

Borough of Madison Five Year Capital Plan Presentation

February 18, 2015



Borough of Madison
Schedule of Capital Improvement Fund
2008 thru 2014 (in \$000's)

	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<u>Beginning Balance</u>	\$ 4,791	\$ 4,786	\$ 3,221	\$ 2,012	\$ 1,115	\$ 78	\$ 539
Increased By:							
Improvement Authorizations Cancelled	158	276	84	160	50	83	54
Budget Appropriations	1,529	500	500	0	750	1,000	3,500
Grant Funds Received				423		390	213
Other Receipts				40	19		95
sub-total	6,478	5,562	3,805	2,635	1,934	1,551	4,401
Decreased By:							
Improvement Authorizations	1,692	2,341	1,793	1,520	1,856	1,012	3,468
<u>Ending Balance</u>	\$ 4,786	\$ 3,221	\$ 2,012	\$ 1,115	\$ 78	\$ 539	\$ 933

Borough of Madison
DRAFT 5 Year Capital Improvement Plan
REVISED FEBRUARY 18, 2015

<u>Department/ Projects</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Engineering & Public Works					
Road Reconstruction	950,000	905,000	1,240,000	930,000	760,000
Milling and Overlay	548,000	469,250	505,000	515,000	525,000
Stormwater System	315,000	435,000	500,000	550,000	275,000
Sanitary Capital	335,000	335,000	215,000	190,000	190,000
Building Improvements	5,000	175,000	275,000	25,000	200,000
Roads, Parks & Equipment	402,000	405,000	250,000	310,000	290,000
Parking Lots/Sidewalks	115,000	100,000	125,000	25,000	25,000
Subtotal	2,670,000	2,824,250	3,110,000	2,545,000	2,265,000
Recreation	75,000	60,000	150,000	50,000	25,000
Police	114,000	243,000	130,000	280,000	375,000
Fire	21,000	89,500	76,500	371,500	401,500
Library	300,000	260,700	443,500	262,300	130,000
Total General Capital	\$ 3,180,000	\$ 3,477,450	\$ 3,910,000	\$ 3,508,800	\$ 3,196,500
Electric Utility	185,000	415,000	257,500	327,500	205,000
Water Utility	400,000	420,000	110,000	185,000	265,000
Total Utility Capital	\$ 585,000	\$ 835,000	\$ 367,500	\$ 512,500	\$ 470,000

**Borough of Madison
5 Year Capital Improvement Plan**

DEPARTMENT: ENGINEERING

<u>Project Description</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Road Reconstruction					
Ridgedale (North)	475,000				
Ridgedale (South)	475,000				
West		75,000			
Kinney		130,000			
Loantaka Terr		120,000			
Elm St		170,000			
Tracy		30,000			
Wyndehurst		100,000			
Crescent		130,000			
Gibbons Pl			120,000		
Lathrop			220,000		
Park La		150,000			
Central			250,000		
Prospect			650,000		
Shadylawn				80,000	
Sherwood				200,000	
Alexander				200,000	
Cottage					40,000
Court					50,000
Cross					150,000
Greenwood				450,000	450,000
Parkside					70,000
Yearly Totals	<u>\$ 950,000</u>	<u>\$ 905,000</u>	<u>\$ 1,240,000</u>	<u>\$ 930,000</u>	<u>\$ 760,000</u>

**Borough of Madison
5 Year Capital Improvement Plan**

DEPARTMENT: ENGINEERING

Project Description	2015	2016	2017	2018	2019
Milling, Overlay, Road Projects					
Sherwood	110,000				
Longview	96,250				
Morris Pl.	110,000				
Candlewood	46,750				
Danforth	60,000				
Fox Chase		24,750			
Union		30,250			
Kensington		74,250			
Elmer		40,000			
Seven Oaks			80,000		
Ferndale			90,000		
Fairwood			210,000		
Forest				110,000	
Glendale				80,000	
Woodside				40,000	
Oak, North & South Oak				120,000	
Holden La				40,000	
Other Roads TBD					400,000
MRC Access Road		75,000			
Radar Signals		50,000			
Main Street biped signals		50,000			
Sign Replacements	25,000	25,000	25,000	25,000	25,000
Striping	15,000	20,000	25,000	25,000	25,000
Curb Replacement	50,000	50,000	50,000	50,000	50,000
Crack Sealing	35,000	30,000	25,000	25,000	25,000
Yearly Totals	\$ 548,000	\$ 469,250	\$ 505,000	\$ 515,000	\$ 525,000

**Borough of Madison
5 Year Capital Improvement Plan**

DEPARTMENT: ENGINEERING

<u>Project Description</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Stormwater System					
Bardon (Replace Outfall)	15000				
Central Ave (Design SWM)		15,000			
Park Lane (Add inlets)		20,000			
Elmer Box Culvert Collapse			400,000	400,000	
Elmer Street Drainage*	200,000				
BelleauWoods Culvert (HMG)	50,000	350,000			
Rail Culvert Lining (Keep)			50,000		
Rail Culvert Lining (Kings)				50,000	
Rail Culvert Lining (Park)				50,000	
SWM Compliance:					
Nassco Video Inspect					
Stream Cleaning	25,000				
Stream Stabilization		25,000			
Outfall Rip Rap			25,000		
Inlet Bar Grating				25,000	
Misc Repairs TBD					250,000
Misc Inlets	25,000	25,000	25,000	25,000	25,000
Yearly Totals	\$ 315,000	\$ 435,000	\$ 500,000	\$ 550,000	\$ 275,000

* County may be possible funding partner

Borough of Madison
5 Year Capital Improvement Plan

DEPARTMENT: ENGINEERING

<u>Project Description</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Sanitary Sewers					
MH/Main lining	100,000	100,000	100,000	100,000	100,000
Station Upgrades	40,000	40,000	40,000	40,000	40,000
New Pump (D Maines)	60,000				
Misc PS Repairs:					
North					
Candlewood	35,000				
Treadwell	50,000				
West End		50,000			
Rachael		25,000			
Madison			25,000		
2 Ton Dump Truck		70,000			
Misc Video & Main Repiars	25,000	25,000	25,000	25,000	25,000
INI Reduction (flow, smoke, sample, enf)	25,000	25,000	25,000	25,000	25,000
Yearly Totals	<u>\$ 335,000</u>	<u>\$ 335,000</u>	<u>\$ 215,000</u>	<u>\$ 190,000</u>	<u>\$ 190,000</u>

**Borough of Madison
5 Year Capital Improvement Plan**

DEPARTMENT: ENGINEERING

<u>Project Description</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Building Improvements					
DPW Bldg. Repairs			200,000.00		
HDM -contamination		75,000.00	75,000.00		
HDM oil conversion				25,000.00	
HDM East Wing		100,000.00			
Misc Building Repairs					200,000.00
Planning Room Audio	5,000.00				
Yearly Totals	<u>\$ 5,000</u>	<u>\$ 175,000</u>	<u>\$ 275,000</u>	<u>\$ 25,000</u>	<u>\$ 200,000</u>

**Borough of Madison
5 Year Capital Improvement Plan**

DEPARTMENT: ENGINEERING

<u>Project Description</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Parking Lot & Sidewalk Improvements					
HDM Sidewalk Repairs	\$ 15,000	\$ 50,000			
Downtown Sidewalk Repairs	\$ 50,000	\$ 50,000	\$ 50,000	\$ 25,000	\$ 25,000
MRC Access Rd Paving			\$ 75,000		
MRC Access Sidewalk	\$ 50,000				
Yearly Totals	<u>\$ 115,000</u>	<u>\$ 100,000</u>	<u>\$ 125,000</u>	<u>\$ 25,000</u>	<u>\$ 25,000</u>

**Borough of Madison
5 Year Capital Improvement Plan**

DEPARTMENT: PUBLIC WORKS

<u>Project Description</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Roads, Parks & Equipment					
Replace small truck (103, 110)	120,000			40,000	40,000
Replace big truck	180,000	180,000	180,000	180,000	180,000
Replace 2 ton dump truck		70,000	70,000	70,000	70,000
Lawn Mower 16' Cut		75,000			
Hot Box	32,000				
Crimping Machine	10,000				
Expanded Fuel Storage	60,000				
Air Ventilator		60,000			
Lawn Mower		20,000		20,000	
Subtotal	<u>\$ 402,000</u>	<u>\$ 405,000</u>	<u>\$ 250,000</u>	<u>\$ 310,000</u>	<u>\$ 290,000</u>

**Borough of Madison
5 Year Capital Improvement Plan**

DEPARTMENT: POLICE

<u>Project Description</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Chevy Tahoe and related equipment	54,000				
Live Scan System Upgrade (Fingerprint system)	30,000				
Eventide System Upgrade (Phone recording system)	30,000				
New portable radios for each officer		183,000			
New Camera System			100,000		
Patrol Vehicle		30,000	30,000	30,000	30,000
Range House (partial)		30,000			
New Radar Units					20,000
New OEM/ESU Truck					75,000
Desk equipment update & 911.**				250,000	250,000
Yearly Totals	<u>114,000.00</u>	<u>243,000.00</u>	<u>130,000.00</u>	<u>280,000.00</u>	<u>375,000.00</u>

** 911 desk equipment update is a \$700,000 capital item that will be funded over a 3 year period. Not shown is a \$200,000 capital need for this item in 2020

**Borough of Madison
5 Year Capital Improvement Plan**

DEPARTMENT: FIRE DEPARTMENT

	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Replace FF turnout gear	11,000	11,500	11,500	11,500	11,500
Aerial Data Recorder for Tower 1	10,000				
Replace 1995 Rescue Truck					
Replace/Upgrage SCBA eqpmnt					
Replace 2004 Utility/Pickup Trck		63,000			
Replace 1996 Midwood Antenna		15,000			
Replace 2007 Vehicle			47,000		
Replace 5" Large Diam Hose			18,000		
Replace 1998 Midwood Genset				20,000	
Replace Staff Vehicle					50,000
Replace Engine 3 (1990)				340,000	340,000
Subtotal	<u>\$ 21,000</u>	<u>\$ 89,500</u>	<u>\$ 76,500</u>	<u>\$ 371,500</u>	<u>\$ 401,500</u>

1995 Rescue Truck slated for replacement in 2020. Approximate cost is \$550,000

**Borough of Madison
5 Year Capital Improvement Plan**

DEPARTMENT: RECREATION

	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Rosedale Rink upgrades	75,000				
Dodge Field Court Lighting		60,000			
Bayley S/R Field			150,000		
Bayley Rest Room				50,000	
Seeding & Aerating TBD					25000

Subtotal	<u>\$ 75,000</u>	<u>\$ 60,000</u>	<u>\$ 150,000</u>	<u>\$ 50,000</u>	<u>\$ 25,000</u>
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**Borough of Madison
5 Year Capital Improvement Plan**

DEPARTMENT: LIBRARY

	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Replace HVAC	200,000				
Redo Picture Room	100,000				
Repave/design parking lot		150,000			
Pave staff parking lot			15,000		
Roof replacement			300,000		
Replace carpet-lobby		10,700			
Replace carpet-childrn			28,500		
Replace carpet-lobby, Adult				87,300	
Refresh projects		100,000	100,000	100,000	
Study upgrade-fire alarm sys					55,000
Redo Plaza & Fountain				75,000	75,000
Subtotal	<u><u>\$ 300,000</u></u>	<u><u>\$ 260,700</u></u>	<u><u>\$ 443,500</u></u>	<u><u>\$ 262,300</u></u>	<u><u>\$ 130,000</u></u>

**Borough of Madison
5 Year Capital Improvement Plan**

DEPARTMENT: ELECTRIC

Project Description	2015	2016	2017	2018	2019
Reconstruct underground primary distribution system at Union Hill & Independence Court		75,000			
Reconstruct underground primary distribution system at Madison Green Condominiums (Green Ave & Shunpike Rd)		75,000			
Replacement of pickup truck 136 (2000)	40,000				
Installation of new underground conduits, cable, light-piers, lamposts and fixtures on Kings Road from Prospect Street to Madison Ave.		210,000			
Replace Perimeter fencing on both substations			25,000		
Video surveillance systems for both substations			20,000		
Signal Camera Actuators *	25,000	25,000	25,000	25,000	
Replacement of pickup truck 135 (2006)				40,000	
Replace both double bucket trucks			187,500	187,500	
Dodge Field Field Lighting				75,000	75,000
Equipment Storage - Pole Barn	120,000				
E Well Transformer		30,000			
Primary Voltage copper cable for Kings Rd feeder lines					100,000
Replace historic fixtures at train station					30,000
Yearly Totals	\$ 185,000	\$ 415,000	\$ 257,500	\$ 327,500	\$ 205,000

* Signal Actuators: Woodland and Loantaka, Main Street, Kings Rd

**Borough of Madison
5 Year Capital Improvement Plan**

DEPARTMENT: WATER

	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Well E refurbish		50,000	100,000		
Mini Excavator		70,000			
Well Upgrades	10,000	10,000	10,000	10,000	10,000
Lathrop/Gibbons	100,000	120,000			
Upgrade SCADA		50,000			
Skid Steer	85,000				
Repaint Midwood Tank				175,000	175,000
Radio Feed	5,000				
Truck 138					80,000
Greenwood Ave Water Main		120,000			
Automated Meters	200,000				
Subtotal	<u>\$ 400,000</u>	<u>\$ 420,000</u>	<u>\$ 110,000</u>	<u>\$ 185,000</u>	<u>\$ 265,000</u>

Borough of Madison
 Schedule of Open General Capital Improvement Ordinances
 As of January 26, 2015

Ordinance #	Amount Adopted	Amount Unspent
2 - 2014 Road Reconstruction	\$ 1,660,000	\$ 527,929
	<i>A final payment and change order to Cifelli & Son is scheduled this month.</i>	
8 - 2014 Fire Pickup	\$ 57,000	\$ 785
19 - 2014 DPW Lift Replacement	\$ 160,000	\$ 154,113
	<i>Lift is being installed this month.</i>	
23 - 2-014 Library HVAC	\$ 450,000	\$ 450,000
	<i>Rebid scheduled this April for construction in September.</i>	
25 - 2014 Police Cad System	\$ 33,000	\$ 33,000
27 - 2014 Police Surveillance Equip.	\$ 6,000	\$ 6,000
29 - 2014 Sewer Sump Pump	\$ 60,000	\$ 60,000
	<i>DPW purchasing pumps for Treadwell and West End.</i>	
30 - 2014 Sewer Pump Upgrade	\$ 40,000	\$ 40,000
	<i>DPW purchasing pumps for Candlewood.</i>	
33 - 2014 Sewer Lining Improvement	\$ 150,000	\$ 149,689
	<i>Contract awarded for construction in April.</i>	
35 - 2014 Signalization Improvements	\$ 30,000	\$ 3,794
	<i>Complete.</i>	
36 - 2014 Milling and Overlay	\$ 200,000	\$ 24,788
	<i>Complete.</i>	
51 - 2014 Accessible Ramp at HDM	\$ 45,000	\$ 43,771
	<i>Scheduled for spring due to unfavorable weather.</i>	
52 - 2014 Waverly Green Parking Lot	\$ 200,000	\$ 200,000
	<i>Scheduled for summer construction due to business owner preferences.</i>	
38 - 2010 North Street Pump Station	\$ 500,000	\$ 39,617
	<i>Complete.</i>	
12 - 2012 North Street Pump Station	\$ 450,000	\$ 427,846
	<i>New pumps, valves and flow monitoring to be bid this year.</i>	
19 - 2012 Candlewood Pump Station	\$ 150,000	\$ 41,158
	<i>Grinder to be installed by Franklin Miller this year.</i>	
20 - 2012 Treadwell Pump Station	\$ 100,000	\$ 6,259
	<i>Complete.</i>	
18 - 2013 Green Avenue	\$ 630,000	\$ 2,940
	<i>Complete.</i>	
31 - 2013 Bayley Ellard Fields Remed.	\$ 350,000	\$ 34,385
	<i>Complete.</i>	
21 - 2013 Radio Consultant	\$ 8,000	\$ 2,930
44 - 2010 Library Improvements	\$ 142,000	\$ 6,194

27 - 2011 Library Asbestos Abatement	\$	30,000	\$	21,567
6 - 2012 Library Asbestos Removal	\$	90,000	\$	46
6 - 2013 Library HVAC Study	\$	35,000	\$	1,289
44 - 2013 Library Roof Repairs	\$	29,000	\$	25,000
5 - 2014 DPW Boiler	\$	16,000	\$	-
20 - 2014 DPW Pole Barn	\$	30,000	\$	-
21 - 2014 DPW Loader	\$	160,000	\$	-
22 - 2014 Civic Center Floor	\$	8,000	\$	-
26 - 2014 New Police Vehicle	\$	30,000	\$	-
28 - 2014 Police Surveillance Equipment	\$	2,000	\$	-
32 - 2014 East Street Parking Lot Amending Ordinance 34 - 2013	\$	120,000	\$	-
40 - 2014 Fire Dept. SCBA	\$	25,000	\$	-
Totals	\$	5,996,000	\$	2,303,100

* Figures do NOT include \$950,000 ordinance adopted earlier this year for Ridgedale Avenue Road Reconstruction or \$200,000 ordinance adopted earlier this year for Library HVAC project.

**Borough of Madison
Open Water Utility Capital Ordinances
As of February 17, 2015**

Ordinance # :	Amount Appropriated	Amount Unspent
7 - 10 Water Well Station Repairs	\$ 60,000	\$ 42,600
26 - 12 Water System Components	\$ 150,000	\$ 45,475
16 - 14 Well Upgrades	\$ 10,000	\$ 10,000
56 - 14 New Generator Well E Amending 17 - 14	\$ 140,000	\$ 140,000
18 - 14 Purchase of Backhoe	\$ 130,000	\$ - Cancelled
Totals	\$ 490,000	\$ 238,075

**Borough of Madison
Open Electric Utility Capital Ordinances**

Ordinance # :	Amount Appropriated	Amount Unspent
25 - 11 Underground Distribution System	\$ 250,000	\$ 25,199
42 - 13 Digger/Derrick Truck	\$ 225,000	\$ 38,883
10 - 13 Desiccant Breather & Oil Filtration	\$ 45,000	\$ 26,135
43 - 13 Repair Water & Light Building	\$ 125,000	\$ 70,231
12 - 14 Pad Mount Transformers	\$ 65,000	\$ 50,273
15 - 14 Fiber-Optic Pilot Wire Relay	\$ 30,000	\$ 30,000
13 - 14 Purchase 3/4 Ton Pickup Truck	\$ 30,000	\$ - Cancelled
14 - 14 New Battery Banks at Kings/James	\$ 25,000	\$ - Cancelled
Totals	\$ 795,000	\$ 240,721