

# City of Charlevoix 2015 - 2016 CITY BUDGET

## Capital Plan

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CITY OF CHARLEVOIX  
 2015-2016 CAPITAL BUDGET SUMMARY  
 December 30, 2014

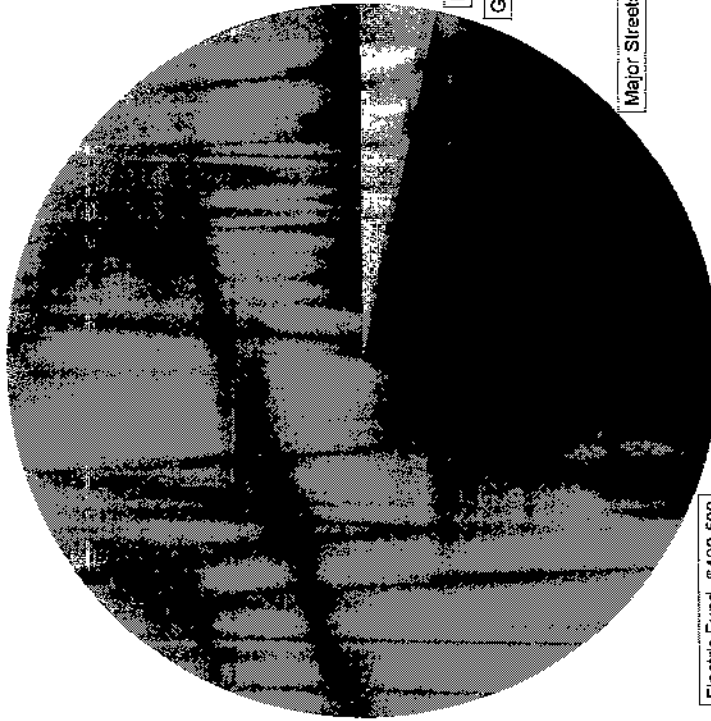
FUND	2015-2016 Budget	2016-17	2017-18	2018-19	2019-20	2020-21
General Fund	602,100	5245,000				
Major Streets	930,100					
Local Streets						
Airport	1,726,000					
Electric Fund	490,500	1,630,000	230,000	280,000	230,000	230,000
Sewer Fund	7,849,300	666,560	374,000	34,000	34,000	34,000
Water Fund	510,250	40,000				
Public Works Site Fund						
Motor Pool Fund	352,500	226,100	291,800	412,000	195,000	
Fire / Ambulance Replacement				35,000		400,000
PI#9 Industrial Park	76,500					
Future Infrastructure (PI #6 and PI #7)		206,100	699,000	446,000	369,000	1,441,000
<b>TOTAL:</b>	<b>\$12,837,250</b>	<b>\$9,013,760</b>	<b>\$1,594,800</b>	<b>\$1,207,000</b>	<b>\$628,000</b>	<b>\$2,105,000</b>

Last year's budgeted capital spending: 5,902,200

Note: This overall list of capital expenditures includes committed fund transfers in future years for all funds.

# Capital Spending 2015-2016 Budget

Total Capital Spending \$12,537,250



Sewer Fund, \$784,300

Water Fund, \$510,250

Motor Pool Fund, \$352,500

PI #9 Industrial Park, \$76,500

General Fund, \$602,100

Major Streets, \$930,100

Electric Fund, \$490,500

Airport Fund, \$1,726,000

**GENERAL FUND MISCELLANEOUS ACCOUNTS  
CAPITAL IMPROVEMENT PLAN**  
(All cost estimates in 2014 dollars)

Project/Item	Activity	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Lake to Lake Trail - Engineering & Construction	Parks	584,000					
Photocopier replacement (2)	City Hall & Grounds	18,100					
Chiller replacement	City Hall & Grounds		170,000				
Boiler replacement	City Hall & Grounds		75,000				
<b>Subtotal Capital:</b>		<b>602,100</b>	<b>245,000</b>	-	-	-	-
Transfer to Local Street Fund	Transfer	40,000	75,000	75,000	80,000	80,000	80,000
Transfer to Major Street Fund	Transfer	0	20,000	20,000	20,000	0	0
Transfer to Airport	Transfer	10,700	10,700	10,700	10,700	10,700	10,700
<b>Subtotal Transfers:</b>		<b>50,700</b>	<b>105,700</b>	<b>105,700</b>	<b>110,700</b>	<b>90,700</b>	<b>90,700</b>
<b>TOTALS:</b>		<b>\$ 662,800</b>	<b>\$ 350,700</b>	<b>\$ 105,700</b>	<b>\$ 110,700</b>	<b>\$ 90,700</b>	<b>\$ 90,700</b>

**Downtown Development Authority  
Debt Service Schedule**

Project	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Debt Retirement - Marina Project LTGO 2006 [1]	441,395	451,195	460,195	468,395	480,795	487,195	502,795
Library contribution for Debt Service	15,000	30,000	30,000	30,000	30,000	30,000	30,000
<b>TOTALS:</b>	<b>456,395</b>	<b>481,195</b>	<b>490,195</b>	<b>498,395</b>	<b>510,795</b>	<b>517,195</b>	<b>532,795</b>

[1] All bond payments for LTGO 2006 will be made from the Marina Fund, so the DDA will transfer the debt service less \$100,000 each year to the Marina Fund.

PI#1, Fire & Ambulance Capital Plan  
 December 29, 2014  
 (All cost estimates in 2014 dollars)

Item	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Ford Expedition (2004)				35,000		
New Tanker Truck T-12 (1999)						
Aerial Ladder truck Sulphen (1994)						
Engine #2 (1965) 2000 gpm engine						400,000
Rescue #21 (1980) rescue truck						
Tanker #11 (1974) 3500 gallons						
Ambulance A2 (2004)						
Ambulance A3 Ford (2002)						
Engine #1 (1994) 3D E-1						
Ambulance A1 Chevy (1994)						
<b>TOTALS - EXPENSE:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35,000</b>	<b>0</b>	<b>400,000</b>
Fund balance previous year	14,669	91,169	169,169	248,769	294,969	377,769
Motor Pool contribution + inflation ***	76,500	78,000	79,600	81,200	82,800	84,500
Total funds available	91,169	169,169	248,769	329,969	377,769	462,269
<b>CASH BALANCE</b>	<b>91,169</b>	<b>169,169</b>	<b>248,769</b>	<b>294,969</b>	<b>377,769</b>	<b>62,269</b>

\*\*\* assumes 2% increase in contributions each year

**PI#6, Infrastructure Capital Plan**  
 December 29, 2014  
 (All cost estimates in 2014 dollars)

Construction Year	Project	Estimated Cost Infrastructure	Cash Balance Prior Yr	Millage Income + Interest	Total Income + Fund Bal.	Cash Balance Yr End
						361,246
2015-16 *	Lake to Lake Trail Construction	116,600				
	State Street Project	442,600				
	Airport Apron Rehabilitation	86,300				
	Engineering for 2016-17 Projects	50,000				
	Pine River Lane Water Upgrade	8,100				
2015-16 *	<b>TOTAL:</b>	<b>703,600</b>	<b>361,246</b>	<b>451,000</b>	<b>812,246</b>	<b>108,646</b>
2016-17 *	Stormwater SAW Grant	6,100				
	Bore new water main on Ferry Avenue	155,000				
2016-17 *	<b>TOTAL:</b>	<b>161,100</b>	<b>108,646</b>	<b>451,000</b>	<b>559,646</b>	<b>398,546</b>
2017-18 *	Mason & Antrim from 31 to State	516,000				
2017-18 *	<b>TOTAL:</b>	<b>516,000</b>	<b>398,546</b>	<b>451,000</b>	<b>849,546</b>	<b>333,546</b>
2018-19 *	Park Ave from Grant to Lake	266,000				
2018-19 *	<b>TOTAL:</b>	<b>266,000</b>	<b>333,546</b>	<b>451,000</b>	<b>784,546</b>	<b>518,546</b>
2019-20 *	Hulbut from State to 31	369,000				
2019-20 *	<b>TOTAL:</b>	<b>369,000</b>	<b>518,546</b>	<b>451,000</b>	<b>969,546</b>	<b>600,546</b>
2020-21 *	State St from Hulbut to Carpenter	841,000				
2020-21 *	<b>TOTAL:</b>	<b>841,000</b>	<b>600,546</b>	<b>451,000</b>	<b>1,051,546</b>	<b>210,546</b>
2021-22 *	Alice from Garfield to Belvedere	396,000				
2021-22 *	<b>TOTAL:</b>	<b>396,000</b>	<b>600,546</b>	<b>451,000</b>	<b>1,051,546</b>	<b>655,546</b>

\*\* Additional funding from PI#7 County Road Millage not shown here, but it will supplement these totals.

**GRAND TOTAL - ALL PROJECTS: \$3,252,700**

**P1#7, Street Improvement Capital Plan**

December 29, 2014

(All cost estimates in 2014 dollars)

Item	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
State Street Project	240,100					
Bore new water line on Ferry		45,000				
Mason & Antrim St. 31 to State			183,000			
Park Ave from Grant to Lake				180,000		600,000
State St from Hurlbut to Carpenter						
Alice from Garfield to Belvedere						
Pine River Lane Water Upgrade	30,000					
<b>TOTALS - EXPENSE:</b>	<b>270,100</b>	<b>45,000</b>	<b>183,000</b>	<b>180,000</b>	<b>0</b>	<b>600,000</b>
Cash balance previous year	178,547	129,147	304,847	342,547	383,247	603,947
Tax income + interest	220,700	220,700	220,700	220,700	220,700	220,700
Total funds available	399,247	349,847	525,547	563,247	603,947	824,647
<b>CASH BALANCE</b>	<b>129,147</b>	<b>304,847</b>	<b>342,547</b>	<b>383,247</b>	<b>603,947</b>	<b>224,647</b>

**COUNTY MILLAGE RUNS FROM 2009 TO 2024**



PI#9, Fiber Optic Extension to Industrial Park

December 29, 2014

(All cost estimates in 2014 dollars)

Item	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Fiber optic extension (includes transfer to electric for materials/labor/equip)	76,500					
<b>TOTALS - EXPENSE:</b>	<b>76,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**PI#12, Mt McSauba Recreation Improvement Capital Plan**

December 30, 2014

(All cost estimates in 2014 dollars)

Project	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
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**Expenditures**

Groomer debt service to Motor Pool, then Water Fund  
Interest on debt (to Water Fund) paid off in 13/14

<b>TOTAL ANNUAL INCOME:</b>	6,700	6,700	6,000	6,000	6,000	6,000	6,000
Fund Balance Prior Yr	6,930	8,630	14,330	20,330	26,330	32,330	38,330
Total Funds Available	12,630	14,330	20,330	26,330	32,330	38,330	44,330
Expenditures	4,000						
<b>Projected Fund Balance</b>	<b>8,630</b>	<b>14,330</b>	<b>20,330</b>	<b>26,330</b>	<b>32,330</b>	<b>38,330</b>	<b>44,330</b>

Set aside to match grants for Mt. McSauba

CITY OF CHARLEVOIX  
AIRPORT FUND  
CAPITAL PLAN

	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
<b>Capital</b>						
Apron Project	1,726,000					
Ground Power Unit						
<b>TOTALS</b>	<b>1,726,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
<b>Debt Service</b>						
Interest & Principal - Act 99 Loan	18,162					
Principal & interest on MDOT loan	11,125	26,400	26,150	25,900	25,650	40,400
Principal & interest on Electric Fund advance						
<b>TOTALS</b>	<b>29,287</b>	<b>26,400</b>	<b>26,150</b>	<b>25,900</b>	<b>25,650</b>	<b>40,400</b>

Fiscal Year	Principal Outstanding	Interest Rate	Principal Paid	Interest Paid	Total P & I
2012-13	160,000	0.50%	-	-	-
2013-14	160,000	0.63%	-	1,000	1,000
2014-15	160,000	0.63%	10,000	1,000	11,000
2015-16	150,000	0.75%	10,000	1,125	11,125
2016-17	140,000	1.00%	25,000	1,400	26,400
2017-18	115,000	1.00%	25,000	1,150	26,150
2018-19	90,000	1.00%	25,000	900	25,900
2019-20	65,000	1.00%	25,000	650	25,650
2020-21	40,000	1.00%	40,000	400	40,400
<b>Totals:</b>			<b>160,000</b>	<b>7,625</b>	<b>167,625</b>

Electric Fund Repayment

**Electric Fund Capital Plan**

December 29, 2014

(All cost estimates in 2014 dollars)

Item	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
12 kv 3 upgrades	75,000	75,000	75,000	75,000	75,000	75,000
Park Avenue decorative street lights	-	-	-	-	-	-
Capital supplies for projects	175,000	40,000	40,000	40,000	40,000	40,000
Street lighting improvement, LED upgrades	100,000	50,000	50,000	-	-	-
Engineering for capital projects	93,000	50,000	50,000	50,000	-	-
GIS System	20,000	-	-	-	-	-
MPPA projects - Power Study	10,000	15,000	15,000	15,000	15,000	15,000
Automated Meter Reading (AMR) System	-	1,400,000	-	100,000	100,000	100,000
Computer Database Services	17,500	-	-	-	-	-

<b>TOTALS:</b>	<b>\$ 490,500</b>	<b>\$ 1,630,000</b>	<b>\$ 230,000</b>	<b>\$ 280,000</b>	<b>\$ 230,000</b>	<b>\$ 230,000</b>
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Transfers	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Fund Transfer to Motor Pool: Polecat	100,000	-	-	-	-	-
Fund Transfer to DPW Site Fund	126,000	126,000	126,000	126,000	126,000	126,000
Fund Transfer to General Fund: Photocopier Cost Share	3,620	-	-	-	-	-
Fund Transfer to General Fund: Mowing	2,500	2,500	2,500	2,500	2,500	2,500
<b>Total Fund Transfers:</b>	<b>232,120</b>	<b>128,500</b>	<b>128,500</b>	<b>128,500</b>	<b>128,500</b>	<b>128,500</b>

**Sewer Fund Capital Plan**  
 December 29, 2014  
 (All cost estimates in 2014 dollars)

<b>Sewer Fund Projects</b>	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Item						
WWTP Improvements	\$7,376,000	\$ 292,560				
State Street Sewer Construction & Engineering Infrastructure	109,800					
SAW Grants - Wastewater Collection System	340,000	340,000	340,000			
TV sewer lines and E1 pump repairs	9,000	9,000	9,000	9,000	9,000	9,000
Normal Capital Expenditures		25,000	25,000	25,000	25,000	25,000
Upgrade Control Circuits: Depot Beach Lift Station	7,000					
Install Stationary Power Generator: Country Club Lift Station	7,500					
<b>TOTALS:</b>	<b>7,849,300</b>	<b>666,560</b>	<b>374,000</b>	<b>34,000</b>	<b>34,000</b>	<b>34,000</b>

**Northside Sewer Projects (P#5)**

Gravity Sewer - US-31 to Waller						
Depot pump station - Chicago Club						
<b>TOTALS:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<b>GRAND TOTALS - Sewer Fund:</b>	<b>7,849,300</b>	<b>666,560</b>	<b>374,000</b>	<b>34,000</b>	<b>34,000</b>	<b>34,000</b>
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\*\* Carry over

**Water Fund Capital Plan**

December 29, 2014

(All cost estimates in 2014 dollars)

Item	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Infrastructure water mains - State Street	222,750					
Pine River Ln Water Upgrade	93,500					
Intruder alarms at WTP		5,000				
Replace WTP plant roof	70,000	35,000				
Filter Media Replacement	76,300					
Hydraulic Analysis & Map Updates	47,700					
<b>TOTALS:</b>	<b>510,250</b>	<b>40,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Marina Fund Debt Service Plan**  
 December 29, 2014  
 (All cost estimates in 2014 dollars)

Item	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Beyond 2023
Debt service - Marina Project DDA Bonds **	441,395	451,195	460,195	468,395	480,795	487,195	502,795	512,195	2,631,673
Repay Electric Fund + Interest	31,930	31,680	56,430	55,930	55,430	104,930	103,930	298,860	298,860
<b>TOTALS:</b>	<b>473,325</b>	<b>482,875</b>	<b>516,625</b>	<b>524,325</b>	<b>536,225</b>	<b>592,125</b>	<b>606,725</b>	<b>811,055</b>	<b>2,930,533</b>

\*\* Debt service due and payable by the Marina Fund, shared with the DDA

**Electric Fund Repayment**  
 For the East Park Improvements

Fiscal Year	Principal Outstanding	Interest Rate	Principal Paid	Interest Paid	Total P & I
2012-13	700,000	0.50%	-	3,500	3,500
2013-14	700,000	0.50%	3,500	3,500	7,000
2014-15	696,500	0.50%	3,500	3,483	6,983
2015-16	693,000	1.00%	25,000	6,930	31,930
2016-17	688,000	1.00%	25,000	6,680	31,680
2017-18	643,000	1.00%	50,000	6,430	56,430
2018-19	593,000	1.00%	50,000	5,930	55,930
2019-20	543,000	1.00%	50,000	5,430	55,430
2020-21	493,000	1.00%	100,000	4,930	104,930
2021-22	393,000	1.00%	100,000	3,930	103,930
Beyond 2022	293,000	2.00%	293,000	5,860	298,860
<b>Totals:</b>			<b>700,000</b>	<b>56,603</b>	<b>756,603</b>

Motor Pool Capital Plan  
 December 28, 2014  
 (All cost estimates in 2014 dollars)

Repl Unit #	Yr of Repl	Replacement Vehicle	Primary Dept.	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Future
76	2002	Backhoe 310 SG	Elec & water			75,000				
new		Chevy 3500 Big Red	Elec & water			39,500				
71	2005	Dodge Pickup (meter reader)	Elec & water				27,300			
		Casa 596C Forklift	Elec & water							
		Suller Air Compressor	Elec & water				15,000			
73	1995	Pick up	Electric							160,000
75	2001	Bucket truck	Electric							160,000
new		International Bucket truck	Electric							160,000
		Bucket truck	Electric							225,000
		Boring rig	Electric							23,000 2014
		Ford Explorer (Don Swam)	Electric				31,000			
		GMC 4x4 (used)	Electric							
		Dodge 2500 4x4	Electric		26,800					
81	2008	Trencher	Electric							
73	1983	Pickup	Electric							155,000
76	1983	Pickup	Electric							
79	1983	Pickup	Electric							
79	1987	GMC 3500 Polaris	Electric	140,000						
		Ditch Witch 400 SX, whipps puller	Electric				23,000			
		Ditch Witch 6510 wirekhone & pipe pull	Electric					93,500		
new	2011	Ditch Witch JT920 Boring Machine	Electric							130,000
		Ford Expedition 4WD **	Fire/Amb		30,000					
		Ford 2wd 150	Golf							
		Fairway Mower	Golf							
new	2013	Explorer Interceptor	Police				30,000			
		Ford Expedition 4WD **	Police					32,000		
		Explorer Interceptor	Police		28,000					
7	1988	Pickup	Street							
60	1998	GMC 2500 2wd Pickup	Street							
8	2009	Dodge 1500 2wd (Cemetary)	Street							
		Dodge 1500 4x4	Street				27,500			
		Ford 1500, 4x4 (Airt's)	Street							
		Ford 1500, 2wd dump	Street	30,000						
2011		Chevy 3500, 2wd dump	Street	25,000				15,000		
		Dodge 1500 2wd	Street							
		Chevy 2500 2wd	Street		28,300					
		Ford 3500 4x4 dump	Street				43,200			
		Ford 3500 2wd dump	Street	30,000						
		Chevy 1500 2wd	Street							
		Chevy 1500 2wd (Pat's truck)	Street					24,500		
		Sterling 5cy Plow/Dump truck	Street							
		Sterling 5cy Plow/Dump truck	Street		112,000					
		Sterling w/sander (sander box only)	Street				112,000			
		Sterling 5cy Plow/Dump truck	Street							112,000
		Sterling Jet Truck	Street							
		Koniar Dump (Chipper Truck)	Street	40,000						
		Bandit Chipper	Street					30,000		
		Hot patch trailer	Street							
new	13	John Deere 444J Loader	Street			110,000				9,500
		John Deere 310SG Loader/backhoe	Street					75,000		
19	2007	Quick Attach Backhoe Compactor	Street							
25	1983	Leaf vacuum	Street							
14	1999	Eight Street sweeper	Street							140,000
40	1990	Air compressor	Street			15,000				
27	2003	Backhoe	Street							
		Chertingham Beach groomer	Street							69,500
		John Deere 755 (Cemetary mini loader)	Street							
		Toro Workman	Street							
		Vibratamp compactor for backhoe	Street							
		Mini Excavator (cemetery, H2O, Sireig)	Street							
17	1990	Vac All Jet Truck	Street/Sewer							320,000
		Ford 3500 Dump truck	Water			31,000				
		Dodge 4x4 1500 (Steve's truck)	WTP WAWTP			27,300				
		Chevy 4x4 1500 heavy duty (crew vehicle)	WTP WAWTP							
		Total Capital		352,500	228,100	291,800	412,000	195,000	0	
Fund Transfer		Fire/Ambulance Reserve	Fire/Amb	76,500	79,000	79,600	91,200	82,800	84,500	86,200
Fund Transfer		Public Works Site Fund	DPW	24,300	24,300	24,300	24,300	24,300	24,300	24,300
Fund Transfer		Cost Share of New Photocopiers	General	3,600						
		Total Fund Transfers		104,400	102,300	103,900	105,500	107,100	108,800	

\*\* Replacement vehicle to be determined.



**Public Works Site Capital Plan**  
December 29, 2014

Item	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
<b>Income</b>						
Electric Fund	126,000	126,000	126,000	126,000	126,000	126,000
Sewer Fund	36,200	36,200	36,200	36,200	36,200	36,200
Water Fund	0	0	0	24,400	24,400	24,400
Motor Pool Fund	24,300	24,300	24,300	24,300	24,300	24,300
General Fund						
Interest	1,000	1,000	1,000	1,000	1,000	1,000
<b>Total Income</b>	<b>187,500</b>	<b>187,500</b>	<b>187,500</b>	<b>211,900</b>	<b>211,900</b>	<b>211,900</b>
<b>Cash Balance Prior Yr</b>	<b>1,106,192</b>	<b>1,293,692</b>	<b>1,481,192</b>	<b>1,668,692</b>	<b>1,880,592</b>	<b>2,092,492</b>
<b>Funds available</b>	<b>1,293,692</b>	<b>1,481,192</b>	<b>1,668,692</b>	<b>1,880,592</b>	<b>2,092,492</b>	<b>2,304,392</b>
<b>Projected Cash Balance</b>	<b>1,293,692</b>	<b>1,481,192</b>	<b>1,668,692</b>	<b>1,880,592</b>	<b>2,092,492</b>	<b>2,304,392</b>