capital Allocation Recommendation

From Workgroup Authorized by Resolution 13-086 approved March 4, 2013  
 Voting Members: D Koski, T Dick, T Blaser, J Muenzenmeyer, G Vadney, C Scheinoha & S Corbeille

		REQUESTS	OTHER FUNDING	% OF other funding	NET REQUEST
DPI	Concrete - Fessler Dr TIF 17	\$138,000	138,000	100%	\$0
DPI	Sanitary - Lawton Terrance LS replace w/Gravity Sewer	\$450,000	450,000	100%	\$0
DPI	Sanitary - Sewer Flow Monitoring Study	\$30,000	30,000	100%	\$0
DPI	Sanitary - Sewer Re-Lining	\$350,000	350,000	100%	\$0
DPI	Sanitary - Sewer Spot Relays	\$75,000	75,000	100%	\$0
DPI	Lift Bridges - Controls - 8th & 10th - Design	\$90,000	90,000	100%	\$0
DPI	Lift Bridges - 10th St - Painting - Design	\$90,000	90,000	100%	\$0
Police	Squad Computer Replacement (5)	\$30,635	-	0%	\$30,635
DPI	Transit - (4) Buses	\$1,520,000	1,216,000	80%	\$304,000
DPI	B & G - Marina Dock Replacement Design Services	\$126,000	93,668	74%	\$32,332
DPI	Parks - (2) Ztrak Riders	\$23,600	11,800	50%	\$11,800
DPI	Streets - #197/#198 (2) Arrow Board Trailers	\$12,000	-	0%	\$12,000
Police	Portable Hand Held Radio & Frequency Upgrade (62)	\$412,695	167,358	41%	\$245,337
Fire	Portable Hand Held Radio & Frequency Upgrade (21) port (10)	\$193,000	81,394	42%	\$111,606
DPI	Stormwater - Study for MS4 DNR Permit	\$15,000	-	0%	\$15,000
DPI	Parks - Comprehensive Outdoor Parks Plan	\$35,000	-	0%	\$35,000
DPI	B & G - Rahr-West Siding / Architectural Detail Repair	\$24,000	-	0%	\$24,000
Police	Panasonic Arbitrator Squad Car Video Cameras (4)	\$25,736	-	0%	\$25,736
DPI	Traffic Signals - Conflict Monitors	\$11,500	-	0%	\$11,500
DPI	Streets - #90 replace 1998 Front End loader w/plow	\$20,000	-	0%	\$20,000
Police	Electronic Control Device Replacement (Taser) (32)	\$42,902	-	0%	\$42,902
DPI	Pavement Markings - Annual Program	\$90,000	-	0%	\$90,000
DPI	Bridge - Broadway St Expansion Joint	\$25,000	-	0%	\$25,000
DPI	Bridge - 8th/CTH B Deck Repair	\$25,000	-	0%	\$25,000
DPI	Streets - #32/#34 (2) One Ton Dump Beds	\$13,000	-	0%	\$13,000
DPI	Parks - Playground Equipment	\$20,000	-	0%	\$20,000
DPI	B & G - Marina Dock E Replacement	\$702,260	367,000	52%	\$335,260
DPI	Asphalt - Alley Lincoln/8th/Pine/Waldo	\$46,000	-	0%	\$46,000
DPI	Sidewalk - Annual Program - R&R	\$121,000	-	0%	\$121,000
DPI	B & G - PD Enlarge Main Overhead Door	\$16,000	-	0%	\$16,000
DPI	Parks - 3/4 Ton Pickup Truck w/ tommy lift	\$32,000	-	0%	\$32,000
DPI	B & G - Aquatic Center Pool Caulking	\$16,000	-	0%	\$16,000
DPI	Bridge - Mill Road	\$15,000	-	0%	\$15,000
DPI	Asphalt - Patch/Slurry/Stripe Marina Parking Lot	\$125,000	-	0%	\$125,000
Fire	Command Vehicle to replace 4x4 2008 ford ranger	\$35,000	-	0%	\$35,000
DPI	Concrete - N 6th St (Storm \$10K) (Sanitary \$70K)	\$212,500	-	0%	\$212,500
DPI	B & G - LP Fieldhouse Roof Patch	\$4,000	-	0%	\$4,000
DPI	Asphalt - Spring St	\$63,250	-	0%	\$63,250
DPI	Concrete - Slab Replacements	\$75,000	-	0%	\$75,000
DPI	Asphalt - Alley 19th/20th/Michigan/Prospect	\$76,750	-	0%	\$76,750
DPI	Parks - Refuse Truck	\$130,000	-	0%	\$130,000
	End of Life				\$102,392
	Annual Capital Borrowing	\$5,557,828	3,160,220		\$2,500,000

DPI	Concrete - Dewey St	\$2,719,750	1,240,000	46%	1,479,750
Planning	Mirro Bldg Razing	\$2,400,000			2,400,000
DPI	Gravel Pit - Hecker Road	\$1,200,000		0%	1,200,000
	Additional Borrowing	\$6,319,750	1,240,000		5,079,750

Total Recommended Borrowing for 2016 Budget

\$7,579,750

		REQUESTS	OTHER FUNDING	% OF other funding	NET REQUEST
DPI	Parks -Brush Chipper	\$35,000	-	0%	\$35,000
DPI	B & G - Rahr-West Boiler Replacement	\$75,000	-	0%	\$75,000
Fire	Zodiac Boat	\$14,000	-	0%	\$14,000
DPI	Traffic Signals - LED replacement	\$18,000	-	0%	\$18,000
DPI	Asphalt - Annual Railroad Crossing Repairs	\$12,500	-	0%	\$12,500
DPI	Streets - #211 1988 Landa 3000 Pressure Washer	\$13,000	500	4%	\$12,500
DPI	Storm - Sewer Mini sewers	\$30,000	-	0%	\$30,000
	End of Life	\$197,500	\$500		\$197,000

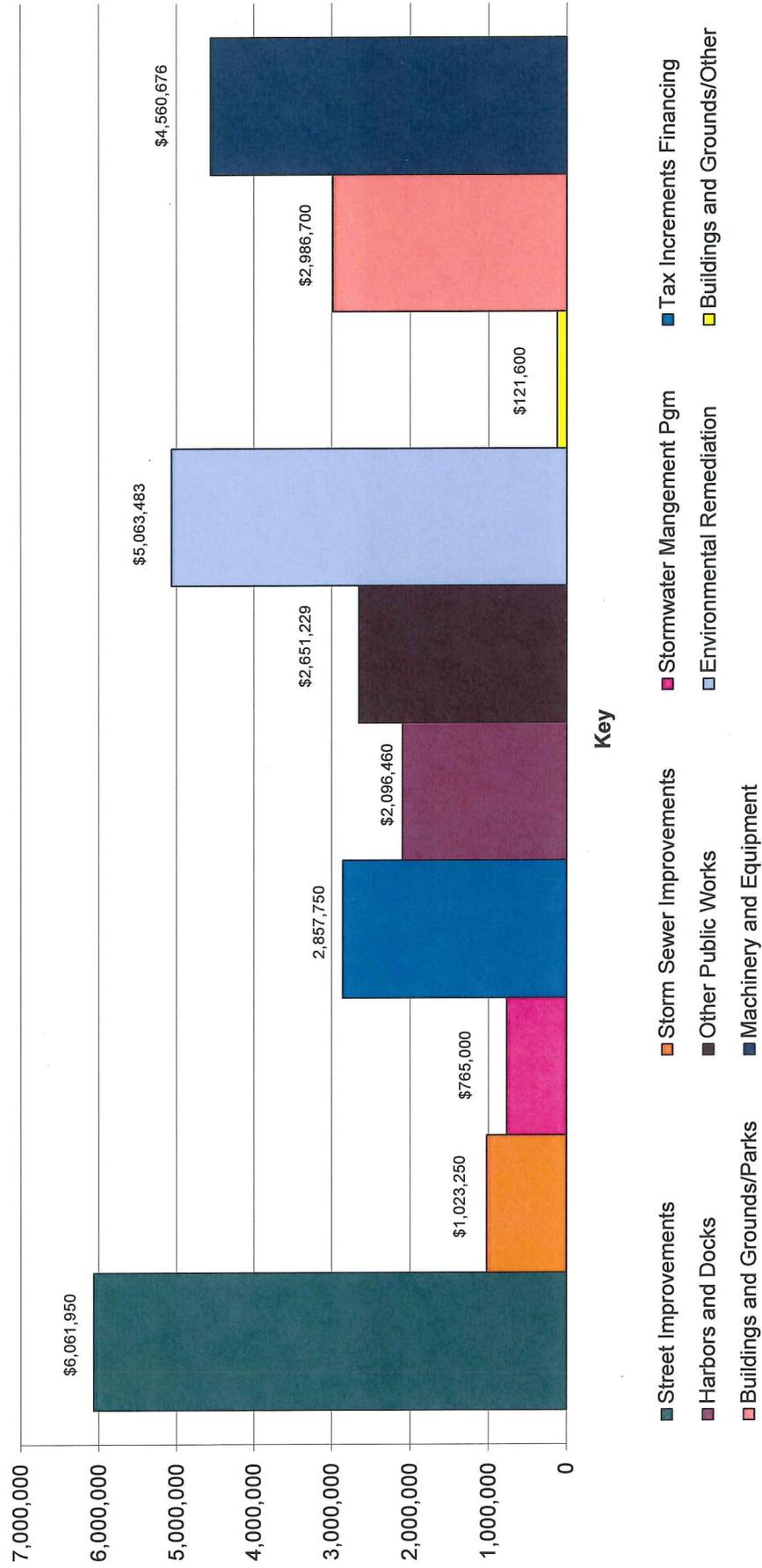
DPI	Parks - 4 sets of Bleachers	\$10,500	-	0%	\$10,500
DPI	B & G - Silver Creek Fieldhouse Windows	\$14,000	-	0%	\$14,000
DPI	Storm - Sewer Repairs/Relays	\$75,000	-	0%	\$75,000
DPI	B & G - Zoo Bear & Cat Roof Replacement	\$42,000	17,500	42%	\$24,500
DPI	Parks - Washington Park Electrical Panel	\$6,000	-	0%	\$6,000
DPI	Parks - Lower Schuette Culvert Repair	\$3,840	-	0%	\$3,840
	Department Budget	\$151,340	17,500		\$133,840

DPI	Parks - Ball Diamond Light Fixture Hardware Replace	\$17,500	17,500	100%	\$0
	Fund Balance from Special Revenue balldiam-dontb	\$17,500	17,500		\$0

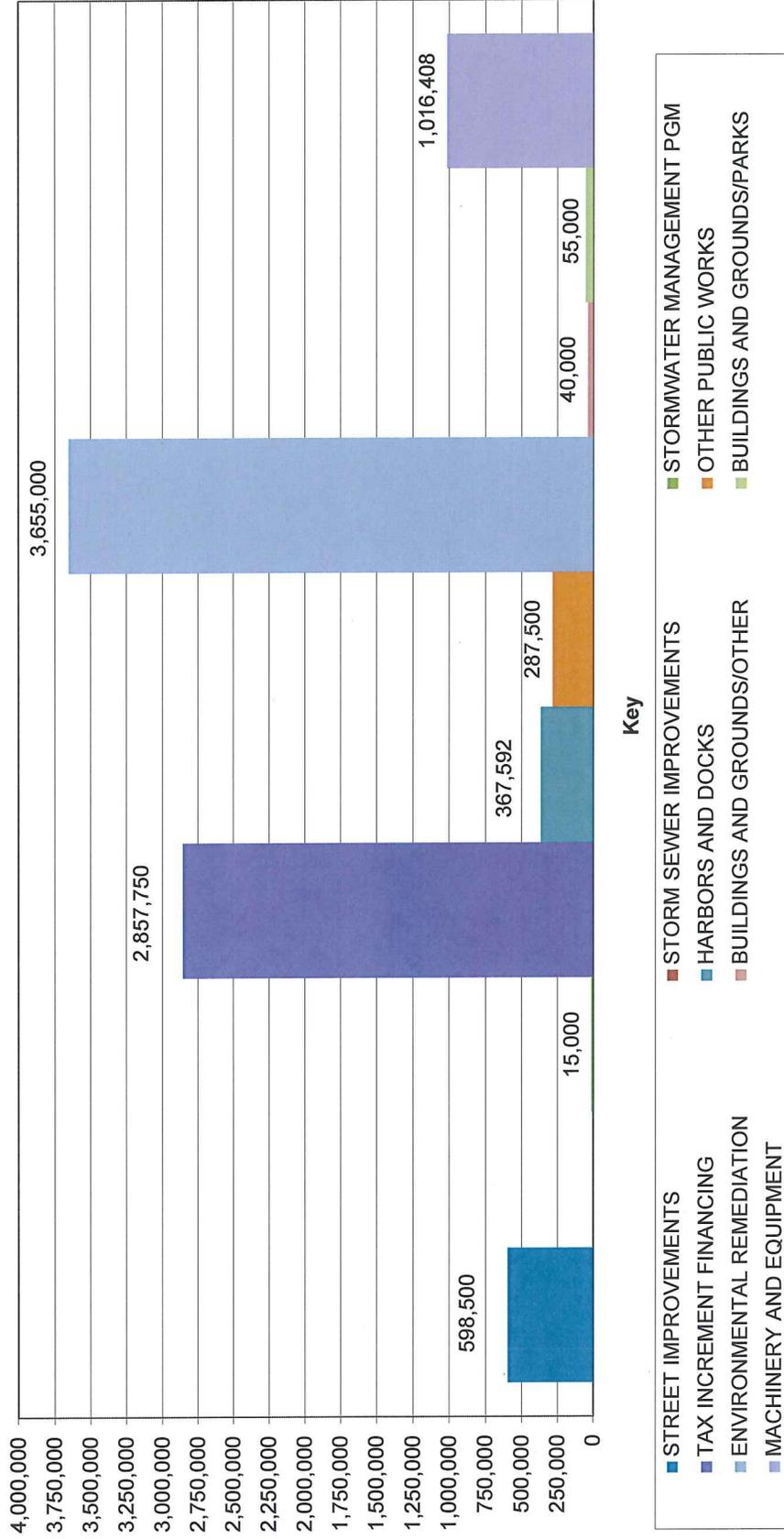
Items deferred

Fire	CAD Technology System	\$130,000	-	0%	\$130,000
Fire	Power Lift Assist Cots (7)	\$125,400	-	0%	\$125,400
DPI	Concrete - S 35th St	\$120,750	-	0%	\$120,750
DPI	Concrete - Zoo at Reed Ave Pathway to Ed bldg	\$60,000	-	0%	\$60,000
DPI	Asphalt - Edgewood Ln	\$103,500	-	0%	\$103,500
DPI	Asphalt - Alley 7th/8th/Reed/Magnolia (storm \$23K)	\$80,500	-	0%	\$80,500
DPI	Stormwater - Blue Rail Beach Realignment	\$100,000	-	0%	\$100,000
DPI	Traffic Signals - Failed Loop Detectors Southwest Corridor	\$30,000	-	0%	\$30,000
DPI	Bridge - Revere Dr Deck Sealing	\$30,275	-	0%	\$30,275
DPI	Bridge - Broadway St Deck Sealing	\$41,800	-	0%	\$41,800
DPI	Bridge - 21st Viaduct Deck Sealing	\$31,800	-	0%	\$31,800
DPI	Bridge - Maritime Dr Deck Sealing	\$17,000	-	0%	\$17,000
DPI	B & G - Zoo Security Camera Replacement	\$15,000	-	0%	\$15,000
DPI	B & G - Zoo Storage Building	\$26,600	-	0%	\$26,600
DPI	Asphalt - Rheame Park Parking Lot	\$87,500	-	0%	\$87,500
DPI	Parks - CP (3) Tennis Courts (2) Basketball Courts	\$83,300	-	0%	\$83,300
DPI	Concrete - Parks Shop at Fleetwood Entrance	\$60,000	-	0%	\$60,000
DPI	Sidewalk - Annual Program - New	\$67,500	-	0%	\$67,500
DPI	Parks - Silver Creek Park Cabin	\$340,000	-	0%	\$340,000
Fire	Fitness Equipment	\$7,500	-	0%	\$7,500
DPI	Concrete - Memorial @ Lilac Dr - Islands	\$115,000	50,000	43%	\$65,000
DPI	Parks - Camp Vits - Rural Restrooms	\$50,000	25,000	50%	\$25,000
DPI	Parks - Trackless	\$135,000	-	0%	\$135,000
DPI	Parks - 30 Benches	\$6,900	-	0%	\$6,900
DPI	Fleet Vehicle - City Hall Motor Pool Vehicle	\$23,000	500	2%	\$22,500
DPI	Asphalt - Patch/Seal/Stripe Municipal Field Parking Lot	\$25,000	-	0%	\$25,000
DPI	Fleet - #914 (Assessor) replace 2000 Ford Escort	\$20,000	700	4%	\$19,300
		\$1,933,325	76,200		\$1,857,125

# Governmental Funds USES BY PROJECT TYPE 2015 - 2019



# Governmental Funds USES BY PROJECT TYPE 2016



CITY OF MANITOWOC  
FIVE-YEAR  
CAPITAL IMPROVEMENT PLAN  
STREET IMPROVEMENTS

RESOURCE/COST ANALYSIS

	2015 ACTUAL	2016 REQUESTED	2016 DEFUNDED	2016 BUDGET	2017	2018	2019	TOTAL
ESTIMATED BEGINNING FUND BALANCE	(\$31,402)			(\$31,402)	(\$31,402)	(\$31,402)	(\$31,402)	
FUNDING SOURCES								
BOND PROCEEDS	\$418,250			\$598,500	\$1,205,450	\$1,585,500	\$2,254,250	\$6,061,950
OTHER FINANCING SOURCE								\$0
TOTAL AVAILABLE FUNDS	\$386,848	\$0		\$567,098	\$1,174,048	\$1,554,098	\$2,222,848	\$6,061,950
USES BY PROJECT								
ANNUAL PAVING PROGRAM	\$293,250	\$765,750	\$478,250	\$287,500	\$693,700	\$1,037,750	\$1,039,250	\$3,351,450
ANNUAL RESURFACING PROGRAM	\$0	\$620,000	\$309,000	\$311,000	\$211,750	\$254,500	\$715,000	\$1,492,250
D.O.T. 6-YEAR PROGRAM								\$0
* WALDO BLVD:MEMORIAL-RAPIDS	\$125,000							\$125,000
1. ENGINEERING								\$0
2. CONSTRUCTION							\$500,000	\$500,000
* CALUMET AVE/USH 151								\$0
1. ENGINEERING								\$0
2. CONSTRUCTION								\$0
CITY ARTERIAL/COLLECTION								\$0
* DEWEY ST: S. 26TH-S. 39TH								\$0
* DEWEY ST: S. 10TH-S. 26TH								\$0
* MARSHALL ST: S. 8TH-S. 10TH								\$0
* S. 10TH ST: DEWEY - VIEBAHN					\$300,000			\$300,000
* S. 30TH ST: YORKSHIRE-DEWEY						\$293,250		\$293,250
* VIEBAHN ST: RR XING - CTY TRK CR								\$0
TOTAL PROJECTS	\$418,250	\$1,385,750	\$787,250	\$598,500	\$1,205,450	\$1,585,500	\$2,254,250	\$6,061,950
ESTIMATED ENDING FUND BALANCE	(\$31,402)			(\$31,402)	(\$31,402)	(\$31,402)	(\$31,402)	

NOTE: Estimated Beginning Fund Balance reflects Capital Project Fund reserves only.  
Costs reflect local share.

CITY OF MANITOWOC  
FIVE-YEAR  
CAPITAL IMPROVEMENT PLAN  
OTHER PUBLIC WORKS

RESOURCE/COST ANALYSIS

	2015 ACTUAL	2016 REQUESTED	2016 DEFUNDED	2016 BUDGET	2017	2018	2019	TOTAL
ESTIMATED BEGINNING FUND BALANCE	\$59,696			\$59,696	\$59,696	\$59,696	\$59,696	
FUNDING SOURCES								
BOND PROCEEDS	\$311,729			\$287,500	\$1,234,000	\$409,000	\$409,000	\$2,651,229
OTHER FINANCING SOURCE	\$0							\$0
TOTAL AVAILABLE FUNDS	\$371,425			\$347,196	\$1,293,696	\$468,696	\$468,696	
USES BY PROJECT								
TRAFFIC SIGNAL UPGRADES		\$72,000	\$60,500	\$11,500				\$11,500
BRIDGE REPAIRS/SEALING		\$185,875	\$120,875	\$65,000				\$65,000
10TH STREET BRIDGE - REPAINT					\$600,000			\$600,000
LIFT BRIDGES SOFTWARE UPGRADE					\$225,000			
SRTS NEW SIDEWALK PROGRAM								\$0
ANNUAL LAND ACQUISITIONS								\$0
RR CROSSING REPAIRS					\$11,500	\$11,500	\$11,500	\$34,500
ANNUAL SIDEWALK - NEW		\$67,500	\$67,500		\$115,000	\$115,000	\$115,000	\$345,000
ANNUAL SIDEWALK - REPLACE	\$100,000	\$121,000		\$121,000	\$150,000	\$150,000	\$150,000	\$671,000
SIDEWALK - DOWNTOWN (YORK ST)								\$0
ANNUAL PAVEMENT MARKING	\$115,000	\$115,000	\$25,000	\$90,000	\$115,000	\$115,000	\$115,000	\$550,000
ANNUAL CURB & GUTTER	\$11,500				\$17,500	\$17,500	\$17,500	\$64,000
AERIALS	\$85,229							\$85,229
TOTAL PROJECTS	\$311,729	\$561,375	\$273,875	\$287,500	\$1,234,000	\$409,000	\$409,000	\$2,651,229
ESTIMATED ENDING FUND BALANCE	\$59,696			\$59,696	\$59,696	\$59,696	\$59,696	

NOTE: Estimated Beginning Fund Balance reflects Capital Project Fund reserves only.  
Costs reflect local share.

CITY OF MANITOWOC  
 FIVE-YEAR  
 CAPITAL IMPROVEMENT PLAN  
 STORM SEWER IMPROVEMENTS

RESOURCE/COST ANALYSIS

	2015 ACTUAL	2016 REQUESTED	2016 DEFUNDED	2016 BUDGET	2017	2018	2019	TOTAL
ESTIMATED BEGINNING FUND BALANCE	\$15,173			\$15,173	\$15,173	\$15,173	\$15,173	
FUNDING SOURCES								
BOND PROCEEDS	\$50,000				\$291,500	\$419,000	\$262,750	\$1,023,250
OTHER FINANCING SOURCE								\$1,023,250
TOTAL AVAILABLE FUNDS	\$65,173			\$15,173	\$306,673	\$434,173	\$277,923	
USES BY PROJECT								
ANNUAL STORM SEWER PROGRAM	\$50,000	\$115,000	\$115,000		\$291,500	\$419,000	\$262,750	\$1,023,250
TOTAL PROJECTS	\$50,000	\$115,000	\$115,000	\$0	\$291,500	\$419,000	\$262,750	\$1,023,250
ESTIMATED ENDING FUND BALANCE	\$15,173			\$15,173	\$15,173	\$15,173	\$15,173	

NOTE: Estimated Beginning Fund Balance reflects Capital Project Fund reserves only.  
 Costs reflect local share.

CITY OF MANITOWOC  
FIVE-YEAR  
CAPITAL IMPROVEMENT PLAN  
STORMWATER MANAGEMENT PROGRAM

RESOURCE/COST ANALYSIS

	2015 ACTUAL	2016 REQUESTED	2016 DEFUNDED	2016 BUDGET	2017	2018	2019	TOTAL
ESTIMATED BEGINNING FUND BALANCE	\$11,710			\$11,710	\$11,710	\$11,710	\$11,710	
FUNDING SOURCES								
BOND PROCEEDS	\$25,000			\$15,000	\$175,000	\$25,000	\$525,000	\$765,000
OTHER FINANCING SOURCE								\$0
TOTAL AVAILABLE FUNDS	\$36,710			\$26,710	\$186,710	\$36,710	\$536,710	\$765,000
USES BY PROJECT								
MANAGEMENT PLAN	\$25,000	\$15,000		\$15,000	\$25,000	\$25,000	\$25,000	\$115,000
QUALITY PLAN					\$150,000			\$150,000
FLOOD CONTROL								\$0
* N. 11TH & WALDO-WILSON BOWL								\$0
STORMWATER RELATED LOCATIONS		\$100,000	\$100,000					\$0
POLLUTION PREVENTION								\$0
POND DESIGN/CONSTRUCTION								\$0
* RED ARROW PARK BIOFILTRATION								\$0
* DEWEY ST-								\$0
* RHEAUME PARK								\$0
* S. 23RD & VIEBAHN								\$0
* DUFEK DRIVE								\$0
* N. RAPIDS RD @ OLD PINES MOTEL								\$0
* ALBERT DR							\$500,000	\$500,000
POND LAND ACQUISITION								\$0
* S. 10TH ST-S. OF GRAND AVE								\$0
* E. OF COPPS (S. OF CUSTER)								\$0
* S. 23RD & VIEBAHN								\$0
* N. RAPIDS RD @ OLD PINES MOTEL								\$0
* E. ASH AVE & DAISY DR								\$0
TOTAL PROJECTS	\$25,000	\$115,000	\$100,000	\$15,000	\$175,000	\$25,000	\$525,000	\$765,000
ESTIMATED ENDING FUND BALANCE	\$11,710			\$11,710	\$11,710	\$11,710	\$11,710	

NOTE: Estimated Beginning Fund Balance reflects Capital Project Fund reserves only.  
Costs reflect local share.

CITY OF MANITOWOC  
 FIVE-YEAR  
 CAPITAL IMPROVEMENT PLAN  
 TAX INCREMENT FINANCING (T.I.F.)

RESOURCE/COST ANALYSIS

	2015 ACTUAL	2016 REQUESTED	2016 DEFUNDED	2016 BUDGET	2017	2018	2019	TOTAL
ESTIMATED BEGINNING FUND BALANCE	\$0			\$1,378,000	\$0	\$0	\$0	\$1,378,000
BOND PROCEEDS				\$1,479,750				\$1,479,750
TOTAL AVAILABLE FUNDS	\$0			\$2,857,750	\$0	\$0	\$0	\$2,857,750

USES BY PROJECT

TIF #17 * PAVING		\$138,000		\$138,000				\$138,000
TIF #15 * PAVING		\$2,719,750		\$2,719,750				\$2,719,750
TOTAL PROJECTS	\$0	\$2,857,750		\$2,857,750	\$0	\$0	\$0	\$2,857,750
ESTIMATED ENDING FUND BALANCE	\$0				\$0	\$0	\$0	

NOTE: Estimated Beginning Fund Balance reflects Capital Project Fund reserves only.  
 All costs are TIF eligible costs within existing TIF districts.

CITY OF MANITOWOC  
FIVE-YEAR  
CAPITAL IMPROVEMENT PLAN  
HARBORS & DOCKS

RESOURCE/COST ANALYSIS

	2015 ACTUAL	2016 REQUESTED	2016 DEFUNDED	2016 BUDGET	2017	2018	2019	TOTAL
ESTIMATED BEGINNING FUND BALANCE	\$89,000			\$89,000	\$89,000	\$89,000	\$89,000	
FUNDING SOURCES								
BOND PROCEEDS	\$379,668			\$367,592	\$469,200	\$550,000	\$250,000	\$2,016,460
OTHER FINANCING SOURCES	\$80,000							\$80,000
TOTAL AVAILABLE FUNDS	\$548,668			\$456,592	\$558,200	\$639,000	\$339,000	\$2,096,460
USES BY PROJECT								
MARINA								
* UPPER DECK AND GUARD RAIL	\$93,668	\$126,000		\$32,332				\$126,000
* BUILDING IMPROVEMENT/PAINT					\$30,200			
* DREDGING							\$250,000	\$250,000
* PARKING LOT								\$0
* REBUILD DOCK	\$366,000	\$702,260		\$335,260	\$414,000			\$1,115,260
CARFERRY								0
* PARKING LOT						\$200,000		\$200,000
* SHORE PROTECTION (RIP RAP)						\$50,000		\$50,000
OTHER								0
* BLUE RAIL BEACH AREA					\$25,000	\$300,000		\$325,000
TOTAL PROJECTS	\$459,668	\$828,260	\$0	\$367,592	\$469,200	\$550,000	\$250,000	\$2,066,260
ESTIMATED ENDING FUND BALANCE	\$89,000			\$89,000	\$89,000	\$89,000	\$89,000	

NOTE: Costs reflect local share.

CITY OF MANITOWOC  
FIVE-YEAR  
CAPITAL IMPROVEMENT PLAN  
ENVIRONMENTAL REMEDIATION

RESOURCE/COST ANALYSIS

	2015 ACTUAL	2016 REQUESTED	2016 DEFUNDED	2016 BUDGET	2017	2018	2019	TOTAL
ESTIMATED BEGINNING FUND BALANCE	\$76,150			\$76,150	\$76,150	\$76,150	\$76,150	
FUNDING SOURCES								
BOND PROCEEDS	\$202,000			\$3,600,000	\$500,000	\$500,000	\$150,000	\$4,952,000
OTHER FINANCING SOURCES	\$56,483			\$55,000				\$111,483
TOTAL AVAILABLE FUNDS	\$334,633			\$3,731,150	\$576,150	\$576,150	\$226,150	\$5,063,483
USES BY PROJECT								
LEMBERGER LANDFILL	\$56,483	\$55,000		\$55,000				\$111,483
GRAVEL PIT	\$172,000	\$1,200,000		\$1,200,000	\$500,000	\$500,000	\$150,000	\$2,522,000
MIRRO BUILDING RAZING		\$2,400,000		\$2,400,000				
S 18TH & FLAMBEAU ST	\$30,000							\$30,000
TOTAL PROJECTS	\$258,483	\$3,655,000	\$0	\$3,655,000	\$500,000	\$500,000	\$150,000	\$2,663,483
ESTIMATED ENDING FUND BALANCE	\$76,150			\$76,150	\$76,150	\$76,150	\$76,150	

NOTE: Estimated Beginning Fund Balance reflects Capital Project Fund reserves only.  
Costs reflect local share.

CITY OF MANITOWOC  
FIVE-YEAR  
CAPITAL IMPROVEMENT PLAN  
BUILDINGS AND GROUNDS / PARKS

RESOURCE/COST ANALYSIS

	2015 ACTUAL	2016 REQUESTED	2016 DEFUNDED	2016 BUDGET	2017	2018	2019	TOTAL
ESTIMATED BEGINNING FUND BALANCE	\$202,761			\$202,761	\$202,761	\$202,761	\$202,761	
FUNDING SOURCES								
BOND PROCEEDS	\$347,200			\$55,000	\$1,454,500	\$245,000	\$885,000	\$2,986,700
OTHER FINANCING SOURCES								\$0
TOTAL AVAILABLE FUNDS	\$549,961			\$257,761	\$1,657,261	\$447,761	\$1,087,761	\$2,986,700
USES BY PROJECT								
CITIZEN PARK								\$0
* TENNIS/BASKETBALL COURTS		\$83,300	\$83,300					\$100,000
* ARMORY					\$100,000			\$36,000
* AQUATIC CENTER		\$16,000		\$16,000			\$20,000	\$0
LINCOLN PARK								\$0
* ZOO	\$17,500	\$66,100	\$66,100		\$60,000			\$77,500
* TENNIS COURTS	\$88,000							\$88,000
* REED AVENUE PARKING LOT						\$100,000		\$100,000
*ROADWAYS	\$150,000				\$775,000			\$925,000
*POWER/ELECTRIC								\$0
*PARKING LOT								\$0
* FIELDHOUSE ROOF & CEILING		\$75,000	\$71,000	\$4,000				\$4,000
SILVER CREEK PARK-FLDHS WINDOWS		\$14,000	\$14,000					\$0
* CABIN		\$340,000	\$340,000		\$340,000			\$340,000
OTHER PARKS								\$0
* WASHINGTON ELECTRICAL		\$6,000	\$6,000					\$0
* FLEETWOOD DR PARKS DEPT					\$60,000		\$500,000	\$560,000
* INDIAN CREEK PARK						\$50,000	\$300,000	\$350,000
HALVERSON PARK	\$6,400							\$6,400
FLEETWOOD PARK								\$0
*OPEN AIR SHELTER								\$0
* TENNIS COURT RESTORATION						\$20,000		\$20,000
H & J SCHUETTE PARKS					\$50,000	\$75,000	\$15,000	\$140,000
* FENCE	\$7,000							\$7,000
BALL DIAMONDS VARIOUS LOCATIONS COMP PLAN		\$11,500	\$11,500					\$0
*RESTROOMS		\$35,000		\$35,000				\$35,000
CAMP VITS								\$0
*RESTROOMS		\$25,000	\$25,000		\$50,000			\$50,000
SILVER RIDGE SUBDIVISION								\$0
* PARK DEVELOPMENT							\$50,000	\$50,000
DEWEY ST PARK								\$0
* ADA PLAYGROUND SURFACE	\$63,000							\$63,000
BLEACHERS / BENCHES	\$15,300	\$17,400	\$17,400		\$19,500			\$34,800
MARINERS TRAIL						\$75,000		\$75,000
MUNICIPAL FIELD					\$25,000			\$25,000
RHEAUME PARK					\$87,500			\$87,500
TOTAL PROJECTS	\$347,200	\$689,300	\$634,300	\$55,000	\$1,454,500	\$245,000	\$885,000	\$2,986,700
ESTIMATED ENDING FUND BALANCE	\$202,761			\$202,761	\$202,761	\$202,761	\$202,761	

NOTE: Estimated Beginning Fund Balance reflects Capital Project Fund reserves only.  
Costs reflect local share.

CITY OF MANITOWOC  
FIVE-YEAR  
CAPITAL IMPROVEMENT PLAN  
BUILDINGS AND GROUNDS / OTHER

RESOURCE/COST ANALYSIS

	2015 ACTUAL	2016 REQUESTED	2016 DEFUNDED	2016 BUDGET	2017	2018	2019	TOTAL
ESTIMATED BEGINNING FUND BALANCE	\$39,422			\$39,422	\$39,422	\$39,422	\$39,422	
FUNDING SOURCES								
BOND PROCEEDS	\$42,100			\$40,000	\$39,500	\$0	\$0	\$121,600
OTHER FINANCING SOURCES								\$0
TOTAL AVAILABLE FUNDS	\$81,522			\$79,422	\$78,922	\$39,422	\$39,422	\$121,600
USES BY PROJECT								
CITY HALL								0
* PARKING LOT								0
* SIGNAGE FOR DEPARMENTS								\$0
BUILDINGS AND GROUNDS								\$0
FIRE								0
*FIRE SPRINKLER SYSTEM STN NO 1								\$0
*FIRE SPRINKLER SYSTEM STN NO 2								\$0
*EXHAUST CAPTURE SYSTEM ST NO 2								\$0
*RENOVATE STATION 1								\$0
*EXHAUST CAPTURE SYSTEM ST NO 4								\$0
*STORAGE BUILDING STATION 4								\$0
*RENOVATE STATION 2								\$0
DPW	\$30,100							\$30,100
POLICE	\$12,000	\$16,000		\$16,000				\$28,000
CEMETERY								\$0
RAHR WEST								\$0
* EXTERIOR PAINT		\$24,000		\$24,000				\$24,000
*BOILER REPLACEMENT		\$75,000	\$75,000					\$0
* MANSION IMPRV-CARPETING					\$39,500			\$39,500
PARKS BUILDINGS								\$0
* PARK'S SHOP								\$0
*CARPET-CP								\$0
*EXTERIOR BUILDING - SIDING-CP								\$0
*EXTERIOR BUILDING-WINDOWS -CP								\$0
* EXTERIOR BUILDING - ROOF - CP								\$0
SAFETY BUILDING								0
*DUCT HEATING UNIT								\$0
*REMODEL EVIDENCE STORAGE								\$0
*OUTDOOR RANGE BUILDING								\$0
*SECURITY UPGRADE								\$0
SENIOR CENTER								\$0
TOTAL PROJECTS	\$42,100	\$115,000	\$75,000	\$40,000	\$39,500	\$0	\$0	\$121,600
ESTIMATED ENDING FUND BALANCE	\$39,422			\$39,422	\$39,422	\$39,422	\$39,422	

NOTE: Estimated Beginning Fund Balance reflects Capital Project Fund reserves only.  
Costs reflect local share.

CITY OF MANITOWOC  
FIVE-YEAR  
CAPITAL IMPROVEMENT PLAN  
MACHINERY AND EQUIPMENT

RESOURCE/COST ANALYSIS

	2015 ACTUAL	2016 REQUESTED	2016 DEFUNDED	2016 BUDGET	2017	2018	2019	TOTAL
ESTIMATED BEGINNING FUND BALANCE	\$808,395			\$808,395	\$808,395	\$808,395	\$808,395	
FUNDING SOURCES								
BOND PROCEEDS	\$420,768	\$1,316,868		\$593,608	\$306,700	\$185,000	\$130,000	\$1,636,076
OTHER FINANCING SOURCES	\$220,000	\$0		\$184,000		\$0	\$0	\$404,000
TOTAL AVAILABLE FUNDS	\$1,449,163	\$1,316,868		\$1,586,003	\$1,115,095	\$993,395	\$938,395	\$2,040,076
USES BY PROJECT								
INFORMATION TECHNOLOGY								\$0
* SYSTEM SOFTWARE								\$150,000
* REVAL OF CITY - ASSESSOR								\$0
* SYSTEM HARDWARE	\$150,000							\$0
* UPGRADE IAS TO WORLD								\$0
FIRE DEPARTMENT								\$0
* REPLACE RADIOS/RADIO EQUIP	\$66,158	\$193,000		\$111,606				\$177,764
* REPLACE FITNESS EQUIP		\$7,500	\$7,500					\$0
* ZODIAC BOAT		\$14,000	\$14,000					\$0
* THERMAL IMAGING CAMERA								\$0
* TECHNOLOGY EQUIPMENT	\$48,820	\$130,000	\$130,000					\$48,820
* RESCUE TRAILER								\$0
* EMERGENCY SIREN ANALYZER								\$0
* AWD COMMAND VEHICLE		\$35,000		\$35,000				\$35,000
* POWER LIFT ASSIST COTS		\$125,400	\$125,400		\$125,400			\$125,400
*REPLACE AMBULANCE	\$157,000							\$157,000
* FIRE ENGINE								\$0
POLICE DEPT								\$0
*LICENSE PLATE RECOGNITION EQUIP	\$20,840							\$20,840
*VAN / EVIDENCE COLLECTION					\$21,000	\$85,000		\$106,000
*VOICE RECOGNITION	\$9,780							\$9,780
*CAMERAS FOR SQUADS		\$25,736		\$25,736				\$25,736
*TASER		\$42,902		\$42,902				\$42,902
* SQUAD COMPUTERS		\$30,635		\$30,635				\$30,635
* VEHICLE CAMERAS								\$0
* RADIO EQUIPMENT	\$88,170	\$412,695		\$245,337				\$333,507
* PEDESTRIAN SAFETY SIGNAGE					\$13,300			\$13,300
* PARKING ENFORCE JEEP					\$18,000			\$18,000
CITY HALL								\$0
*COPIERS/FOLDER/STUFFER		100,000		\$102,392	\$100,000	\$100,000	\$100,000	\$402,392
*END OF LIFE EQUIPMENT FUND	\$100,000	\$200,000	\$16,000	\$184,000				\$284,000
*TRUCK 907 / 908					\$29,000		\$30,000	\$59,000
TOTAL PROJECTS	\$640,768	\$1,316,868	\$292,900	\$777,608	\$306,700	\$185,000	\$130,000	\$2,040,076
ESTIMATED ENDING FUND BALANCE	\$808,395			\$808,395	\$808,395	\$808,395	\$808,395	

NOTE: Estimated Beginning Fund Balance reflects Capital Project Fund reserves only.  
Costs reflect local share.

CITY OF MANITOWOC  
FIVE-YEAR  
CAPITAL IMPROVEMENT PLAN  
DEPT OF INFRASTRUCTURE FLEET / EQUIPMENT

RESOURCE/COST ANALYSIS

	2015 ACTUAL	2016 REQUESTED	2016 DEFUNDED	2016 BUDGET	2017	2018	2019	TOTAL
ESTIMATED BEGINNING FUND BALANCE	\$508,157			\$508,157	\$508,157	\$508,157	\$508,157	
FUNDING SOURCES								
BOND PROCEEDS	\$300,800			\$238,800	\$947,000	\$487,000	\$547,000	\$2,520,600
OTHER FINANCING SOURCES								
TOTAL AVAILABLE FUNDS	\$808,957			\$746,957	\$1,455,157	\$995,157	\$1,055,157	\$2,520,600
USES BY PROJECT								
* TRACTOR/LOADER/BACKHOE		\$245,000	\$225,000	\$20,000	\$125,000		\$130,000	\$275,000
* DECK - CALCIUM CHLORIDE TANK								\$0
* ARROW BOARDS		\$12,000		\$12,000				\$12,000
* AERIAL BUCKET TRUCK						\$170,000		\$170,000
* BRINE MAKER	\$125,000				\$20,000			\$145,000
* HOT PATCH UNITS (2)								\$0
* TIRE MACHINE					\$10,000			\$10,000
* SNOW BLOWER							\$140,000	\$140,000
* 5 YD DUMP TRUCK W/PLOW/LODAL								\$0
* 5 YD DUMP TRUCK W/P&W (3)								\$0
* 1-TON BEDS		\$13,000		\$13,000				\$13,000
* SWEEPER						\$225,000		\$225,000
* TRACKLESS W/PL/MWR/SPRDR	\$130,000	\$135,000	\$135,000		\$130,000			\$260,000
* CONCRETE ROUTER								\$0
* REPLACE PICKUP TRUCKS					\$105,000			\$105,000
* REPLACE PICKUP TRUCKS -PARKS					\$140,000			\$140,000
* REPLACE PICKUP TRUCK - ZOO					\$35,000			\$35,000
* REPLACE REFUSE COLLECT TRUCK		\$130,000		\$130,000				\$130,000
*PRESSURE WASHER		\$12,500	\$12,500					\$0
*4 X 4 DIESEL TRACTOR W/P&DECK					\$220,000	\$60,000		\$280,000
*ENG #11 & 914 ASSESSOR VEHICLE		\$41,800	\$41,800					\$0
*PICKUP TRUCK -PARKS		\$32,000		\$32,000				\$32,000
* 4X4 SUBURBAN WITH PLOW								\$0
*1 TON DUMP TRUCK W/SALT UNIT					\$50,000		\$85,000	\$135,000
* 1 TON TRUCK W/PLOW					\$80,000		\$120,000	\$200,000
* 4X4 TRACTOR -PARKS							\$40,000	\$0
* BRUSH CHIPPER		\$35,000	\$35,000					\$0
* RIDING LAWNMOWERS		\$23,600		\$11,800	\$12,000	\$12,000	\$12,000	\$47,800
PLAYGROUND EQUIPMENT	\$45,800	\$20,000		\$20,000	\$20,000	\$20,000	\$20,000	\$125,800
								\$0
TOTAL PROJECTS	\$300,800	\$699,900	\$449,300	\$238,800	\$947,000	\$487,000	\$547,000	\$2,480,600
ESTIMATED ENDING FUND BALANCE	\$508,157			\$508,157	\$508,157	\$508,157	\$508,157	

NOTE: Estimated Beginning Fund Balance reflects Capital Project Fund reserves only.  
Costs reflect local share.

***SUMMARY OF PROJECTS  
PROPRIETARY FUNDS***

***\* \* \* \* \****

***2015 – 2019***

CITY OF MANITOWOC  
FIVE-YEAR  
CAPITAL IMPROVEMENT PLAN

SUMMARY OF PROJECTS  
PROPRIETARY FUNDS

RESOURCE/COST ANALYSIS

	2015	2016	2017	2018	2019	TOTAL
ESTIMATED BEGINNING FUND BALANCE	\$34,978	\$34,978	\$34,978	\$30,178	\$30,178	\$165,290
FUNDING SOURCES						
WWTF	\$1,181,000	\$905,000	\$905,000	\$5,055,000	\$4,875,600	\$12,921,600
TRANSIT	\$0	\$304,000	\$4,800	\$0	\$36,000	\$344,800
TOTAL AVAILABLE FUNDS	\$1,215,978	\$1,243,978	\$944,778	\$5,085,178	\$4,941,778	\$13,266,400
USES BY PROJECT						
WASTEWATER FACILITY EQUIPMENT	\$125,500	\$0	\$0	\$4,249,000	\$1,855,600	\$6,230,100
SANITARY SEWER REPLACEMENT	\$1,055,500	\$905,000	\$905,000	\$806,000	\$3,020,000	\$6,691,500
TRANSIT SYSTEM	\$0	\$304,000	\$4,800	\$0	\$36,000	\$344,800
TOTAL PROJECTS	\$1,181,000	\$1,209,000	\$909,800	\$5,055,000	\$4,911,600	\$13,266,400
ESTIMATED ENDING FUND BALANCE	\$34,978	\$34,978	\$34,978	\$30,178	\$30,178	

Costs reflect local share.

CITY OF MANITOWOC FIVE-YEAR CAPITAL IMPROVEMENT PLAN WASTEWATER TREATMENT FACILITY/SANITARY SEWER REPLACEMENT						
ANALYSIS OF FUNDS						
	2014	2015	2016	2017	2018	TOTAL
ESTIMATED BEGINNING FUND BALANCE	\$0	\$0	\$0	\$0	\$0	\$0
FUNDING SOURCES						
SANITARY SEWER INFRASTRUCTURE	\$1,055,500	\$905,000	\$905,000	\$806,000	\$3,020,000	\$6,691,500
EQUIP/BUILDING INFRASTRUCTURE	\$125,500	\$0	\$0	\$4,249,000	\$1,855,600	\$6,230,100
TOTAL AVAILABLE FUNDS	\$1,181,000	\$905,000	\$905,000	\$5,055,000	\$4,875,600	\$12,921,600
USES BY PROJECT						
EQUIPMENT						
* FACILITY PLAN - SEE DETAIL	\$125,500			\$4,249,000	\$1,855,600	\$6,230,100
SANITARY SEWER REPLACEMENT						
* ANNUAL SEWER PROGRAM	\$1,055,500	\$455,000	\$455,000	\$672,500	\$470,000	\$3,108,000
* INTERCEPTORS/LIFT STATIONS/ FORCEMAINS						\$0
1. LAWTON TERR LIFT STATION		\$450,000	\$450,000			\$900,000
2. MTWC RIVER INTERCEPTOR				\$50,000	\$2,000,000	\$2,050,000
3. S. 14TH STREET LIFT STATION				\$25,000	\$350,000	\$375,000
4. HORSESHOE DRIVE LIFT STATION				\$50,000	\$200,000	\$250,000
5. SILVER CREEK LIFT STATION						\$0
6. S. 19TH STREET LIFT STATION				\$8,500		\$8,500
7. MANHOLE REPLACEMENTS						\$0
TOTAL PROJECTS	\$1,181,000	\$905,000	\$905,000	\$5,055,000	\$4,875,600	\$12,921,600
ESTIMATED ENDING FUND BALANCE	\$0	\$0	\$0	\$0	\$0	

NOTE: Estimated Beginning Fund Balance reflects Capital Project Fund reserves only.  
Costs reflect local share.

CITY OF MANITOWOC  
FIVE-YEAR  
CAPITAL IMPROVEMENT PLAN  
TRANSIT SYSTEM

RESOURCE/COST ANALYSIS

	2015	2016	2017	2018	2019	TOTAL
ESTIMATED BEGINNING FUND BALANCE	\$34,978	\$34,978	\$34,978	\$30,178	\$30,178	\$165,290
FUNDING SOURCES						
BOND PROCEEDS	\$0	\$304,000	\$0	\$0	\$36,000	\$340,000
OTHER FINANCING SOURCE	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL AVAILABLE FUNDS	\$34,978	\$338,978	\$34,978	\$30,178	\$66,178	\$505,290
USES BY PROJECT						
REPLACE PARATRANSIT VANS (2) (1)					\$36,000	\$36,000
REPLACE FIVE 29 FOOT COACHES						\$0
REPLACE OIL DISPENSING EQUIPMENT						\$0
REPLACE FOUR 35 FOOT COACHES		\$304,000				\$304,000
REPLACE FUEL DISPENSING EQUIP						\$0
REPLACE TRANSIT DRIVER VAN			\$4,800			\$4,800
HVAC - MAINTENANCE FACILITY						\$0
TDP BUS ROUTE IMPROVEMENTS						\$0
TOTAL PROJECTS	\$0	\$304,000	\$4,800	\$0	\$36,000	\$344,800
ESTIMATED ENDING FUND BALANCE	\$34,978	\$34,978	\$30,178	\$30,178	\$30,178	

NOTE: Estimated Beginning Fund Balance reflects Capital Project Fund reserves only.  
Costs reflect local share.