

Proposed FY 2012/2013  
Capitol Budget

Department	Project	General Fund	Major Streets	Local Streets	Parking	Airport	Enterprise	Partnership Reserves	Additional/ Alt Funding	Prior Funding	Total Project Cost
ALCC	Building Renovations								\$150,000	(3)	\$150,000
	<b>SUB-TOTAL</b>								<b>\$150,000</b>		<b>\$150,000</b>
Building	LED Lighting Upgrades for City Hall	\$56,750								\$28,250	\$85,000
	<b>SUB-TOTAL</b>	<b>\$56,750</b>								<b>\$28,250</b>	<b>\$85,000</b>
Public Services/Parks	Munson Park Entrance Resurfacing	\$35,000									\$35,000
	Veterans Park Restroom Rehabilitation	\$10,000									\$10,000
	Memorial Place Fencing - West Lot Line	\$15,000							\$10,000	(21)	\$25,000
	Sterling Island Bridge & Approach Rehabilitation	\$10,000									\$10,000
	Replacement of Play Equipment - Various Parks	\$50,000									\$50,000
	<b>SUB-TOTAL</b>	<b>\$120,000</b>							<b>\$10,000</b>		<b>\$130,000</b>
Engineering Streets	Detroit Reconstruction - Mill to N. Dixie Hwy.		\$520,000						\$780,000	(11), (12)	\$1,350,000
	N. Dixie Resurfacing - Elm to Spaulding		\$25,000								\$25,000
	Franklin Reconstruction - Kentucky to Winchester								\$167,500	(1)	\$167,500
	Noble Reconstruction - Theodore to Telegraph			\$330,000							\$330,000
	Casa Resurfacing - Cityline to Third	\$130,000									\$130,000
	Borgess Improvements - Sylvan to Stedman	\$20,000		\$20,000							\$40,000
	O'Brien Reconstruction - full length	\$290,290								\$9,710	\$300,000
	E. Lorain Drain Crossing at Mason Run								\$150,000	(20)	\$150,000
	Lavender Reconstruction - Galkins to Hendricks	\$335,000									\$335,000
	<b>SUB-TOTAL</b>	<b>\$440,290</b>	<b>\$545,000</b>	<b>\$350,000</b>					<b>\$1,097,500</b>	<b>\$59,710</b>	<b>\$2,492,500</b>
Infrastructure	Sidewalk Replacement Program	\$78,000							\$42,000	(6)	\$120,000
	Alley Reconstruction - Various Locations	\$75,000							\$75,000	(6)	\$150,000
	South Macomb Street Parking Lot Resurfacing					\$67,500					\$67,500
	Storm Sewers	\$25,000								\$25,000	\$50,000
	N. Dixie Sidewalk Installation - Detroit to Tennes	\$10,000							\$40,000	(6)	\$50,000
	<b>SUB-TOTAL</b>	<b>\$188,000</b>				<b>\$67,500</b>			<b>\$157,000</b>	<b>\$25,000</b>	<b>\$437,500</b>
Fire	New Fire Station Study	\$20,000									\$20,000
	<b>SUB-TOTAL</b>	<b>\$20,000</b>									<b>\$20,000</b>
Info Tech	Telephone System and Network Upgrade								\$260,000	(2)	\$260,000
	<b>SUB-TOTAL</b>								<b>\$260,000</b>		<b>\$260,000</b>
MCLS	Dorsch Door Frame and Canopy Replacement	\$10,000									\$10,000
	<b>SUB-TOTAL</b>	<b>\$10,000</b>									<b>\$10,000</b>
Multi-Sports	Lighting Upgrade									\$20,000	\$20,000
	Replace Compressor #2 Motor	\$15,000									\$15,000
	<b>SUB-TOTAL</b>	<b>\$15,000</b>								<b>\$20,000</b>	<b>\$35,000</b>

*Italicized projects were proposed but are not expected to be funded and are not included in budget totals*

Proposed FY 2012/2013  
Capital Budget

Department	Project	General Fund	Major Streets	Local Streets	Parking	Airport	Enterprise	Partnership Reserves	Additional / Alt Funding	Prior Funding	Total Cost by Project	
WWTP	Wastewater Treatment Plant Improvements-Phase II*						\$18,000,000			\$23,315,244	\$41,315,244	
	Sanitary Sewer System Rehabilitation / Replacement						\$370,000			\$4,371,543	\$4,741,543	
	Raisinville N & S and Lavender North Pump Stn Elec Svc Improve						\$55,000				\$55,000	
	Primary and Pump Station Well Bubbler Line Replacements						\$80,000				\$80,000	
	South Monroe Pump Station Control Panel						\$30,000				\$30,000	
	Boiler Replacement - Wastewater Plant Secondary System						\$75,000				\$75,000	
	Sludge Handling System - Air Cooling Equipment Replacement						\$20,000				\$20,000	
	Boiler System Rehabilitation - Wastewater Plant Primary Side						\$150,000				\$150,000	
	Flow Proportional Sampler Replacement						\$15,000				\$15,000	
	Disinfection System Cover						\$85,000				\$85,000	
	Chemical Storage Structure						\$12,000				\$12,000	
	GIS-Wastewater System						\$50,000		*same project as GIS-Water System & Services		\$50,000	
	<b>SUB-TOTAL</b>							<b>\$18,942,000</b>			<b>\$27,686,787</b>	<b>\$46,628,787</b>
Water Distribution Division	Cass St Water Main Replacement - South of City Line to Front						\$488,000				\$488,000	
	Franklin St Water Main Replacement - Kentucky to Winchester						\$56,000				\$56,000	
	Detroit Avenue Water Main Modifications - Mill to Dixie						\$105,000				\$105,000	
	Maybee Elevated Storage Tank Improvements						\$85,000				\$85,000	
	GIS-Water System & Services						\$150,000		*same project as GIS-Wastewater System		\$150,000	
	<b>SUB-TOTAL</b>							<b>\$884,000</b>				<b>\$884,000</b>
Filtration	Eng/Const-Motor Control Centers A-B-C Replacement						\$250,000			\$55,000	\$305,000	
	Ozone Injection System Upgrade						\$25,000			\$165,000	\$190,000	
	<b>SUB-TOTAL</b>						<b>\$275,000</b>			<b>\$220,000</b>	<b>\$495,000</b>	
Water Partnership	PAP: Addition of Raw Water Pump							\$122,400		\$620,100	\$742,500	
	PAP: Potassium Permanganate Feed System							\$15,000			\$15,000	
	<b>SUB-TOTAL</b>							<b>\$137,400</b>		<b>\$620,100</b>	<b>\$757,500</b>	
<i>* NOTE: Water Department System Improvements to be financed by bond sale</i>												
FUND TOTALS	General Fund	\$840,040										\$840,040
	Major Streets		\$545,000									\$545,000
	Local Streets			\$350,000								\$350,000
	Parking				\$67,500							\$67,500
	Airport					\$0						\$0
	WWTP Enterprise Fund						\$18,942,000					\$18,942,000
	Water Enterprise Fund						\$1,159,000					\$1,159,000
	Partnership Reserves							\$137,400				\$137,400
	Add / Alt Funding								\$1,674,500			\$1,674,500
	Prior Funding									\$28,659,847		\$28,659,847
<b>TOTAL PROJECT COSTS</b>	<b>\$840,040</b>	<b>\$545,000</b>	<b>\$350,000</b>	<b>\$67,500</b>	<b>\$0</b>	<b>\$20,101,000</b>	<b>\$137,400</b>	<b>\$1,674,500</b>	<b>\$28,659,847</b>	<b>\$52,375,287</b>		
Add / Alt Funding Source Key:	(1) Grants	\$167,500										
	(2) Technology Fund/Information Systems Fund	\$260,000					\$405,000					
	(3) CDBG Funds	\$150,000										
	(4) Monroe County Self-Help Fund											
	(5) Federal Urban Area Funds											
	(6) Assessments	\$157,000										
	(7) Economic Development Fund											
	(8) Funded in Prior Year											
	(9) Parking Fund											
	(10) Refuse Fund							\$150,000				
(11) State	\$375,000						\$10,000					
<b>TOTAL ALTERNATE/ADDITIONAL FUNDING</b>	<b>\$1,674,500</b>											
<b>Prepared: 12.21.2011</b>												

**CITY OF MONROE, MICHIGAN**  
**2012-2018 CAPITAL IMPROVEMENTS PROGRAM BUDGET**

**ALCC**

<b>Project Title</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>Prior Funding</b>	<b>Total</b>
Building Renovations	\$150,000	\$150,000	\$150,000	\$100,000				\$550,000
Concrete Plaza Area Repair and Restoration				\$60,000				\$60,000
<b>TOTALS</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$160,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$610,000</b>



CAPITAL IMPROVEMENTS PROGRAM BUDGET WORKSHEET  
2013/2018  
Future Project Request Sheet

Please identify future projects that will require funding through the Capital Improvements Program Budget. Anticipated projects are to be shown in the year that the request will originate, as well as subsequent years in which funding will be requested. Please provide a project name, brief description, and estimated costs.

Department Name: **Arthur Lesow Community Center**

<i>2013/2014 Project Description</i>	<b>Estimated Cost</b>
<b>Building Renovations</b> – Renovate existing space to optimize facility usage, to meet requirements of barrier free access, and to address areas that are presently considered to be code violations. Year 2 of project.	\$200,000
<b>2013 / 2014 Total: \$200,000</b>	
<i>2014/2015 Description</i>	
<b>Building Renovations</b> – Year 3 of project, if previously-provided funding is not adequate	\$125,000.00
<b>Concrete Plaza Area Repair and Renovation</b> – Renovate existing concrete plaza area, repair / replace existing walks and slabs, replace landscaping and site furnishings, replace and enhance site lighting and monument and directional signs.	\$60,000.00
<b>2014 / 2015 Total: \$185,000.00</b>	
<i>2015/16 Description</i>	
<b>2015 / 2016 Total: \$0</b>	
<i>2016/17 Description</i>	
<b>2016 / 2017 Total: \$0</b>	
<i>2017/18 Description</i>	
<b>2017 / 2018 Total \$0</b>	





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Department Name: Building / Economic and Community Development

<i>2013 / 2014 Project Description</i>	<b>Estimated Cost</b>
Retaining wall rehabilitation on north and east sides of City Hall	TBD
	<b>2013 / 2014 Total:</b> TBD
<i>2014 / 2015 Project Description</i>	
	<b>2014 / 2015 Total</b>
<i>2015 / 2016 Description</i>	
	<b>2015 / 2016 Total</b>
<i>2016 / 2017 Description</i>	
	<b>2016 / 2017 Total</b>
<i>2017 / 2018 Description</i>	
	<b>2017 / 2018 Total</b>

**CITY OF MONROE, MICHIGAN**  
**2012-2018 CAPITAL IMPROVEMENTS PROGRAM BUDGET**

**DPS/Parks**

<b>Project Title</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>Prior Funding</b>	<b>Total</b>
Munson Park Entrance Resurfacing	\$35,000							\$35,000
Veterans Park Restroom Rehabilitation	\$10,000							\$10,000
Memorial Park/Kentucky Memorial Site Improvement	\$25,000							\$25,000
Sterling Island Bridge & Approach Rehabilitation	\$10,000							\$10,000
Play Equipment Replacement	\$50,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000		\$175,000
Munson Park Restroom Rehabilitation		\$40,000						\$40,000
Munson Park Ball Diamond Drainage Improvements		\$20,000						\$20,000
St. Mary's Park Band Shell Rehabilitation		\$35,000						\$35,000
Plum Creek Park Site Improvements		\$25,000						\$25,000
Munson Park Ball Diamond Parking Lot Resurfacing			\$100,000					\$100,000
Munson Park Rear Parking Lot Paving			\$50,000					\$50,000
Altrusa Park Stairs Installation, Stage Rehabilitation			\$25,000					\$25,000
St. Mary's Park Tennis Court Resurfacing			\$30,000					\$30,000
North Custer Road Bicycle Path Resurfacing			\$300,000					\$300,000
Munson Park Ball Diamond Fencing Replacement				\$12,000				\$12,000
Portable Toilet Enclosures Installation				\$15,000				\$15,000
Hellenberg Field Restroom Rehabilitation				\$10,000				\$10,000
Munson Park Play Structure Rehabilitation				\$15,000				\$15,000
Mill Race Park Kayak / Canoe Launch and Access				\$75,000				\$75,000
Park Signage Replacement - Various Parks					\$20,000	\$20,000		\$40,000
Soldiers & Sailors Park Tennis Court Resurfacing					\$60,000			\$60,000
<b>TOTALS</b>	<b>\$130,000</b>	<b>\$145,000</b>	<b>\$530,000</b>	<b>\$152,000</b>	<b>\$105,000</b>	<b>\$45,000</b>	<b>\$0</b>	<b>\$1,107,000</b>



CAPITAL IMPROVEMENTS PROGRAM BUDGET WORKSHEET  
2013 / 2018  
Future Project Request Sheet

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Department Name: **DPS/Parks**

<i>2013 / 2014 Project Description</i>	<b>Estimated Cost</b>
Drainage improvements around baseball fields and adjacent parking lots at Munson Park	\$20,000.00
Rehabilitate Band Shelter at St. Mary's Park- Roof, painting and storage area improvements	\$35,000.00
Site Improvements at Plum Creek Park- Structure rehabilitation, court resurfacing and sidewalk extensions	\$25,000.00
Replacement of Play Equipment- Various Parks	\$25,000.00
<b>2013 / 2014 Total: \$105,000.00</b>	
<i>2014 / 2015 Project Description</i>	
Replacement of Play Equipment – Various Parks	\$25,000.00
Resurface asphalt parking lot at Munson Park baseball fields	\$100,000.00
Reconfigure and resurface gravel parking lots at Munson Park	\$50,000.00
Site improvements at Altrusa Park- Stairs to Riverwalk, stage rehabilitation	\$25,000.00
Resurfacing of St. Mary's Park tennis courts	\$30,000.00
Resurfacing of N. Custer Bike Path	\$300,000.00
<b>2014 / 2015 Total: \$530,000.00</b>	
<i>2015 / 2016 Description</i>	
Replace cyclone fencing mesh around baseball fields at Munson Park	\$12,000.00
Install portable toilet enclosures at Soldiers and Sailor's Park and Munson Park	\$15,000.00
Rehabilitate restrooms at Hellenberg Field boat launch	\$10,000.00
Rehabilitate large play structure at Munson Park	\$15,000.00
Replacement of Play Equipment- Various Parks	\$25,000.00
Install access drive, pathway and kayak/canoe launch at Mill Race Park	\$75,000.00
<b>2015 / 2016 Total: \$152,000.00</b>	
<i>2016 / 2017 Description</i>	
Replacement of signage at City parks (50%)	\$20,000.00
Replacement of Play Equipment- Various Parks	\$25,000.00
Resurfacing Soldiers and Sailors Park tennis courts	\$60,000.00
<b>2016 / 2017 Total: \$105,000.00</b>	
<i>2017 / 2018 Description</i>	
Replacement of signage at City parks (50%)	\$20,000.00
Replacement of Play Equipment- Various Parks	\$25,000.00
<b>2017 / 2018 Total: \$45,000.00</b>	

**CITY OF MONROE, MICHIGAN**  
**2012-2018 CAPITAL IMPROVEMENTS PROGRAM BUDGET**

**Engineering / Streets**

Project Title	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Prior Funding	Total
Detroit Reconstruction - Mill to N. Dixie Hwy.	\$1,300,000						\$50,000	\$1,350,000
N. Dixie Resurfacing - Elm to Spaulding	\$25,000	\$525,000						\$550,000
Franklin Reconstruction - Kentucky to Winchester	\$167,500							\$167,500
Noble Reconstruction -Theadore to Telegraph	\$330,000							\$330,000
Cass Resurfacing - City line to Third	\$130,000							\$130,000
Borgess Improvements - Sylvan to Stedman	\$40,000							\$40,000
O'Brien Reconstruction - full length	\$290,290						\$9,710	\$300,000
E. Lorain Drain Crossing at Mason Run	\$150,000							\$150,000
Lavender Reconstruction - Calkins to Hendricks	\$335,000							\$335,000
Roessler Bridge Rehabilitation		\$1,250,000						\$1,250,000
Union Resurfacing - Eighth to Sixth		\$45,000						\$45,000
W. Sixth Resurfacing - Union to Smith		\$105,000						\$105,000
E. Fifth Resurfacing - Monroe to Scott		\$70,000						\$70,000
Western Ave. Resurfacing-Winston to Custer Ct.		\$205,000						\$205,000
Western Ct. Resurfacing		\$30,000						\$30,000
Huron Resurfacing - Western to W of Winston		\$100,000						\$100,000
Winston Ct. Resurfacing		\$30,000						\$30,000
Stockton Resurfacing - full length		\$105,000						\$105,000
E. Noble Resurfacing - Monroe to Michigan		\$25,000	\$150,000					\$175,000
E. Noble - Raise grade - Michigan to Railroad		\$25,000	\$200,000					\$225,000
N. Macomb Resurfacing - Elm to Grove		\$25,000	\$150,000					\$175,000
Riverview Spot Reconstruct. - Oakwood to Cole		\$10,000	\$70,000					\$80,000
E. Sixth Resurfacing - Monroe to Scott			\$155,000					\$155,000
E. Second Resurfacing - Monroe to Wash.			\$85,000					\$85,000
Stone Resurfacing - US-24 to Front			\$225,000					\$225,000
Jefferson Ct. Resurfacing - Western to Huron			\$105,000					\$105,000
Sackett Resurfacing - Noble to Lorain			\$100,000					\$100,000
E. Third Resurfacing - Scott to Winchester			\$25,000	\$525,000				\$550,000
Toll Reconstruction - Lorain to Roessler				\$565,000				\$565,000
S. Roessler Reconstruction - Fifth to dead end				\$65,000				\$65,000
Kentucky Reconstruction - Sixth to Third				\$25,000	\$200,000			\$225,000
E. Third Resurfacing - Monroe to Scott				\$25,000	\$150,000			\$175,000
Harrison Reconstruction - Fourth to Eighth					\$315,000			\$315,000
W. Lorain Reconstruction - John Rolfe to US-24					\$350,000			\$350,000
John L Resurfacing - N. Roessler to Calgary						\$285,000		\$285,000
<b>TOTALS</b>	<b>\$2,767,790</b>	<b>\$2,550,000</b>	<b>\$1,265,000</b>	<b>\$1,205,000</b>	<b>\$1,015,000</b>	<b>\$285,000</b>	<b>\$59,710</b>	<b>\$9,147,500</b>



CAPITAL IMPROVEMENTS PROGRAM BUDGET WORKSHEET  
2013 / 2018  
Future Project Request Sheet

Please identify future projects that will require funding through the Capital Improvements Program Budget. Anticipated projects are to be shown in the year that the request will originate, as well as subsequent years in which funding will be requested. Please provide a project name, brief description, and estimated costs.

Department Name: **Engineering - Streets**

<i>2013 / 2014 Project Description</i>	<b>Estimated Cost</b>
<b>North Dixie Highway Resurfacing</b> – Elm to Spaulding – 3" milling and resurfacing, spot curb replacement. Federal Aid 2013 project, design funding in FY 12-13, construction funding in FY 13-14.	\$525,000
<b>Roessler Bridge Rehabilitation</b> – Repair and supplemental support of beam ends at both abutments and all intermediate piers, other minor work as needed.	\$1,250,000
<b>Union Street Resurfacing</b> – Eighth to Sixth – Spot curb replacement, 3" milling and resurfacing.	\$45,000
<b>West Sixth Street Resurfacing</b> – Union to Smith – Spot curb replacement, 3" milling and resurfacing.	\$105,000
<b>East Fifth Street Resurfacing</b> – Monroe to Scott – Spot curb replacement, 1-1/2" milling and resurfacing.	\$70,000
<b>Western Avenue Resurfacing</b> – Winston Drive to Custer Court – Replacement of all curbs, 3" milling and resurfacing.	\$205,000
<b>Western Court Resurfacing</b> – full length – Replacement of all curbs, 3" milling and resurfacing.	\$30,000
<b>Huron Street Resurfacing</b> – Western Avenue to plat line west of Winston Drive – Replacement of all curbs, 3" milling and resurfacing.	\$100,000
<b>Winston Court Resurfacing</b> – full length - Replacement of all curbs, 3" milling and resurfacing.	\$30,000
<b>Stockton Drive Resurfacing</b> – full length – Spot curb replacement, milling, and resurfacing	\$105,000
<b>East Noble Avenue Resurfacing</b> – Monroe to Michigan – Spot curb replacement, 3" milling and resurfacing. Federal Aid 2014 project, design in FY 13-14, construction in FY 14-15.	\$25,000
<b>East Noble Avenue Reconstruction</b> – Michigan to N.S. Railroad – Raise grade by approximately 1 foot to allow Mason Run subdivision streets to connect at grade due to previous utility structure conflicts. Federal Aid 2014 project, design in FY 13-14, construction in FY 14-15.	\$25,000
<b>North Macomb Street Resurfacing</b> – Elm to Grove – Spot curb replacement, 3" milling and resurfacing. Federal Aid 2014 project, design in FY 13-14, construction in FY 14-15.	\$25,000
<b>Riverview Avenue Spot Reconstruction</b> – Oakwood to Cole – Reconstruction of spot areas of concrete roadway, replacement with 8" concrete. Federal Aid 2014 project, design in FY 13-14, construction in FY 14-15.	\$10,000
	<b>2013 / 2014 Total \$2,550,000</b>

<i>2014 / 2015 Project Description</i>	
<b>East Noble Avenue Resurfacing</b> – Monroe to Michigan – Construction using Monroe Urban Area Federal Funds	\$150,000
<b>East Noble Avenue Reconstruction</b> – Construction using Monroe Urban Area Federal Funds	\$200,000
<b>North Macomb Street Resurfacing</b> – Elm to Grove – Construction using Monroe Urban Area Funds	\$150,000
<b>Riverview Avenue Spot Reconstruction</b> – Oakwood to Cole – Construction using Monroe Urban Area Funds	\$70,000
<b>East Sixth Street Resurfacing</b> – Monroe to Scott – Replacement of all curbs, 3" milling and resurfacing.	\$155,000
<b>East Second Street Resurfacing</b> – Monroe to Washington - Spot curb replacement, 3" milling and resurfacing.	\$85,000
<b>Stone Street Resurfacing</b> – Telegraph to Front – 3" milling and resurfacing, replacement of most curb and gutter.	\$225,000
<b>Jefferson Court Resurfacing</b> – Western to Huron – Replacement of all curbs, 3" milling and resurfacing	\$105,000
<b>Sackett Avenue Resurfacing</b> – Noble to Lorain – Replacement of all curbs, 3" milling and resurfacing.	\$100,000
<b>East Third Street Resurfacing</b> – Scott to Winchester – Replacement of all curbs, 3" milling and resurfacing. Federal Aid 2015 project, design in FY 14-15, construction in FY 15-16.	\$25,000
	<b>2014 / 2015 Total: \$1,265,000</b>
<i>2015 / 2016 Description</i>	
<b>East Third Street Resurfacing</b> – Scott to Winchester – Construction using Monroe Urban Area Federal Funds	\$525,000
<b>Toll Street Reconstruction</b> – Lorain to Roessler – Reconstruction of existing pavement, installation of 8" concrete	\$565,000
<b>South Roessler Street Reconstruction</b> – Fifth Street to cul-de-sac south – Reconstruction of existing pavement, installation of 8" concrete	\$65,000
<b>Kentucky Avenue Reconstruction</b> – Sixth to Third – Reconstruction of existing pavement, installation of 8" concrete. Federal Aid 2016 project, design in FY 15-16, construction in FY 16-17.	\$25,000
<b>East Third Street</b> – Monroe to Scott – Replacement of most curbs, 3" milling and resurfacing. Federal Aid 2016 project, design in FY 15-16, construction in FY 16-17.	\$25,000
	<b>2015 / 2016 Total: \$1,205,000</b>
<i>2016 / 2017 Description</i>	
<b>Kentucky Avenue Reconstruction</b> – Sixth to Third – Construction using Monroe Urban Area Federal Funds	\$200,000
<b>East Third Street</b> – Monroe to Scott – Construction using Monroe Urban Area Federal Funds	\$150,000
<b>Harrison Street Reconstruction</b> – Eighth to Fourth – Reconstruction of existing pavement, installation of 8" concrete.	\$315,000
<b>West Lorain Street Reconstruction</b> – John Rolfe Drive to Telegraph Road – Reconstruction of existing pavement, installation of 8" concrete.	\$350,000
	<b>2016 / 2017 Total: \$1,015,000</b>
<i>2017 / 2018 Description</i>	
<b>John L Drive Resurfacing</b> – full length – Replacement of all curbs, 3" milling and resurfacing	\$285,000
	<b>2017 / 2018 Total: \$285,000</b>

**CITY OF MONROE, MICHIGAN**  
**2012-2018 CAPITAL IMPROVEMENTS PROGRAM BUDGET**

**Engineering / Infrastructure**

<b>Project Title</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>Prior Funding</b>	<b>Total</b>
Sidewalk Replacement Program	\$120,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000		\$745,000
Alley Reconstruction - Various Locations	\$150,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		\$400,000
South Macomb Street Parking Lot Resurfacing*							\$67,500	\$67,500
Storm Sewers	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$55,000	\$205,000
N. Dixie Sidewalk Installation - Detroit to Ternes	\$50,000							\$50,000
River Raisin Heritage Trail Ext. / Trail Heads		\$25,000	\$25,000	\$25,000	\$25,000	\$25,000		\$125,000
<b>TOTALS</b>	<b>\$345,000</b>	<b>\$225,000</b>	<b>\$225,000</b>	<b>\$225,000</b>	<b>\$225,000</b>	<b>\$225,000</b>	<b>\$122,500</b>	<b>\$1,592,500</b>



CAPITAL IMPROVEMENTS PROGRAM BUDGET WORKSHEET  
2013 / 2018  
Future Project Request Sheet

Please identify future projects that will require funding through the Capital Improvements Program Budget. Anticipated projects are to be shown in the year that the request will originate, as well as subsequent years in which funding will be requested. Please provide a project name, brief description, and estimated costs.

Department Name: **Engineering - Infrastructure**

<i>2013 / 2014 Project Description</i>	<b>Estimated Cost</b>
<b>Sidewalk Replacement Program</b> – annual program for replacement of sidewalks in targeted area, City is generally on 8-year cycle, property owners pay for maintenance of their walks, City is responsible for tree damage and 50/50 split on utility service trenches. Proposed program area for FY 13-14 would be north of the River, east on Monroe Street, west of Riverview Avenue	\$125,000
<b>Alley Reconstruction</b> – annual program for paving of unimproved alleys in conjunction with Special Assessment districts as directed by City Council	\$50,000
<b>Storm Sewer Program</b> – annual program for replacement of existing storm sewers, installation of new sewers in locations lacking them, or local match of county drain projects	\$25,000
<b>River Raisin Heritage Trail Extensions / Trail Head Construction</b> – enhancements, improvements, extensions to the newly-delineated River Raisin Heritage Trail System intended to eventually connect Sterling State Park to Monroe County Community College and other points of interest throughout the community. First year's funding would be used to widen sidewalk along North Dixie Highway from Elm Avenue Monroe Multi-Sports Complex to create a "trail head" with parking and restrooms to promote usage of the trail.	\$25,000
<b>2013 / 2014 Total: \$225,000</b>	
<i>2014 / 2015 Description</i>	
<b>Sidewalk Replacement Program</b> – proposed program area would be north of the River, between North Roessler Street and North Monroe Street.	\$125,000
<b>Alley Reconstruction</b>	\$50,000
<b>Storm Sewer Program</b>	\$25,000
<b>River Raisin Heritage Trail Extensions / Trail Head Construction</b>	\$150,000
<b>2014 / 2015 Total: \$225,000</b>	
<i>2015 / 2016 Description</i>	
<b>Sidewalk Replacement Program</b> – proposed program area would be north of the River, between North Roessler Street and the City line west of Riverside Manor	\$125,000
<b>Alley Reconstruction</b>	\$50,000
<b>Storm Sewer Program</b>	\$25,000
<b>River Raisin Heritage Trail Extensions / Trail Head Construction</b>	\$25,000
<b>2015 / 2016 Total: \$225,000</b>	

<i>2016 / 2017 Description</i>	
<b>Sidewalk Replacement Program</b> – proposed program area would be north of the River (Frenchman's Bend area) and south of the River, west of South Telegraph Road.	\$125,000
<b>Alley Reconstruction</b>	\$50,000
<b>Storm Sewer Program</b>	\$25,000
<b>River Raisin Heritage Trail Extensions / Trail Head Construction</b>	\$25,000
	<b>2016 / 2017 Total: \$225,000</b>
<i>2017 / 2018 Description</i>	
<b>Sidewalk Replacement Program</b> – proposed program area would be south of the River, between South Telegraph Road and South Monroe Street	\$125,000
<b>Alley Reconstruction</b>	\$50,000
<b>Storm Sewer Program</b>	\$25,000
<b>River Raisin Heritage Trail Extensions / Trail Head Construction</b>	\$25,000
	<b>2017 / 2018 Total: \$225,000</b>

**CITY OF MONROE, MICHIGAN  
2012-2018 CAPITAL IMPROVEMENTS PROGRAM BUDGET**

**Fire Department**

Project Title	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Prior Funding	Total
Public Safety Building/Central Fire Station Needs Study	\$20,000							\$20,000
Design for Public Safety Building/Central Fire Station		TBD						TBD
Construction of Public Safety Building/Central Fire Station			\$5,000,000					\$5,000,000
<b>TOTALS</b>	<b>\$20,000</b>	<b>TBD</b>	<b>\$5,000,000</b>					<b>\$5,020,000</b>

NOTE: Please total all columns and rows



CAPITAL IMPROVEMENTS PROGRAM BUDGET WORKSHEET  
2013 / 2018  
Future Project Request Sheet

Please identify future projects that will require funding through the Capital Improvements Program Budget. Anticipated projects are to be shown in the year that the request will originate, as well as subsequent years in which funding will be requested. Please provide a project name, brief description, and estimated costs.

Department Name: **Fire Department**

<i>2013 / 2014 Project Description</i>	<b>Estimated Cost</b>
Preliminary design and possible land acquisition for a new Public Safety Building / Central Fire Station based on the facility needs analysis	TBD
	<b>2013 / 2014 Total</b>
<i>2014 / 2015 Project Description</i>	
Construction of a new Public Safety Building / Central Fire Station	\$5,000,000
	<b>2014 / 2015 Total</b>
<i>2015 / 2016 Description</i>	
	<b>2015 / 2016 Total</b>
<i>2016 / 2017 Description</i>	
	<b>2016 / 2017 Total</b>
<i>2017 / 2018 Description</i>	
	<b>2017 / 2018 Total</b>

**CITY OF MONROE, MICHIGAN**  
**2012-2018 CAPITAL IMPROVEMENTS PROGRAM BUDGET**

**Info Tech**

Project Title	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Prior Funding	Total
Telephone System and Network Upgrade	\$260,000						\$0	\$260,000
Purchase licenses for latest version of Microsoft Office		\$75,000					\$0	\$75,000
Network Server Virtualization		\$50,000					\$0	\$50,000
Computer Refresh - 40 units per year				\$40,000	\$40,000	\$40,000	\$0	\$120,000
<b>TOTALS</b>	<b>\$260,000</b>	<b>\$125,000</b>	<b>\$0</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$0</b>	<b>\$505,000</b>

*NOTE:* Please total all columns and rows



CAPITAL IMPROVEMENTS PROGRAM BUDGET WORKSHEET  
 2013 / 2018  
 Future Project Request Sheet

Please identify future projects that will require funding through the Capital Improvements Program Budget. Anticipated projects are to be shown in the year that the request will originate, as well as subsequent years in which funding will be requested. Please provide a project name, brief description, and estimated costs.

Department Name: **Info Tech**

<i>2013 / 2014 Project Description</i>	<b>Estimated Cost</b>
Purchase latest version of Microsoft Office @ approx. 150 licenses	\$75,000
Network Server Virtualization	\$50,000
	<b>2013 / 2014 Total</b>
<i>2014 / 2015 Project Description</i>	
	<b>2014 / 2015 Total</b>
<i>2015 / 2016 Description</i>	
Computer Refresh – 40 units	\$40,000
	<b>2015 / 2016 Total</b>
<i>2016 / 2017 Description</i>	
Computer Refresh – 40 units	\$40,000
	<b>2016 / 2017 Total</b>
<i>2017 / 2018 Description</i>	
Computer Refresh – 40 units	\$40,000
	<b>2017 / 2018 Total</b>

**CITY OF MONROE, MICHIGAN  
2012-2018 CAPITAL IMPROVEMENTS PROGRAM BUDGET**

**MCLS**

Project Title	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Prior Funding	Total
Dorsch- Door Frame and Canopy Replacement	\$10,000							\$10,000
Navarre Window Replacement and Blinds		TBD						\$0
Dorsch Library Furniture		\$195,675						
<b>TOTALS</b>	<b>\$10,000</b>	<b>\$195,675</b>						

*NOTE* : Please total all columns and rows



CAPITAL IMPROVEMENTS PROGRAM BUDGET WORKSHEET  
2013 / 2018  
Future Project Request Sheet

Please identify future projects that will require funding through the Capital Improvements Program Budget. Anticipated projects are to be shown in the year that the request will originate, as well as subsequent years in which funding will be requested. Please provide a project name, brief description, and estimated costs.

**Monroe County Library System**

<i>2013 / 2014 Project Description</i>	<b>Estimated Cost</b>
Navarre Branch Library—window replacement and blind/shades	Unknown. Will seek estimates for next year's CIP request.
Dorsch Library furniture—previously requested	\$195,675
	<b>2013 / 2014 Total</b>
<i>2014 / 2015 Project Description</i>	
	<b>2014 / 2015 Total</b>
<i>2015 / 2016 Description</i>	
	<b>2015 / 2016 Total</b>
<i>2016 / 2017 Description</i>	
	<b>2016 / 2017 Total</b>
<i>2017 / 2018 Description</i>	
	<b>2017 / 2018 Total</b>

**CITY OF MONROE, MICHIGAN  
2012-2018 CAPITAL IMPROVEMENTS PROGRAM BUDGET**

**Multi-Sports**

<b>Project Title</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>Prior Funding</b>	<b>Total</b>
Upgrade Lighting	\$20,000						\$0	\$20,000
Replace Compressor #2 Motor	\$15,000						\$0	\$15,000
Hot Water Boiler System		\$25,000					\$0	\$25,000
Bounce Mania Replacements		\$35,000					\$0	\$35,000
Computer System Upgrades			\$15,000				\$0	\$15,000
Replace Soccer Field Turf			\$51,000				\$0	\$51,000
Replace Ice Resurfacer				\$100,000			\$0	\$100,000
<b>TOTALS</b>	<b>\$35,000</b>	<b>\$60,000</b>	<b>\$66,000</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$261,000</b>

*NOTE* : Please total all columns and rows



CAPITAL IMPROVEMENTS PROGRAM BUDGET WORKSHEET  
2013 / 2018  
Future Project Request Sheet

Please identify future projects that will require funding through the Capital Improvements Program Budget. Anticipated projects are to be shown in the year that the request will originate, as well as subsequent years in which funding will be requested. Please provide a project name, brief description, and estimated costs.

Department Name: **Monroe Multi-Sports Complex**

<i>2013 / 2014 Project Description</i>	<b>Estimated Cost</b>
Hot Water Boiler System	\$25,000.00
Bounce Mania Replacements	\$35,000.00
	<b>2013 / 2014 Total \$60,000.00</b>
<i>2014 / 2015 Project Description</i>	
Computer System Upgrades (Network, Office Computers)	\$15,000.00
Turf for Soccer Field	\$51,000.00
	<b>2014 / 2015 Total \$66,000.00</b>
<i>2015 / 2016 Description</i>	
Ice Resurfacers	\$100,000.00
	<b>2015 / 2016 Total \$100,000.00</b>
<i>2016 / 2017 Description</i>	
	<b>2016 / 2017 Total</b>
<i>2017 / 2018 Description</i>	
	<b>2017 / 2018 Total</b>

**CITY OF MONROE, MICHIGAN  
2012-2018 CAPITAL IMPROVEMENTS PROGRAM BUDGET**

**Wastewater**

Project Title	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Prior Funding	Total
Wastewater Treatment Plant Improvements-Phase III*	\$18,000,000						\$23,315,244	\$41,315,244
Sanitary Sewer System Rehabilitation / Replacement	\$370,000	\$205,000	\$265,000	\$195,000	\$470,000	\$200,000	\$4,371,543	\$6,076,543
Raisinville North & South and Lavender North Pump Station Electrical Service Improvements	\$55,000							\$55,000
Primary and Pump Station Well Bubbler Line Replacements	\$80,000							\$80,000
South Monroe Pump Station Control Panel	\$30,000							\$30,000
Boiler Replacement - Wastewater Plant Secondary System	\$75,000							\$75,000
Sludge Handling System - Air Cooling Equipment Replacement	\$20,000							\$20,000
Boiler System Rehabilitation - Wastewater Plant Primary Side	\$150,000							\$150,000
Flow Proportional Sampler Replacement	\$15,000							\$15,000
Disinfection System Cover	\$85,000							\$85,000
Chemical Storage Structure	\$12,000							\$12,000
GIS-Wastewater System	\$50,000							\$50,000
Sunset Pump Replacements		\$150,000						\$150,000
Lavender South Pump Station Rehabilitation		\$140,000						\$140,000
Collection System Dump Truck Replacement		\$90,000						\$90,000
Back-up Main Auger Rebuild		\$15,000						\$15,000
Detroit Beach Pump Replacement			\$125,000					\$125,000
Stony Point #1 Pump Station Rehabilitation			\$135,000					\$135,000
Lime System Rehabilitation			\$75,000					\$75,000
Stony Point #2 Pump Station Rehabilitation				\$135,000				\$135,000
Ravenwood Pump Station Rehabilitation				\$135,000				\$135,000
Keegan Pump Station Rehabilitation				\$135,000				\$135,000
Laboratory Rehabilitation					\$50,000			\$50,000
Collection System TV Truck Replacement					\$100,000			\$100,000
Stony Point #4 Pump Station Rehabilitation					\$180,000			\$180,000
Sludge Handling Equipment						\$750,000		\$750,000
<b>TOTALS</b>	<b>\$18,942,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$800,000</b>	<b>\$950,000</b>	<b>\$27,686,787</b>	<b>\$50,178,787</b>

\*Funding through MDEQ SRF



CAPITAL IMPROVEMENTS PROGRAM BUDGET WORKSHEET  
2013 / 2018  
Future Project Request Sheet

Please identify future projects that will require funding through the Capital Improvements Program Budget. Anticipated projects are to be shown in the year that the request will originate, as well as subsequent years in which funding will be requested. Please provide a project name, brief description, and estimated costs.

Department Name: **Wastewater Department**

<i>2013 / 2014 Project Description</i>	<b>Estimated Cost</b>
Sanitary Sewer Replacement/Rehabilitation (Includes replacement / rehabilitation)	\$205,000
Sunset Pump Replacement (2 new pumps and pump controls)	\$150,000
Lavender South Pump Station Rehabilitation (upgrade pump station to current standards)	\$140,000
Collection System Dump Truck Replacement	\$90,000
Back-up Main Auger Rebuild (rehabilitate plant main auger backup unit)	\$15,000
<b>2013 / 2014 Total \$600,000</b>	
<i>2014 / 2015 Project Description</i>	
Sanitary Sewer Replacement/Rehabilitation (Includes replacement / rehabilitation)	\$265,000
Detroit Beach Pump Replacement ( 2 new pumps and controls)	\$125,000
Stony Point #1 Pump Station Rehabilitation (upgrade pump station to current standards)	\$135,000
Lime System Rehabilitation (rehabilitate lime delivery system)	\$75,000
<b>2014 / 2015 Total \$600,000</b>	
<i>2015 / 2016 Description</i>	
Sanitary Sewer Replacement/Rehabilitation (Includes replacement / rehabilitation)	\$195,000
Stony Point #2 Pump Station Rehabilitation (upgrade pump station to current standards)	\$135,000
Ravenwood Pump Station Rehabilitation (upgrade pump station to current standards)	\$135,000
Keegan Pump Station Rehabilitation (upgrade pump station to current standards)	\$135,000
<b>2015 / 2016 Total \$600,000</b>	
<i>2016 / 2017 Description</i>	
Sanitary Sewer Replacement/Rehabilitation(Includes replacement / rehabilitation)	\$470,000
Laboratory Rehabilitation (rehabilitate laboratory function/equipment)	\$50,000
Collection System TV Truck Replacement	\$100,000
Stony Point #4 Pump Station Rehabilitation (upgrade pump station to current standards)	\$180,000
<b>2016 / 2017 Total \$800,000</b>	
<i>2017 / 2018 Description</i>	
Sanitary Sewer Replacement/Rehabilitation (Includes replacement / rehabilitation)	\$200,000
Sludge Handling Equipment (Replace one Centrifuge Unit)	\$750,000
<b>2017 / 2018 Total \$950,000</b>	

**CITY OF MONROE, MICHIGAN**  
**2012-2018 CAPITAL IMPROVEMENTS PROGRAM BUDGET**

**Water Distribution Division**

<b>Project Title</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-2018</b>	<b>Prior Funding</b>	<b>Total</b>
Cass St Water Main Replacement - South of City Line to Front	\$488,000							\$488,000
Franklin St Water Main Replacement - Kentucky to Winchester	\$56,000							\$56,000
Detroit Avenue Water Main Modifications - Mill to Dixie	\$105,000							\$105,000
Maybee Elevated Storage Tank Improvements	\$85,000							\$85,000
GIS-Water System & Services	\$150,000							\$150,000
Western Ave Water Main-Winston Ct to S. Custer		\$291,100						\$291,100
Huron St Water Main - Western to Jefferson Ct		\$50,000						\$50,000
Roessler St Water Main - River Crossing		\$112,500						\$112,500
E. Noble Ave Water Main Loop - Mason Run to E. of RR		\$177,500						\$177,500
Borgess Ave Water Main - S. Plat Line to Stedman		\$184,600						\$184,600
Borgess Ave Water Main - Ives to S. Plat Line		\$184,600						\$184,600
Distribution Service Truck Replacement		\$90,000						\$90,000
Stockton Dr Water Main - Borgess to Monroe			\$99,400					\$99,400
W. Maple Blvd Water Main - Linswood to North End			\$370,600					\$370,600
Kentucky Ave Water Main - First to Fourth			\$187,000					\$187,000
Conant Ave Water Main - Wood to Third			\$210,160					\$210,160
Jefferson Ct Water Main - Western to Huron			\$180,000					\$180,000
Smith St and Harrison St Water Main Loop				\$49,700				\$49,700
E. Third St Water Main - Scott to Winchester				\$100,000	\$281,980			\$381,980
E. Ninth Water Main - Reisig to Kentucky *				\$83,780				\$83,780
Arbor Ave Water Main - Linswood to Orchard				\$244,240				\$244,240
Linswood Ave Water Main - Riverview to Maple				\$83,780				\$83,780
Parkwood Ave Water Main - Hollywood to Maple				\$144,840				\$144,840
Scottwood Ave Water Main - Hollywood to Maple				\$144,840				\$144,840
Sylvan Dr Water Main - Borgess to Monroe				\$100,820				\$100,820
Stanford Dr Water Main - Borgess to Monroe				\$86,620				\$86,620
Standish Dr Water Main - Borgess to Monroe				\$58,220				\$58,220
Stedman Dr Water Main - Borgess to Monroe				\$34,080				\$34,080
Albain Rd Water Main - East & West of Keegan					\$306,000			\$306,000
Borgess Ave Water Main - Elm to Willow					\$85,200			\$85,200
Fern Court Water Main - Full Length					\$108,800			\$108,800
Toll/Roessler Rear Water Main-Elm to North of Noble					\$241,400			\$241,400
Excavator Replacement					\$70,000			\$70,000
Hollywood Dr - Elm to Maywood						\$576,520		\$576,520
Lorain & Monroe Intersection Water Main Replacement						\$40,000		\$40,000
Erie St Water Main - Western to Winston						\$90,000		\$90,000
Winston Dr-Winston Ct to S. Custer						\$340,800		\$340,800
<b>TOTALS</b>	<b>\$884,000</b>	<b>\$1,090,300</b>	<b>\$1,047,160</b>	<b>\$1,130,920</b>	<b>\$1,093,380</b>	<b>\$1,047,320</b>	<b>\$0</b>	<b>\$6,293,080</b>

\* Project to include a Special Assessment District



CAPITAL IMPROVEMENTS PROGRAM BUDGET WORKSHEET  
2013 / 2018  
Future Project Request Sheet

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Department Name: **Water Distribution**

<i>2013 / 2014 Project Description</i>	<b>Estimated Cost</b>
<b>Western Ave Water Main – Winston Ct. to S.Custer</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$291,100
<b>Huron St Water Main - Western to Jefferson Ct</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$50,000
<b>Roessler St. Water Main - River Crossing</b> (Replacement of existing 12" AC water main river crossing installed in 1935 with the bridge replacement project using a 12 inch diameter lined water main to provide system redundancy, reliability, capacity, pressure, water quality, and fire flow).	\$112,500
<b>E. Noble Ave Water Main Loop – Mason Run to E. of RR</b> (Install an 8 inch diameter lined water main to provide system redundancy, reliability, flow, pressure, water quality, and fire flow via creating loops with adjacent streets).	\$177,500
<b>Borgess Ave Water Main - S. Plat Line to Stedman</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$184,600
<b>Borgess Ave Water Main - Ives to S. Plat Line</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$184,600
<b>Distribution Service Truck Replacement</b> (Replacement of 2003 International Service Truck).	\$90,000
<b>2013 / 2014 Total \$1,090,300</b>	
<i>2014 / 2015 Project Description</i>	
<b>Stockton Dr Water Main - Borgess to Monroe</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow with the roadway project).	\$99,400
<b>W. Maple Blvd Water Main – Linswood to N. End</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$370,600
<b>Kentucky Ave Water Main - First to Fourth</b> (Replacement of the 12 inch diameter steel water main with a 20 inch diameter lined water main to improve system reliability and performance).	\$187,000
<b>Conant Ave Water Main - Wood to Third</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$210,160
<b>Jefferson Ct Water Main - Western to Huron</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$180,000
<b>2014 / 2015 Total \$1,047,160</b>	
<i>2015 / 2016 Description</i>	
<b>Smith and Harrison St Water Main Loop -</b> (Install 8 inch diameter lined water main to provide system redundancy, reliability, pressure, and water quality via creating a loop).	\$49,700

<b>E. Third St – Scott to Winchester</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$100,000
<b>E. Ninth St Water Main - Reisig to Kentucky</b> (Install a public 8 inch diameter water main to replace the private 2 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow via SAD).	\$83,780
<b>Arbor Ave Water Main - Linswood to Orchard</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$244,240
<b>Linswood Ave Water Main - Riverview to Maple</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$83,780
<b>Parkwood Ave Water Main - Hollywood to Maple</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$144,840
<b>Scottwood Ave Water Main - Hollywood to Maple</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$144,840
<b>Sylvan Dr Water Main - Borgess to Monroe</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$100,820
<b>Stanford Dr Water Main - Borgess to Monroe</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$86,620
<b>Standish Dr Water Main - Borgess to Monroe</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$58,220
<b>Stedman Dr Water Main - Borgess to Monroe</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$34,080
	<b>2015 / 2016 Total \$1,130,920</b>
<i>2016/2017 Description</i>	
<b>E. Third St – Scott to Winchester</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$281,980
<b>Albain Rd Water Main - East and West of Keegan</b> (Replacement or rehabilitation of the 12 inch diameter ductile water main to improve system reliability).	\$306,000
<b>Borgess Ave –Elm to Willow</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$85,200
<b>Fern Ct Water Main – Full Length</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$108,800
<b>Toll/Roessler Rear Water Main - Elm to N. of Noble</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$241,400
<b>Excavator Replacement</b> (Replacement of 2008 Excavator).	\$70,000
	<b>2016 / 2017 Total \$1,093,380</b>
<i>2017 / 2018 Description</i>	
<b>Hollywood Drive - Elm to Maywood</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$576,520
<b>Lorain and Monroe Street</b> (Replacement of 12 and 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$40,000
<b>Erie Street – Western to Winston</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$90,000
<b>Winston Drive – Winston Ct. to S.Custer</b> (Replacement of the 6 inch diameter unlined cast iron water main to improve system reliability, water quality, pressure, and fire flow).	\$340,800
	<b>2017 / 2018 Total \$1,047,320</b>

**CITY OF MONROE, MICHIGAN**  
**2012-2018 CAPITAL IMPROVEMENTS PROGRAM BUDGET**

**Water Filtration Division**

<b>Project Title</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>Prior Funding</b>	<b>Total</b>
Eng/Const-Motor Control Centers A-B-C Replacement	\$250,000	\$115,000					\$55,000	\$420,000
Ozone Injection System Upgrade	\$25,000	\$150,000	\$275,000	\$225,000	\$225,000	\$275,000	\$165,000	\$1,340,000
Boiler Room Roof		\$10,000						\$10,000
Stand-By Power Generator Rehabilitation/Replacement				\$50,000	\$50,000			\$100,000
South Custer Booster Station Service Area Upgrades-Phase II: Eng. & Const.							\$531,125	\$531,125
<b>TOTALS</b>	<b>\$275,000</b>	<b>\$275,000</b>	<b>\$275,000</b>	<b>\$275,000</b>	<b>\$275,000</b>	<b>\$275,000</b>	<b>\$751,125</b>	<b>\$2,401,125</b>



CAPITAL IMPROVEMENTS PROGRAM BUDGET WORKSHEET  
2013 / 2018  
Future Project Request Sheet

Please identify future projects that will require funding through the Capital Improvements Program Budget. Anticipated projects are to be shown in the year that the request will originate, as well as subsequent years in which funding will be requested. Please provide a project name, brief description, and estimated costs.

Department Name: **Water Filtration**

<i>2013 / 2014 Project Description</i>	<b>Estimated Cost</b>
<b>Motor Control Centers A-B-C Construction Phase I</b> (Replacement of obsolete electrical Motor Control Centers from the 1972 plant construction project).	\$115,000
<b>Ozone Injection System: Engineering &amp; Construction</b> (Engineering Design & installation of a new injection method for ozone).	\$150,000
<b>Boiler Room Roof</b> (Roof replacement with a Durolast membrane roofing system).	\$10,000
<b>2013 / 2014 Total</b>	<b>\$275,000</b>
<i>2014 / 2015 Description</i>	
<b>Ozone Injection System: Engineering &amp; Construction</b> (Engineering Design & installation of a new injection method for ozone).	\$275,000
<b>2014 / 2015 Total</b>	<b>\$275,000</b>
<i>2015 / 2016 Description</i>	
<b>Ozone Injection System: Engineering &amp; Construction</b> (Engineering Design & installation of a new injection method for ozone).	\$225,000
<b>Stand-by Power Generator Rehabilitation / Replacement</b> (Rehabilitation or replacement of two obsolete generators installed in 1979).	\$50,000
<b>2015 / 2016 Total</b>	<b>\$275,000</b>
<i>2016 / 2017 Description</i>	
<b>Ozone Injection System: Engineering &amp; Construction</b> (Engineering Design & installation of a new injection method for ozone).	\$225,000
<b>Stand-by Power Generator Rehabilitation / Replacement</b> (Rehabilitation or replacement of two obsolete generators installed in 1979).	\$50,000
<b>2016 / 2017 Total</b>	<b>\$275,000</b>
<i>2017 / 2018 Description</i>	
<b>Ozone Injection System: Engineering &amp; Construction</b> (Engineering Design & installation of a new injection method for ozone).	\$275,000
<b>2017 / 2018 Total</b>	<b>\$275,000</b>

**CITY OF MONROE, MICHIGAN**  
**2012-2018 CAPITAL IMPROVEMENTS PROGRAM BUDGET**

**Raw Water Partnership**

<b>Project Title</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>Prior Funding</b>	<b>Total</b>
PAP: Addition of Raw Water Pump	\$122,400	\$137,400	\$137,400				\$620,100	\$1,017,300
PAP: Potassium Permanganate Feed System	\$15,000						\$0	\$15,000
PAP: Motor and Variable Frequency Drive Upgrades				\$137,400	\$137,400	\$137,400	\$0	\$412,200
<b>TOTALS</b>	<b>\$137,400</b>	<b>\$137,400</b>	<b>\$137,400</b>	<b>\$137,400</b>	<b>\$137,400</b>	<b>\$137,400</b>	<b>\$620,100</b>	<b>\$1,444,500</b>



CAPITAL IMPROVEMENTS PROGRAM BUDGET WORKSHEET  
2013 / 2018  
Future Project Request Sheet

Please identify future projects that will require funding through the Capital Improvements Program Budget. Anticipated projects are to be shown in the year that the request will originate, as well as subsequent years in which funding will be requested. Please provide a project name, brief description, and estimated costs.

Department Name: **Raw Water Partnership**

<i>2013 / 2014 Project Description</i>	<b>Estimated Cost</b>
<b>P.A.P Addition of Raw Water Pump</b> (Funding allocation to install additional new raw water pump and appurtenances to match the filter plants treatment capacity).	\$137,400
<b>2012 / 2013 Total \$137,400</b>	
<i>2014 / 2015 Project Description</i>	
<b>P.A.P Addition of Raw Water Pump</b> (Funding allocation to install additional new raw water pump and appurtenances to match the filter plants treatment capacity).	\$137,400
<b>2013 / 2014 Total \$137,400</b>	
<i>2015 / 2016 Description</i>	
<b>P.A.P. Motor and Variable Frequency Drive Upgrades</b> (Funding allocation to install Variable Frequency Drive pumps/motors to assist in saving energy costs).	\$137,400
<b>2014 / 2015 Total \$137,400</b>	
<i>2016 / 2017 Description</i>	
<b>P.A.P. Motor and Variable Frequency Drive Upgrades</b> (Funding allocation to install Variable Frequency Drive pumps/motors to assist in saving energy costs).	\$137,400
<b>2015 / 2016 Total \$137,400</b>	
<i>2017 / 2018 Description</i>	
<b>P.A.P. Motor and Variable Frequency Drive Upgrades</b> (Funding allocation to install Variable Frequency Drive pumps/motors to assist in saving energy costs).	\$137,400
<b>2016 / 2017 Total \$137,400</b>	