



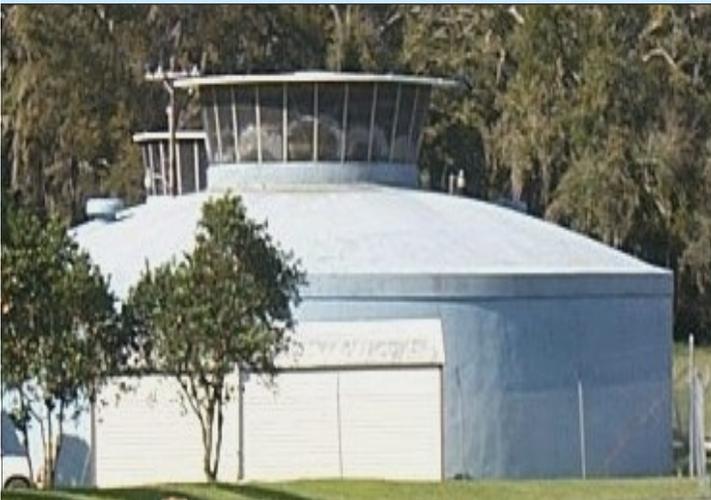
**CITY OF
MOUNT
DORA**



2014-15

CAPITAL IMPROVEMENT PROGRAM

APRIL 2014



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**CITY OF MOUNT DORA, FLORIDA
CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2014-19**

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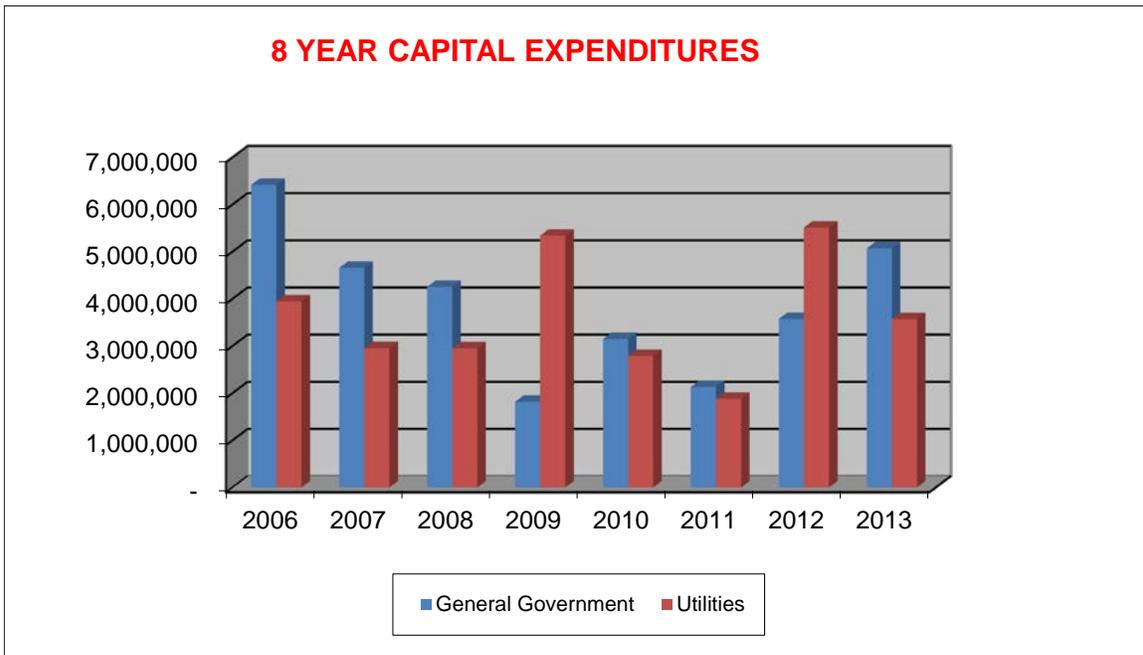
CITY OF MOUNT DORA
2014-15 CAPITAL IMPROVEMENT PROGRAM

EXECUTIVE SUMMARY

INTRODUCTION

This Capital Improvement Program (CIP) is a planning document that provides a path for the City's capital spending for the five years beginning with the Fiscal Year Ending (F/Y/E) 2014-15. Citizens, City Council and Staff must recognize that the CIP is a flexible document that allows for adjustments as approved by City Council relating to changing needs and financing over time. The projects and funding included in this proposed plan are recommendations based on the needs perceived at this point in time. Projects scheduled beyond 2014-15 will be reviewed over the forthcoming year to better define the scope of the projects, the expected cost and alternative funding sources. The final approved CIP with any recommended changes made during the CIP and Budget Workshops will be incorporated into the 2014-15 Budget, where it will be reviewed again as part of the regular budget process.

Actual capital expenditures have varied greatly based on revenues sources available and the need of the projects. 2012-13 was the first time since 2011 that General Government Project expenditures exceeded Utility expenditures. This was due to the Downtown Streetscape Phase I, the Palm Island Boardwalk, the 4th Ave Docks and the Library Expansion projects.



The City recognizes that the CIP must adhere to the financial resources available. For some projects, such as the Downtown Streetscape – Phase III and related utility work, the size, scope and the full cost of these projects are unknown at this time but will be included in the CIP, when the design phase is completed. Until the timing and realistic cost is known, the funding sources for these projects are unknown. Per the CIP workshop, the engineering and final design costs will be added to the current 2013-14 budget.

CITY OF MOUNT DORA
2014-15 CAPITAL IMPROVEMENT PROGRAM

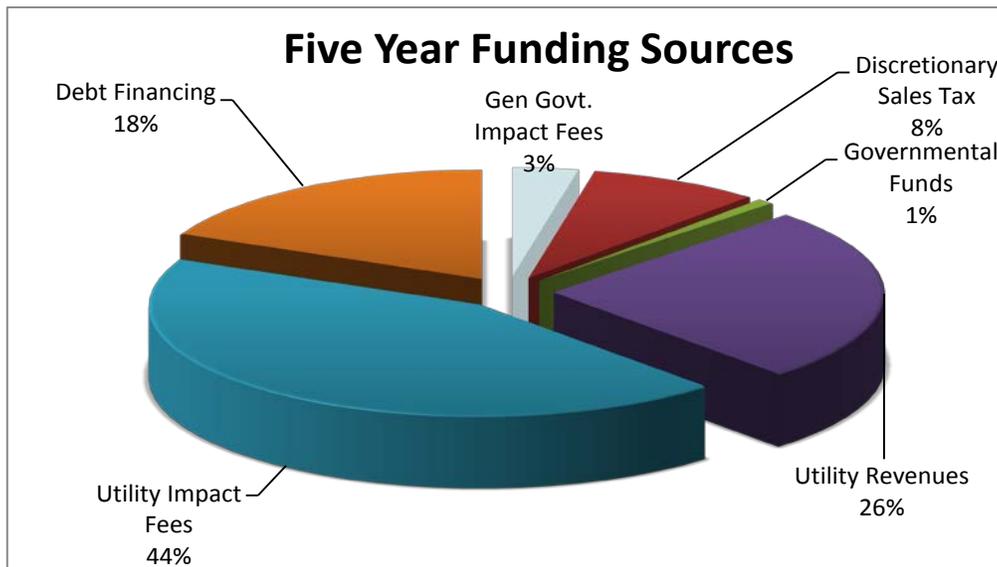
INTRODUCTION (CONTINUED)

Based on current funding projections, the City anticipates 2014-15 projects totaling \$7,214,500, while the five year total is \$30,151,150. The projects under consideration for the 2014-15 Budget have decreased materially from the projected 2013-14 CIP by about \$5.6 million due to limited capital funds, and expenditure on large utility projects such as Downtown Phase I and II, East Water Plant, as well as, plant improvements.

The City has normally used a “pay as you go” method for non-utility projects. These funding sources are Discretionary Sales Tax, redevelopment funds, impact fees or grants. The current economic climate has resulted in a small increase in these revenue sources except for an expected larger increase for Discretionary Sales Tax. Since significant Community Redevelopment funds, plus Recreational and Library Impact Fees were used in the last two years’ scheduled projects have been reduced.

The number of large water and wastewater projects, (such as the downtown streetscape projects, plant improvements, and a potential Britt Road utility line extension) will require debt funding. It is expected that a \$7,500,000 debt will be issued during the current fiscal year. To the extent necessary, internal fund debt will be used to augment the debt issued. Future utility impact fees and operating revenues will be used for the repayment source. However, as these sources are used to make loan payments, the amount of money available in the future for other capital projects will be reduced.

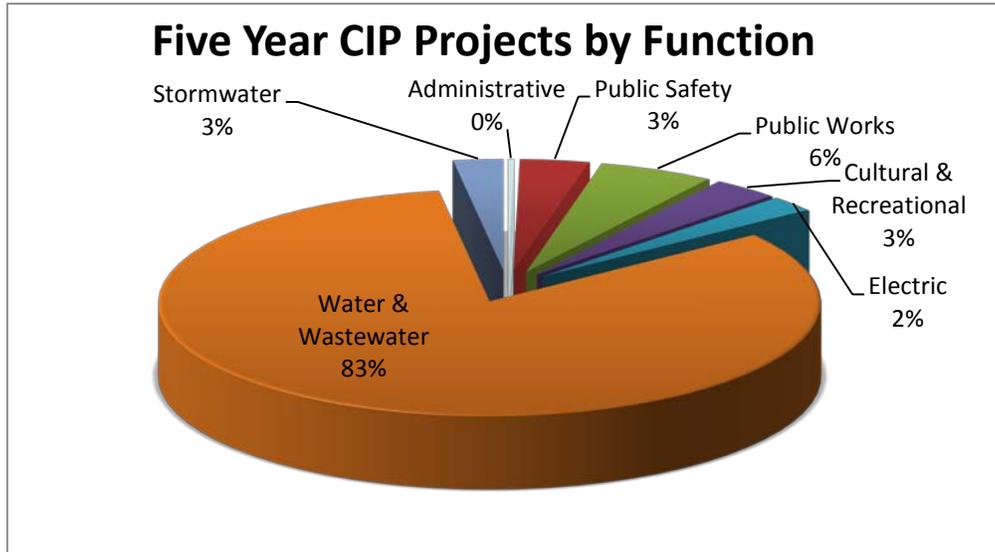
The graph below shows the percentage of funding sources recommended to be used for all of the proposed capital projects included in the CIP. 87% of the revenues and proposed loans are related to utilities. This is mostly due to the large needs in the Water & Wastewater System.



CITY OF MOUNT DORA
2014-15 CAPITAL IMPROVEMENT PROGRAM

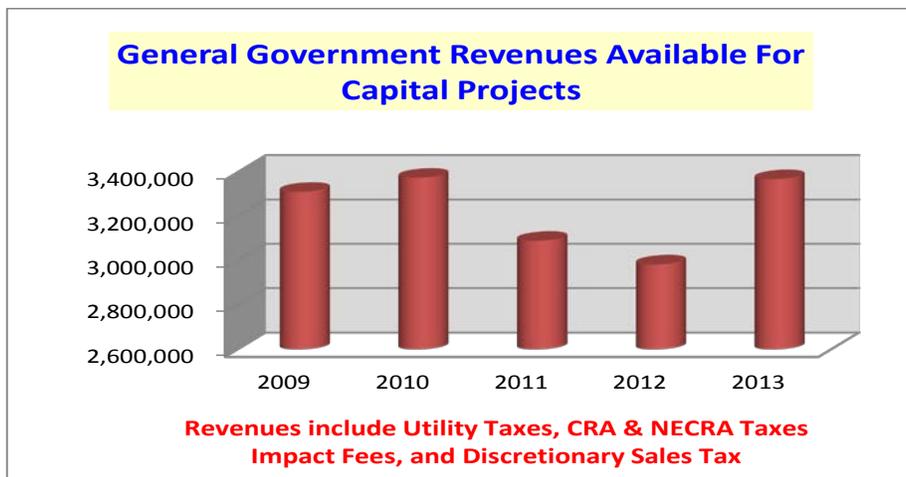
INTRODUCTION (CONTINUED)

The proposed capital projects for the next five years are directly related to the source of funds available. The following graph shows the proposed projects by function.



The following operational projects would normally be funded by general government revenues, but have been moved to other sources, primarily Discretionary Sales Tax, which sunsets in December 2017 unless renewed by voters. *If the voters do not renew the Discretionary Sales Tax, under current revenue forecasts, there will be almost no available funding sources for these general government annual operational projects.*

- **Streets, curbs, and sidewalks**
- **Park Improvements**
- **Police vehicles, fire trucks plus other major equipment purchases**
- **IT Projects**
- **Facility upgrades and repairs**

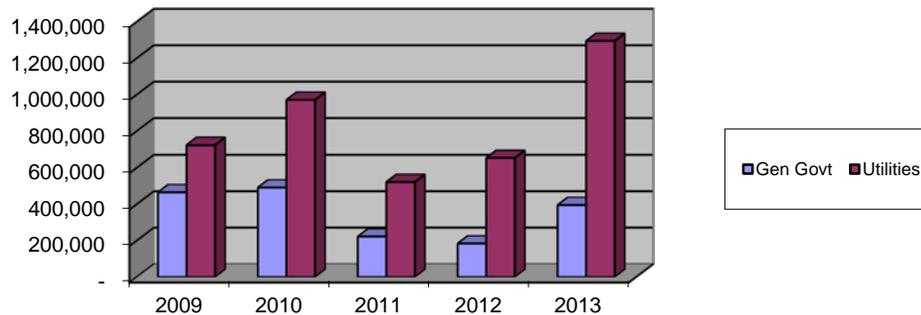


CITY OF MOUNT DORA
2014-15 CAPITAL IMPROVEMENT PROGRAM

FINANCIAL TRENDS & RELATED ASPECTS

- The property tax was a primary source of funding for smaller capital items in past years before the housing value drop during the Great Recession. The property value for the current budget year, 2013-14 increased by 0.4%. A preliminary estimate for the 2014-15 budget year is another small increase.
- Other taxes that may be used for General Government Projects include: Public Service Taxes (pledged for the 2011 bond issue and 2013 CRA Note), Communications Services Taxes (pledged for the 2013 CRA Note Franchise Fees, State Shared Revenues, and Gas Taxes (for transportation). The usage of these revenue types have shifted entirely to operating expenses, which makes any potential future reduction more precarious.
- The Discretionary Sales Tax was approved for a 15 year period in November 2001. This is our main funding source for non-utility projects with an anticipated income of \$975,500 for the FYE 2014. This is a \$280,500 decrease from the FYE 2006 of \$1,156,000. However, this revenue source has started rebounding this last year.
- Prior to 2013, Impact Fees had dropped considerably due to the construction slowdown since 2007. This reduction in revenue is partially offset by the delay in projects that are required to supply that growth. In 2013, impact fees increased due to large payment from Sullivan Ranch and other developers.

IMPACT FEE COLLECTIONS



- Utility revenues are growing slowly due primarily to fee increases and current customer usage as opposed to customer growth.
- Population and development projections do not indicate a build out of housing projects in the near future. In particular, the eventual development of the Employment Center on the east side of our service territory will certainly have a major impact on our service requirements and future revenues. However the funding of projects to extend utility services to the Employment Center are dependent on the collection of future impact fees, which provides an uncertainty of the development timeline.

Projects in process and expected to be completed in the 2013-14 Fiscal Year or the projects which will be carried over into FYE 2014-15 with funding already committed are not included in this CIP. Projects which are not expected to be completed within the five year period are shown as “Future Requests” for the balance of the projects’ budgets.

**CITY OF MOUNT DORA
CAPITAL IMPROVEMENT PROGRAM
FIVE YEAR PLAN 2015-2019
EXECUTIVE SUMMARY**

Total Projects By Department	Total Project Cost	FISCAL YEAR ENDING				
		2014-15	2015-16	2016-17	2017-18	2018-19
Information Technology	96,000	96,000	-	-	-	-
Police	340,500	-	40,500	-	150,000	150,000
Fire	686,200	111,200	575,000	-	-	-
Library	120,000	25,000	25,000	25,000	25,000	20,000
Public Works	1,475,500	300,000	350,000	300,000	250,000	275,500
Parks and Recreation	860,000	-	170,000	550,000	140,000	-
Building Maintenance	225,000	50,000	75,000	-	100,000	-
Utilities						
Electric	688,100	387,100	76,200	76,200	74,300	74,300
Water and Wastewater	24,915,850	6,133,700	6,016,500	3,430,650	4,683,800	4,651,200
Stormwater	744,000	111,500	244,000	125,700	129,450	133,350
	\$ 30,151,150	\$ 7,214,500	\$ 7,572,200	\$ 4,507,550	\$ 5,552,550	\$ 5,304,350

CIP By Funding Source	Total	FISCAL YEAR ENDING				
		2014-15	2015-16	2016-17	2017-18	2018-19
Discretionary Sales Tax	2,544,200	517,200	801,500	300,000	500,000	425,500
Library Impact Fees	120,000	25,000	25,000	25,000	25,000	20,000
Park Impact Fees	860,000	-	170,000	550,000	140,000	-
CRA	-	-	-	-	-	-
Vehicle Replacement Fund	239,000	-	239,000	-	-	-
Electric Funds	703,100	402,100	76,200	76,200	74,300	74,300
Water & Wastewater Funds	6,290,400	1,132,950	1,502,400	1,254,550	1,415,600	984,900
Water Impact Fees	4,545,750	40,000	75,000	963,500	1,634,100	1,833,150
Wastewater Impact Fees	8,595,450	1,819,500	2,096,100	1,212,600	1,634,100	1,833,150
Stormwater Fund	749,000	116,500	244,000	125,700	129,450	133,350
Outside Financing	5,504,250	3,161,250	2,343,000	-	-	-
	\$ 30,151,150	\$ 7,214,500	\$ 7,572,200	\$ 4,507,550	\$ 5,552,550	\$ 5,304,350

CITY OF MOUNT DORA
 CAPITAL IMPROVEMENT PROGRAM
 PROJECT LISTING BY FISCAL YEARS
 2014-15

APPENDIX #	PROJECT NAME	TOTAL NEW REQUESTS	2014-15 REQUEST	2015-16 REQUEST	2016-17 REQUEST	2017-18 REQUEST	2018-19 REQUEST
General Government							
A-1	Network Infrastructure Upgrade	96,000	96,000	-	-	-	-
A-2	Streets, Curbs & Sidewalks	1,050,000	250,000	200,000	200,000	200,000	200,000
A-3	Sidewalks - ADA Compliance	250,000	50,000	50,000	50,000	50,000	50,000
A-4	Public Works Complex	50,000	50,000				
A-5	Fire Airpak	111,200	111,200				
A-6	Fire Truck Replacement	540,000	-	540,000	-	-	-
A-7	Rescue Boat	35,000	-	35,000	-	-	-
A-8	Primary Gateway Monuments	150,000	-	100,000	50,000	-	-
A-9	Downtown Streetscape - Future Phases	-	TBD	TBD	-	-	-
A-10	Facility Upgrades	175,000	-	75,000	-	100,000	-
A-11	Police Vehicle Replacement	300,000	-	-	-	150,000	150,000
A-12	Public Safety Complex Upgrade	40,500	-	40,500	-	-	-
A-13	Old US 441 Boulevard Construction	25,500	-	-	-	-	25,500
A-14	Lake Wekiva Trail	550,000	-	-	550,000	-	-
A-15	Mobile Stage	140,000	-	-	-	140,000	-
A-16	Skateboard Park	170,000	-	170,000	-	-	-
A-17	Expansion of the Library Collection	120,000	25,000	25,000	25,000	25,000	20,000
Total Potential Project Costs - General Gov.		3,803,200	582,200	1,235,500	875,000	665,000	445,500

TBD = The project costs are to be determined in the future

Operational type projects

CITY OF MOUNT DORA
 CAPITAL IMPROVEMENT PROGRAM
 PROJECT LISTING BY FISCAL YEARS
 2014-15

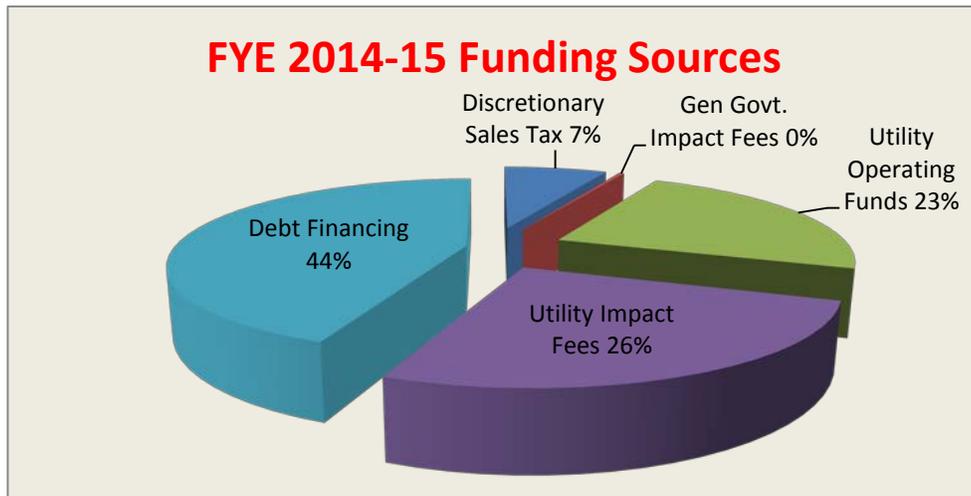
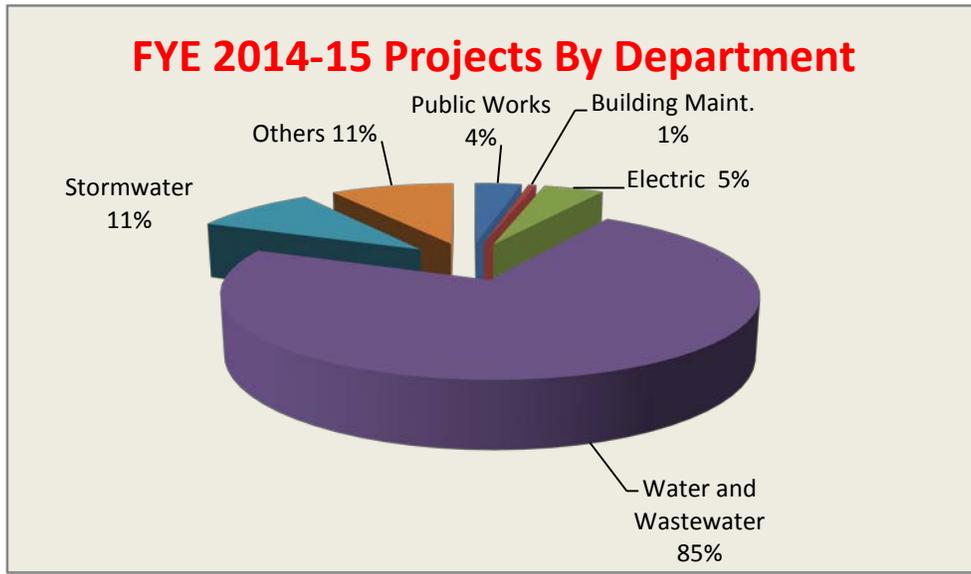
APPENDIX #	PROJECT NAME	TOTAL NEW REQUESTS	2014-15 REQUEST	2015-16 REQUEST	2016-17 REQUEST	2017-18 REQUEST	2018-19 REQUEST
Utility Projects							
B-1	Wood Pole Replacement	250,000	50,000	50,000	50,000	50,000	50,000
B-2	Electric Meter Replacement	187,200	86,200	26,200	26,200	24,300	24,300
B-3	SCADA Upgrade - Substation	142,900	142,900	-	-	-	-
B-4	Javens Circle of Eudora Underground Replace.	108,000	108,000	-	-	-	-
B-5	Water Treatment Plant Improvements	880,650	115,000	183,000	188,500	194,150	200,000
B-6	WTPI - Pump Building	879,250	86,250	793,000	-	-	-
B-7	Water Main Distribution Upgrades	644,400	57,500	140,300	144,500	148,800	153,300
B-8	Well Abandonments	102,350	102,350	-	-	-	-
B-9	Fire Hydrant Replacement	118,500	118,500	-	-	-	-
B-10	Valve Replacement Program	312,650	57,500	61,000	62,800	64,700	66,650
B-11	Water Meter Replacement	312,700	57,500	61,000	62,850	64,700	66,650
B-12	WWTP I Upgrades	503,000	95,000	98,000	100,500	103,500	106,000
B-13	WWTP I Clarifier Replacement Mechanisms	575,000	575,000	-	-	-	-
B-14	WWTP II Upgrades	500,350	92,000	97,600	100,550	103,550	106,650
B-15	Wastewater Collection Improvements	1,000,000	200,000	200,000	200,000	200,000	200,000
B-16	Lift Station Upgrades	401,700	73,850	78,350	80,700	83,150	85,650
B-17	Percolation Pond Aeration	296,250	143,750	152,500	-	-	-
B-18	Percolation Pond Relining Study	61,000	-	61,000	-	-	-
B-19	WTPI - Elevated Tank	637,750	-	-	314,150	323,600	-
B-20	Southwest Main Distribution Upsizing Study	129,450	-	-	-	129,450	-
B-21	US441/SR46 Utility Line Relocation	2,500,000	2,500,000	-	-	-	-
B-22	WWTP I Effluent Valve Replacement	125,650	-	125,650	-	-	-
B-23	Reclaim Water System Data Flow Improvement	244,000	-	244,000	-	-	-
B-24	Britt Road Utility Extension	4,100,000	86,250	1,994,750	2,019,000	-	-
B-25	Employment Center Utility Extension	4,054,950	-	-	94,250	1,960,900	1,999,800
B-26	Employment Center Utility Loop	3,036,650	-	-	62,850	1,307,300	1,666,500
B-27	Biosolids Processing Facility	1,112,000	1,112,000	-	-	-	-
B-28	WWTP II Expansion	535,050	28,750	506,300	-	-	-
B-29	WWTP I & II Redundancy	1,852,550	632,500	1,220,050	-	-	-
B-30	Stormwater Small Projects	622,000	111,500	122,000	125,700	129,450	133,350
B-31	Pine Street to US 441 Pipe Installation	122,000	-	122,000	-	-	-
Total Potential Projects Costs - Utilities		26,347,950	6,632,300	6,336,700	3,632,550	4,887,550	4,858,850
Total Potential Cost For All Projects		30,151,150	7,214,500	7,572,200	4,507,550	5,552,550	5,304,350

Operational type projects

CITY OF MOUNT DORA
CAPITAL IMPROVEMENT PROGRAM
2014-15

FYE 2014-15 PROJECTS AND SOURCES

The following graphs show the CIP projects that are recommended to be included in the 2014-15 Proposed Budget.



The following is a discussion of the individual projects by function.

CITY OF MOUNT DORA
CAPITAL IMPROVEMENT PROGRAM
2014-15

GENERAL GOVERNMENT PROJECTS

The budgets for the past two years had several major projects funded by General Government revenues. These included Palm Island Boardwalk, 4th Ave. Docks and Downtown Streetscape – Phase I and II, Streets, Tremain Trail Development, the completion of the Library Expansion and the Recreation & Nature Park. CIP Individual projects, timing and funding are presented on the CIP Project Description Sheets in Appendix A. A review of General Government projects will focus on the projects for FYE 2014-15, totaling \$582,200, which is over \$2 million less than the current year's amount.

Information Technology Project

The review of the financial software and the complementary packages now provided by Sungard/HTE is almost complete. It is expected that the current funding for the new financial software and document management will be sufficient. Funds are requested for the continuing upgrade of the network equipment including switches, UPS units and fiber optic connections. In addition, fiber optics will be installed to Donnelly Park for WIFI.

INFORMATION TECHNOLOGY PROJECTS

Project Name	Total Project Cost	Fiscal Year Ending				
		2014-15	2015-16	2016-17	2017-18	2018-19
A-1 Network Infrastructure Upgrade	96,000	96,000	-	-	-	-
TOTAL	\$ 96,000	\$ 96,000	\$ -	\$ -	\$ -	\$ -

Police Projects

With this year's purchase of the eighteen police vehicles, no vehicles will be purchased for 2014-15 or 2015-16 as funds will be used to repay the debt. Annual funding for four Police Cruisers for the following two years has been included in the Discretionary Sales Tax Fund since the General Fund has no money to contribute to the Vehicle Replacement Fund. The Police are also requesting the replacement and upgrade of the security system at the complex.

POLICE PROJECTS

Project Name	Total Project Cost	Fiscal Year Ending				
		2014-15	2015-16	2016-17	2017-18	2018-19
A-11 Police Vehicle Replacement	\$ 300,000	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
A-12 Public Safety Complex Upgrade	40,500	-	40,500	-	-	-
TOTAL	\$ 340,500	\$ -	\$ 40,500	\$ -	\$ 150,000	\$ 150,000

Fire Projects

The Fire Department is requesting to replace the remaining sixteen airpaks in 2014-15. The replacement of the 1998 Pierce Fire Truck has been delayed to 2015-16 to look at a potential alternative vehicle. Discretionary Sales Tax funds in the amount of \$350,000 and \$239,000 in Vehicle Replacement Charges have been allocated for a vehicle with a style similar the one that we currently have. Also, there is a request for a Rescue Boat shown for the same fund.

CITY OF MOUNT DORA
CAPITAL IMPROVEMENT PROGRAM
2014-15

GENERAL GOVERNMENT PROJECTS (CONTINUED)

FIRE PROJECTS

Project Name	Total Project Cost	Fiscal Year Ending				
		2014-15	2015-16	2016-17	2017-18	2018-19
A-5 Fire Airpaks	\$ 111,200	\$ 111,200	\$ -	\$ -	\$ -	\$ -
A-6 Fire Truck Replacement	540,000	-	540,000	-	-	-
A-7 Rescue Boat	35,000	-	35,000	-	-	-
TOTAL	\$ 686,200	\$ 111,200	\$ 575,000	\$ -	\$ -	\$ -

Library Project

With the completion of the Library Expansion and a deficit in the fund, purchase of Books, DVD's, CD's and on-line books for expanding the library collection with Library Impact Fees will need to be tapered over time. The remainder of the purchases of library material will have to be supported by the General Fund.

LIBRARY PROJECT

Project Name	Total Project Cost	Fiscal Year Ending				
		2014-15	2015-16	2016-17	2017-18	2018-19
A-17 Expand. of the Library Collection	\$ 120,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 20,000
TOTAL	\$ 120,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 20,000

Public Works Projects

Resurfacing of streets, new curbs, sidewalk replacements and ADA compliant work are funded annually with Discretionary Sales Tax funds. A list of the areas that will be improved will be prepared and submitted for approval. The funding for two projects of the Visioning Plan, (Primary Gateway Monuments project and the initial planning of developing a boulevard concept for the Old US 441 Highway from Eudora Circle to Greenway Drive), has been included.

PUBLIC WORKS PROJECTS

Project Name	Total Project Cost	Fiscal Year Ending				
		2014-15	2015-16	2016-17	2017-18	2018-19
A-2 Streets, Curbs, & Sidewalks	\$ 1,050,000	\$ 250,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
A-3 Sidewalks - ADA Compliance	250,000	50,000	50,000	50,000	50,000	50,000
A-8 Primary Gateway Monuments	150,000	-	100,000	50,000	-	-
A-13 Old US 441 Blvd. Construction	25,500	-	-	-	-	25,500
TOTAL	\$ 1,475,500	\$ 300,000	\$ 350,000	\$ 300,000	\$ 250,000	\$ 275,500

CRA Project

The 2013-14 Budget included the Downtown Streetscape – Phase II, which is expected to be completed in the summer of 2014. Per the CIP workshop, the engineering and design for the next phase will be included as amendment to the 2013-14 Budget. Once the estimates of the potential costs are completed and funding sources determined, the next phase or phases will be established by City Council and included in the CIP.

CITY OF MOUNT DORA
CAPITAL IMPROVEMENT PROGRAM
2014-15

GENERAL GOVERNMENT PROJECTS (CONTINUED)

Recreation Projects

Major Recreational Projects have been recently completed including 4th Ave. Docks, Palm Island Boardwalk, Recreation & Nature Park, plus Sunset Park was included in Downtown Streetscape – Phase I. The Tremain Greenway Trail and Lincoln Avenue Trail are funded primarily by grants, which was included in the 2013-14 Budget. The potential minimum cost of obtain the railroad right-of-way for the Lake Wekiva Trail Project has been included at \$550,000. In addition, the department has requested two new projects for consideration.

PARKS AND RECREATION PROJECTS

Project Name	Total Project Cost	Fiscal Year Ending				
		2014-15	2015-16	2016-17	2017-18	2018-19
A-14 Lake Wekiva Trail	\$ 550,000	\$ -	\$ -	\$ 550,000	\$ -	\$ -
A-15 Mobile Stage	140,000	-	-	-	140,000	-
A-16 Skateboard Park	170,000	-	170,000	-	-	-
TOTAL	\$ 860,000	\$ -	\$ 170,000	\$ 550,000	\$ 140,000	\$ -

FUNDING SOURCES

Source Funds	Total Project Cost	Fiscal Year Ending				
		2014-15	2015-16	2016-17	2017-18	2018-19
Park Impact Fees	\$ 860,000	\$ -	\$ 170,000	\$ 550,000	\$ 140,000	\$ -
TOTAL	\$ 860,000	\$ -	\$ 170,000	\$ 550,000	\$ 140,000	\$ -

Building Maintenance Projects

Currently, the staff is investigating potential changes at the Public Works Complex since most of the staff has been moved to a rented facility or trailers. Discretionary Sales Tax funds have been budgeted for potential facility improvements, including air conditioning units, security/fire system upgrades, roof replacements and other major exterior/interior repairs. Specific improvements are identified and priorities set on an annual basis through the budgeting process.

BUILDING PROJECTS

Project Name	Total Project Cost	Fiscal Year Ending				
		2014-15	2015-16	2016-17	2017-18	2018-19
A-4 Public Works Complex	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -
A-10 Facility Upgrades	175,000	-	75,000	-	100,000	-
TOTAL	\$ 225,000	\$ 50,000	\$ 75,000	\$ -	\$ 100,000	\$ -

CITY OF MOUNT DORA
CAPITAL IMPROVEMENT PROGRAM
2014-15

UTILITY PROJECTS

Utility projects have characteristics that are different than the General Government projects. They are generally self-funded from operating revenues, impact fees, or long-term debt repayable from a utility fund resource. Utility projects provide basic services that are critical to the health and welfare of our Citizens. The five year utility projects have a projected total cost of \$26.3 million, of which \$6.6 million is for the FYE 2014-15. The Five Year potential projects have increased by over \$3.7 million from last year and would be higher if funding was available. Utility projects funding has been divided in two types: annual basic infrastructure improvement projects and specific major projects that are not recurring. Examples of annual basic infrastructure improvements with expenditure over \$50,000 are Meter Replacement, Water Main Upgrades, Wastewater Collection Improvements, Lift Station Upgrades, Water and Wastewater Treatment Plant Improvements and Stormwater Small Projects. Specific major projects, including the Water Plant I – Pump Building, Bio-solids Processing Facility, WWTP I Clarifier Mechanisms Replacement, WWTP I & II Redundancy Study, US441/SR46 Utility Line Relocation, and the utility line extensions for the Employment Center. It is expected that \$7,500,000 of debt will be issued this year to help fund some of the earlier major water and wastewater projects. Additional debt will be needed to fund other water and wastewater projects, but the debt will not be issued until the projects’ scope and costs are better defined and there is sufficient revenue to support additional debt service payments. Individual projects and sources of funds are listed on the CIP Project Description Sheets in Appendix B.

Electric Utility Projects

Wood Pole Replacement Project will replace approximately 50 wood poles with concrete poles as part of the annual storm hardening project. The Substation upgrade includes replace two breakers and replacing SCADA equipment. The underground replacement projects for Javens Circle area will replace old buried electric cables with new cables in conduit that will have a longer life span and require fewer trouble calls.

ELECTRIC UTILITY PROJECTS

Project Name	Total Project Cost	Fiscal Year Ending				
		2014-15	2015-16	2016-17	2017-18	2018-19
B-1 Wood Pole Replacement	\$ 250,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
B-2 Electric Meter Replacement	187,200	86,200	26,200	26,200	24,300	24,300
B-3 SCADA Upgrade - Substation	142,900	142,900	-	-	-	-
B-4 Javens Circle of Eudora Underground Rep	108,000	108,000	-	-	-	-
TOTAL	\$ 688,100	\$ 387,100	\$ 76,200	\$ 76,200	\$ 74,300	\$ 74,300

Water and Wastewater Utility Projects

Ten recurring annual projects, such as the Plant Improvements are included in the CIP for the FY 2014-15 in the amount of \$866,850. Funding for these projects will come from operating cash flows. Nine major projects are schedule to begin or be completed in FY 2014-15, these are the Water Plant I – Pump Building, Well Abandonments, WWTP I Clarifier Mechanisms Replacement, Percolation Pond Aeration, US441/SR46 Utility Line

CITY OF MOUNT DORA
CAPITAL IMPROVEMENT PROGRAM
2014-15

UTILITY PROJECTS (CONTINUED)

Water and Wastewater Utility Projects (Continued)

Relocation, Britt Road Utility Extension, the Bio-solids Processing Facility Project, WWTP I & II Redundancy, plus evaluating the expansion of Wastewater Plant II.

WATER & WASTEWATER UTILITY PROJECTS

Project Name	Total Project Cost	Fiscal Year Ending				
		2014-15	2015-16	2016-17	2017-18	2018-19
B-5 Water Treatment Plant I Improvements	\$ 880,650	\$ 115,000	\$ 183,000	\$ 188,500	\$ 194,150	\$ 200,000
B-6 WTPI - Pump Building	879,250	86,250	793,000	-	-	-
B-7 Water Main Distribution Upgrades	644,400	57,500	140,300	144,500	148,800	153,300
B-8 Well Abandonment	102,350	102,350	-	-	-	-
B-9 Fire Hydrant Replacement	118,500	118,500	-	-	-	-
B-10 Valve Replacement Program	312,650	57,500	61,000	62,800	64,700	66,650
B-11 Water Meter Replacement	312,700	57,500	61,000	62,850	64,700	66,650
B-12 WWTP I Upgrades	503,000	95,000	98,000	100,500	103,500	106,000
B-13 WWTP I Clarifier Replacement Mechanism	575,000	575,000	-	-	-	-
B-14 WWTP II Upgrades	500,350	92,000	97,600	100,550	103,550	106,650
B-15 Wastewater Collection Improvements	1,000,000	200,000	200,000	200,000	200,000	200,000
B-16 Lift Station Upgrades	401,700	73,850	78,350	80,700	83,150	85,650
B-17 Percolation Pond Aeration	296,250	143,750	152,500	-	-	-
B-18 Percolation Pond Relining Study	61,000	-	61,000	-	-	-
B-19 WTPI - Elevated Tank	637,750	-	-	314,150	323,600	-
B-20 Southwest Main Distribution Upsizing Stud	129,450	-	-	-	129,450	-
B-21 US441/SR46 Utility Line Relocation	2,500,000	2,500,000	-	-	-	-
B-22 WWTP I Effluent Valve Replacement	125,650	-	125,650	-	-	-
B-23 Reclaim Water System Data Flow Improver	244,000	-	244,000	-	-	-
B-24 Britt Road Utility Extension	4,100,000	86,250	1,994,750	2,019,000	-	-
B-25 Employment Center Utility Extension	4,054,950	-	-	94,250	1,960,900	1,999,800
B-26 Employment Center Utility Loop	3,036,650	-	-	62,850	1,307,300	1,666,500
B-27 Biosolids Processing Facility	1,112,000	1,112,000	-	-	-	-
B-28 WWTP II Expansion	535,050	28,750	506,300	-	-	-
B-29 WWTP I & II Redundancy	1,852,550	632,500	1,220,050	-	-	-
TOTAL	\$ 24,915,850	\$ 6,133,700	\$ 6,016,500	\$ 3,430,650	\$ 4,683,800	\$ 4,651,200

A portion of the project is funded by debt

Stormwater Utility Projects

Due to the costs related to the Downtown Streetscape – Phase I and II and the 7th Avenue Stormwater Project, other stormwater projects have been reduced to allow accumulation of cash for future major projects. Funding for small projects that occur each year in connection with the Lake Dora Water Quality Program and emergency situations have been maintained in the CIP.

STORMWATER UTILITY PROJECTS

Project Name	Total Project Cost	Fiscal Year Ending				
		2014-15	2015-16	2016-17	2017-18	2018-19
B-30 Stormwater Small Projects	\$ 622,000	\$ 111,500	\$ 122,000	\$ 125,700	\$ 129,450	\$ 133,350
B-31 Pine Street to US 441 Pipe Installation	122,000	-	122,000	-	-	-
TOTAL	\$ 744,000	\$ 111,500	\$ 244,000	\$ 125,700	\$ 129,450	\$ 133,350

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**CITY OF MOUNT DORA
CAPITAL IMPROVEMENT PROGRAM
PROJECT LIST
FYE 2014-15**

APPENDIX A - GENERAL GOVERNMENT PROJECTS

Network Infrastructure Upgrade	A-1	Facility Upgrades	A-10
Streets, Curbs & Sidewalks	A-2	Police Vehicle Replacement	A-11
Sidewalks - ADA Compliance	A-3	Public Safety Complex Upgrade	A-12
Public Works Complex	A-4	Old US 441 Boulevard Construction	A-13
Fire Airpaks	A-5	Lake Wekiva Trail	A-14
Fire Truck Replacement	A-6	Mobile Stage	A-15
Rescue Boat	A-7	Skateboard Park	A-16
Primary Gateway Monuments	A-8	Expansion of the Library Collection	A-17
Downtown Streetscape - Future Phases	A-9		

APPENDIX B - UTILITY PROJECTS

Wood Pole Replacement	B-1	Percolation Pond Aeration	B-17
Electric Meter Replacement	B-2	Percolation Pond Relining Study	B-18
SCADA Upgrade - Substation	B-3	WTPI - Elevated Tank	B-19
Javens Circle of Eudora Underground Replace.	B-4	Southwest Main Distribution Upsizing Study	B-20
Water Treatment Plant I Improvements	B-5	US441/SR46 Utility Line Relocation	B-21
WTPI - Pump Building	B-6	WWTPI Effluent Valve Replacement	B-22
Water Main Distribution Upgrades	B-7	Reclaim Water System Data Flow Improvement	B-23
Well Abandonment	B-8	Britt Road Utility Extension	B-24
Fire Hydrant Replacement	B-9	Employment Center Utility Extension	B-25
Valve Replacement Program	B-10	Employment Center Utility Loop	B-26
Water Meter Replacement	B-11	Biosolids Processing Facility	B-27
WWTP I Upgrades	B-12	WWTP II Expansion	B-28
WWTP I Clarifier Replacement Mechanisms	B-13	WWTP I & II Redundancy	B-29
WWTP II Upgrades	B-14	Stormwater Small Projects	B-30
Wastewater Collection Improvements	B-15	Pine Street to US 441 Pipe Installation	B-31
Lift Station Upgrades	B-16		

All or a portion of the project is recommended to be included in the 2014-15 Budget

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APPENDIX A

GENERAL GOVERNMENT PROJECTS

INFORMATION TECHNOLOGY
PLANNING
POLICE
FIRE
LIBRARY
PUBLIC WORKS
CRA
NECRA
PARKS & RECREATION
BUILDING MAINTENANCE

**City of Mount Dora
2014-15 CIP Report
Discretionary Sales Tax Fund**

9/30/13 Available Balance		\$ 1,085,350
2013-14 Budgeted Net Revenues		978,950
2013-14 Bank Loan		388,250
Less 2013-14 Capital		
Police Vehicles	\$ 523,250	
Street, Curb & Sidewalk Improvements	433,950	
Downtown Streetscape Phase I	650	
Downtown Streetscape Phase II	240,000	
Primary Gateway Monuments	125,000	
Upgrade to Buildings	145,900	
IT Replacements	55,000	
Public Works Complex	15,000	
1 Thermal Camera	7,150	
Evans Park	56,800	
Total Capital	<u> </u>	(1,602,700)
Estimated 9/30/14 Balance		<u>849,850</u>
2014-15 Estimated Net Revenues		1,025,000
Less 2014-15 Capital		
A-1 Network Infrastructure Upgrades	\$ 91,000	
A-2 Street, Curb & Sidewalk Improvements	250,000	
A-3 ADA Sidewalks	50,000	
A-4 Public Works Complex	15,000	
A-5 Fire Airpaks	111,200	
Total Capital	<u> </u>	(517,200)
Less Current Debt Service		(133,250)
Estimated 9/30/15 Balance		<u>1,224,400</u>
2016 to 2018 Estimated Net Revenues		2,270,000
Grant for Rescue Boat		20,000
Less 2016-19 Listed CIP Capital		
A-2 2016-18 Street, Curb & Sidewalk Improve.	800,000	
A-3 2016-18 ADA Sidewalks	200,000	
A-6 Fire Truck Replacement	540,000	
A-6 Funds provided by Equip. Replace. Funds	(239,000)	
A-7 Rescue Boat	35,000	
A-8 Primary Gateway Monuments	150,000	
A-10 2017-18 Upgrade to Buildings	175,000	
A-11 2018-19 Police Vehicles	300,000	
A-12 Public Safety Complex Security Upgrade	40,500	
A-13 Old US 441 Boulevard Construction	25,500	
Total Capital	<u> </u>	(2,027,000)
Less Current Debt Service		(255,050)
9/30/19 Est. Amount Available for Future Projects		<u>\$ 1,232,350</u>

New CIP projects

City of Mount Dora Capital Improvement Program

Project Name:	Network Infrastructure Upgrade	Department IT
Project Description:	Replace aging network infrastructure including network switches, clean/re-terminate fiber optic cables, UPSes	Fund Various
		Project Number IT1401
		Dept. Priority: 1
Note: Add any attachments on Project Map or Graphic Sheet		

Project Justification

- Existing network switches at Public Safety were installed in 2006, and the other facilities were installed in 2005 (life expectancy is 10 yrs.). Newer switches will have the ability to be remotely monitored & redundant cooling. 1 Core switch - \$15,000 28 Edge Switches @ \$2000 each = \$71,000
- Fiber Optic Cabling was installed in 1998 (life expectancy is 25 yrs., but cleaning and re-termination is needed periodically - \$5000. New Fiber Optic and Equipment for Donnelly Park WIFI - \$10,000.
- UPS replacements at City Hall-3, PubSaf-1, Lib-1, WTP-1, WWTP1-1, WWTP2-1, Lake Center-1, FD2-1 = 10 @ \$1000 = \$10,000. UPSes are aging and out of warranty and need to be replaced. Several rack mount UPSes have died and been temporarily replaced with desktop type units giving much less runtime capability.

Operational Impacts

		ESTMATED PROJECT COSTS						
Activity	%	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment		85,000	96,000	-	-	-	-	-
Other Cost		-	-	-	-	-	-	-
Contingency	0%	-	-	-	-	-	-	-
Inflation (%/year)	0%	-	-	-	-	-	-	-
Total		\$ 85,000	\$ 96,000	\$ -				

		FUNDING SOURCE						
		13/14	14/15	15/16	16/17	17/18	18/19	Future
Discretionary Sales		\$ 55,000	\$ 91,000	\$ -	\$ -	\$ -	\$ -	\$ -
Electric		12,000	-	-	-	-	-	-
Water & WW		12,000	5,000	-	-	-	-	-
Stormwater		6,000	-	-	-	-	-	-
Debt		-	-	-	-	-	-	-
Total		\$ 85,000	\$ 96,000	\$ -				

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name:	Street Resurfacing Program	Department PW - Streets
Project Description: Annual resurfacing and repairs of City streets		Fund Discretionary Sales Tax
		Project Number CP0809
Note: Add attachments on Project Map or Graphic Sheet		Dept. Priority: 1

Project Justification

Staff has completed a comprehensive pavement assessment of all streets in the City of Mount Dora and has determined that the roadways are in relatively good shape. This is due in large part to our on-going preventative repair program. It is imperative that this program continue to be budgeted. It is anticipated that funding formulas currently under consideration will result in a reduction of future funds.

Operational Impacts

Note: Debt Service to be added by Finance

Repaving and preventative repairs result in decreased operational / maintenance cost over time.

ESTIMATED PROJECT COSTS

Activity	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	-	-	-	-	-	-	-
Construction	433,950	217,391	173,913	173,913	173,913	173,913	-
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	32,609	26,087	26,087	26,087	26,087	-
Inflation (0%/year)	-	-	-	-	-	-	-
Total	\$ 433,950	\$ 250,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ -

FUNDING SOURCE

	13/14	14/15	15/16	16/17	17/18	18/19	Future
Discretionary Sales	\$ 433,950	\$ 250,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ -
Enterprise Fund	-	-	-	-	-	-	-
Other Fund	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ 433,950	\$ 250,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name:	Sidewalk ADA Compliance & Replacement	Department PW - Streets
Project Description		Fund Assignment (By Finance) Discretionary Sales Tax
In compliance with American with Disability Act (ADA), the City of Mount Dora is working to replace sidewalks that do not comply with ADA standards. In addition, we have identified sidewalks that are structurally deficient that requie replacement.		Project Number CP1114
		Dept. Priority: 1
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification	
In order to meet the requirements of our agreement with the Federal Highway Administration (FHWA), the City of Mount Dora has to develop a plan fir and fund retrofit projects to correct deficiencies. In additon, we have sidewalks that have either failed structurally, have joint separation or have been impacted by tree roots that need to be addressed through grinding or replacement.	

Operational Impacts	Note: Debt Service to be added by Finance
The repair or replacement of sidewalks whether for ADA compliance or for structural reasons ultimately reduces the City's overall operational cost in dealing with citizen complaints.	

ESTIMATED PROJECT COSTS							
Activity	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Permitting & Fees	-	-	-	-	-	-	-
Construction	-	50,000	50,000	50,000	50,000	50,000	50,000
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	-	-	-	-	-	-
Inflation (0%/year)	-	-	-	-	-	-	-
Total	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000

FUNDING SOURCE							
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Discretionary Sales	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name:	Public Works Building	Department Public Works
Project Description	Construct a new Public Works Building to house Administration, Streets, Water and Sewer, Stormwater, Electric, Purchasing, etc. Phase I consist of repairing the roof vents (source of water intrusion) and utilizing the building for storage. Phase II is the construction of a new building on the east side of the Highland Street property.	Fund Various/Debt
		Project Number CP1302
Note: Add attachments on Project Map or Graphic Sheet		Dept. Priority: 4

Project Justification	The previous building had to be decommissioned due to mold and other environmentally hazardous conditions identified during a inspection of the facility. Currently, the Public Works staff is operation out of five different rented, temporary and permanent facilities. By moving the entire operation back into a single location, the management and operational efficiencies will be much improved.
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Operational Impacts	Note: Debt Service to be added by Finance
It is anticipated that a new facility will have more modern energy efficient fixtures that should result in energy savings.	

ESTIMATED PROJECT COSTS							
Activity	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	500	-	-	-	-	-	25,000
Construction	175,000	50,000	-	-	-	-	2,075,000
Other Cost	4,500	-	-	-	-	-	-
Contingency (15%)	-	-	-	-	-	-	345,000
Inflation (3%/year)	-	-	-	-	-	-	396,700
Total	\$ 200,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 3,041,700

FUNDING SOURCE							
	13/14	14/15	15/16	16/17	17/18	18/19	Future
Disc. Sales Tax	\$ 15,000	\$15,000	\$ -	\$ -	\$ -	\$ -	\$ 912,500
Electric Fund	15,000	15,000	-	-	-	-	912,500
Water & Sewer Fund	165,000	15,000	-	-	-	-	912,500
Stormwater Fund	5,000	5,000	-	-	-	-	304,200
Debt	-	-	-	-	-	-	-
Total	\$ 200,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 3,041,700

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name:	Fire Airpaks	Department Fire
Project Description:	We are requesting funds to purchase sixteen (16) SCBA's at a cost of \$6,947.00 per unit. Each SCBA includes a 4.5 Air-Pak 75 with standard harness and belt, regulator with quick connect hose, dual EBSS, and Pak-Tracker. Each unit includes AV-3000 HT Medium Headset with Kelvar Headnet and right side communication brackets. It also includes a voice amplifier and a 45 minute carbon cylinder and valve, plus a spare cylinder per unit.	Fund Discretionary Sales Tax
		Project Number FD1401
		Dept. Priority: 1
Note: Add any attachments on Project Map or Graphic Sheet		

Project Justification

This is a high priority request due to the fact that our current SCBA's obsolete. Because we are more than two standards behind, we are out of compliance. There are two parts to this request. 1.) We will be replace our current thirty-two (32) cylinders in 2015 due to the inability to meet hydrostatic testing requirements. It will cost \$30,000 to replace these cylinders, which is only a part of the whole SCBA system. 2.) The AirPak and regulators will need to be replaced by 2016 to meet the 2013 Edition of NFPA. If we were to purchase just the cylinders, they will only be compatible for our current SCBA. New cylinders would have to be purchased for a new SCBA system. By purchasing the entire SCBA system in 2015, we will save \$30,000. .

Operational Impacts

Our SCBA units will be out of warranty this coming year, resulting in high repair cost. We are able to save more than \$57,000 by purchasing the SCBA through a neighboring county contract. We will receive a 34% discount off the list price. We will experience an increase in costs for repairs as the warranty will be expiring.

ESTMATED PROJECT COSTS

Activity	%	Previous	14/15	15/16	16/17	17/18	18/19	Future
Equipment		\$ -	\$ 111,200	\$ -	\$ -	\$ -	\$ -	\$ -
Other Cost		-	-	-	-	-	-	-
Contingency	0%	-	-	-	-	-	-	-
Inflation (%/year)	3%	-	-	-	-	-	-	-
Total		\$ -	\$ 111,200	\$ -				

FUNDING SOURCE

		Previous	14/15	15/16	16/17	17/18	18/19	Future
Discretionary Sales		\$ -	\$ 111,200	\$ -	\$ -	\$ -	\$ -	\$ -
Grant		-	-	-	-	-	-	-
Total		\$ -	\$ 111,200	\$ -				

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name:	Fire Truck Replacement	Department Fire
Project Description:	Replace 1998 Pierce front line apparatus and the equipping the truck.	Fund Various
		Project Number FD1501
		Dept. Priority: 1
Note: Add any attachments on Project Map or Graphic Sheet		

Project Justification

Vehicle is beyond its 10 year life span by 5 years and has surpassed it's reliability as a front line first response unit. During 2014-15, a study will be conducted on the feasibility of adding Quick Response Unit as an additional piece of equipment rather than replacing the fire truck.

Operational Impacts

		ESTMATED PROJECT COSTS						
Activity	%	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction		-	-	-	-	-	-	-
Vehicle & Equipment		-	-	540,000	-	-	-	-
Other Cost		-	-	-	-	-	-	-
Contingency	0%	-	-	-	-	-	-	-
Inflation (%/year)	0%	-	-	-	-	-	-	-
Total		\$ -	\$ -	\$ 540,000	\$ -	\$ -	\$ -	\$ -

		FUNDING SOURCE						
		Previous	14/15	15/16	16/17	17/18	18/19	Future
General Fund		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Discretionary Sales		-	-	301,000	-	-	-	-
Vehicle Replacement		-	-	239,000	-	-	-	-
Grant		-	-	-	-	-	-	-
Debt		-	-	-	-	-	-	-
Total		\$ -	\$ -	\$ 540,000	\$ -	\$ -	\$ -	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name:	Rescue Boat	Department Fire
Project Description:	Water Rescue Package consist of: 16'3" rescue boat with navigation lights, bilge pump, tool boxes, 40HP 4 Stroke propeller driven with electric start, power tilt/trim outboard. Command console with steering, seat and engine controls. Diver platform, light bar mount and transport trailer. Vinyl bimini top, custom fitted cover. Fire fighter pump - converts rescue and recovery boat into a waterfront fire boat. It produces 230 GPM at high pressure from the monitor and 550 GPM at low pressure when used as a water source for land based fire apparatus. Firefighter pump has a hand primer system up to 20' lift. 2.5" monitor with stacked tip nozzle and stream shaper.	Fund Discretionary Sales Tax/ Grant
		Project Number FD1502
Note: Add any attachments on Project Map or Graphic Sheet		Dept. Priority: 1

Project Justification

Our community relies on the services of the fire department to provide water emergency services for at least five major special events every year, besides the everyday recreational use of the lakes. We respond to water rescue emergencies at an average of 10 times a year. Unfortunately, we currently do not have a boat to respond with. Because of our inter-local relationships with two adjacent city fire departments, we have been able to borrow a boat for a few special events that required us to be on the water. This is not a good solution because many times all three cities have special events on the same day.

Operational Impacts

The life expectancy for the boat is approximately 10 years. Considering this, the cost to be ready and able to respond to any water emergencies is about \$11.85 per day for the next 10 years. Purchase will be made when a grant for a majority of the cost can be obtained.

		ESTMATED PROJECT COSTS						
Activity	%	Previous	14/15	15/16	16/17	17/18	18/19	Future
Vehicle & Equipment		\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ -
Other Cost		-	-	-	-	-	-	-
Contingency	0%	-	-	-	-	-	-	-
Inflation (%/year)	0%	-	-	-	-	-	-	-
Total		\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ -

		FUNDING SOURCE						
		Previous	14/15	15/16	16/17	17/18	18/19	Future
Discretionary Sales		\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ -
Impact Fee Fund		-	-	-	-	-	-	-
Grant		-	-	20,000	-	-	-	-
Total		\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name:	Primary Gateway Monuments	Department Planning & Development
Project Description:	This is Phases 2 -5 of Gateway Monumentation Project.	Fund Discretionary Sales Tax
		Project Number CP1304
		Dept. Priority: 1
Note: Add any attachments on Project Map or Graphic Sheet		

Project Justification

This is phase 2 to 5 of the gateway monumentation project as outlined in the Envision Mount Dora Long Range Visioning Study. The purpose of this project is to provide a consistently themed directional and identification plan to guide visitors from our gateway intersections along our commercial corridors to the downtown and northeast business district.

Operational Impacts

		ESTIMATED PROJECT COSTS						
Activity	%	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design		\$ 59,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Permitting & Fees		-	-	-	-	-	-	-
Construction		65,000	-	100,000	50,000	-	-	-
Constr. Management		800	-	-	-	-	-	-
Other Cost		-	-	-	-	-	-	-
Contingency	0%	-	-	-	-	-	-	-
Inflation (%/year)	0%	-	-	-	-	-	-	-
Total		\$ 125,000	\$ -	\$ 100,000	\$ 50,000	\$ -	\$ -	\$ -

		FUNDING SOURCE						
		13/14	14/15	15/16	16/17	17/18	18/19	Future
General Fund		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Discretionary Sales		125,000	-	100,000	50,000	-	-	-
Grant		-	-	-	-	-	-	-
Debt		-	-	-	-	-	-	-
Total		\$ 125,000	\$ -	\$ 100,000	\$ 50,000	\$ -	\$ -	\$ -
Annual Operating Cost		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

City of Mount Dora Capital Improvement Program

Project Name:	Downtown Streetscape - Phase 3,4,5 Engineering	Department Planning/CRA
Project Description:	Engineering only for the Streetscape work - remove & replace sidewalk & curb; remove planter boxes; install in-ground electrical service boxes, additional antique street lamps & palm trees; ADA ramps at corners; mill pavement for proper drainage; paver crosswalks. Does not include water, sanitary sewer, stormwater, or required road reconstruction for these utilities. City Council moved the design phase forward. The construction costs and the proposed timetable for construction shall be determined (TBD). Note: Add any attachments on Project Map or Graphic Sheet	Fund Various
		Project Number CR1401
		Dept. Priority: 1

Project Justification

To improve safety and ease of movement for pedestrians; enhance visual appeal of downtown.

Operational Impacts

ESTMATED PROJECT COSTS								
Activity	%	13/14	14/15	15/16	16/17	17/18	18/19	Future
Engineering		\$ 503,800	\$ -		\$ -	\$ -	\$ -	\$ -
Permitting & Fees		-	-	-	-	-	-	-
Construction		-	TBD	TBD	-	-	-	-
MOT		-	-	-	-	-	-	-
CM Services		-	-	-	-	-	-	-
Water & Wastewater		-	-	-	-	-	-	-
Stormwater		-	-	-	-	-	-	-
Contingency	0%	-	-	-	-	-	-	-
Inflation (%/year)	0%	-	-	-	-	-	-	-
Total		\$ 503,800	\$ -					

FUNDING SOURCE								
		13/14	14/15	15/16	16/17	17/18	18/19	Future
Discretionary Sales		\$ 25,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CRA		151,450	-	-	-	-	-	-
Electric		87,700	-	-	-	-	-	-
Water & Wastewater		155,700	-	-	-	-	-	-
Stormwater		83,450	-	-	-	-	-	-
Debt		-	-	-	-	-	-	-
Total		\$ 503,800	\$ -					

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name:	Facility Upgrades	Department Building Maintenance
Project Description:	To repair or improve various City facilities including roofs, A/C units, security systems, gutters, interior repairs or renovations, etc.	Fund Discretionary Sales Tax
		Project Number CP1002
		Dept. Priority: 1
Note: Add any attachments on Project Map or Graphic Sheet		

Project Justification

To continue to fund various repair projects and upgrades as needed. Scheduling is based upon the unfunded lists provided by the various departments and Building Maintenance.

Operational Impacts

		ESTIMATED PROJECT COSTS						
Activity	%	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Permitting & Fees		-	-	-	-	-	-	-
Construction		145,930	-	75,000	-	100,000	-	-
Other Cost		-	-	-	-	-	-	-
Contingency	0%	-	-	-	-	-	-	-
Inflation (%/year)	0%	-	-	-	-	-	-	-
Total		\$ 145,930	\$ -	\$ 75,000	\$ -	\$ 100,000	\$ -	\$ -

		FUNDING SOURCE						
		13/14	14/15	15/16	16/17	17/18	18/19	Future
General Fund		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Discretionary Sales		145,930	-	75,000	-	100,000	-	-
Impact Fee Fund		-	-	-	-	-	-	-
Other Fund		-	-	-	-	-	-	-
Grant		-	-	-	-	-	-	-
Debt		-	-	-	-	-	-	-
Total		\$ 145,930	\$ -	\$ 75,000	\$ -	\$ 100,000	\$ -	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name:	Police Vehicles	Department Police
Project Description:	To replace Police vehicles on a ten year cycle.	Fund Discretionary Sales Tax
		Project Number CP1102
		Dept. Priority: 1
<small>Note: Add any attachments on Project Map or Graphic Sheet</small>		

Project Justification

A purchase of 4 unmarked and 14 marked vehicles will be made in 2013 with \$135,000 payment and future loan payments of \$133,231 in 2015, \$129,407 in 2016 and the final payment of \$125,584 in 2017. It is anticipated to return to annual purchases at \$125,000 for four vehicles per year. Discretionary Sales Tax will be used if renewed in 2018.

Operational Impacts

Reduced maintenance and gasoline costs.

		ESTIMATED PROJECT COSTS					
Activity	%	13/14	14/15	15/16	16/17	17/18	Future
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicles		523,250	-	-	-	150,000	150,000
Other Cost		-	-	-	-	-	-
Contingency	0%	-	-	-	-	-	-
Inflation (%/year)	0%	-	-	-	-	-	-
Total		\$ 523,250	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000

		FUNDING SOURCES					
		13/14	14/15	15/16	16/17	17/18	Future
General Fund		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Discretionary Sales		135,000	-	-	-	150,000	150,000
Impact Fee Fund		-	-	-	-	-	-
Other Fund		-	-	-	-	-	-
Grant		-	-	-	-	-	-
Debt		388,250	-	-	-	-	-
Total		\$ 523,250	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
Annual Operating Cost		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

City of Mount Dora Capital Improvement Program

Project Name:	Public Safety Complex Security Upgrade	Department
Project Description:	Public Safety Complex upgrade of existing CCTV system.	Police Department
		Fund
		Discretionary Sales Tax
		Project Number
		N/A
Note: Add any attachments on Project Map or Graphic Sheet		Dept. Priority: 2

Project Justification

The current security equipment is antiquated and is requiring continuous maintenance.

Operational Impacts

It is imperative that the Public Safety Complex have working security equipment. This is a liability issue.

		ESTIMATED PROJECT COSTS						
Activity	%	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		-	-	-	-	-	-	-
Permitting & Fees		-	-	-	-	-	-	-
Construction		-	-	-	-	-	-	-
Vehicle & Equipment		-	-	39,000	-	-	-	-
Other Cost		-	-	-	-	-	-	-
Contingency	0%	-	-	-	-	-	-	-
Inflation (%/year)	3%	-	-	1,500	-	-	-	-
Total		\$ -	\$ -	\$ 40,500	\$ -	\$ -	\$ -	\$ -

		FUNDING SOURCE						
		Previous	14/15	15/16	16/17	17/18	18/19	Future
General Fund		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Disc. Sales Tax		-	-	40,500	-	-	-	-
Impact Fee Fund		-	-	-	-	-	-	-
Other Fund		-	-	-	-	-	-	-
Grant		-	-	-	-	-	-	-
Debt		-	-	-	-	-	-	-
Total		\$ -	\$ -	\$ 40,500	\$ -	\$ -	\$ -	\$ -
Annual Operating Cost		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

City of Mount Dora Capital Improvement Program

Project Name:	Old US 441 Boulevard Construction	Department Planning/Public Works
Project Description:	Construct landscaping and street improvement to create a boulevard on Old US 441 from Greenway Drive to Eudora Circle.	Fund Discretionary Sales Tax
		Project Number N/A
		Dept. Priority:
Note: Add any attachments on Project Map or Graphic Sheet		

Project Justification

One of the vision projects. The timing of the project will be dependent on the improvements made to Eudora and Old US 441 intersection.

Operational Impacts

		ESTMATED PROJECT COSTS						
Activity	%	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 31,000
Land Acquisition		-	-	-	-	-	-	-
Permitting & Fees		-	-	-	-	-	-	-
Construction		-	-	-	-	-	-	640,000
Other Cost		-	-	-	-	-	-	-
Contingency	15%	-	-	-	-	-	3,000	101,000
Inflation (%/year)	3%	-	-	-	-	-	2,500	139,000
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,500	\$ 911,000

		FUNDING SOURCE						
		Previous	14/15	15/16	16/17	17/18	18/19	Future
General Fund		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Discretionary Sales		-	-	-	-	-	25,500	911,000
Other Fund		-	-	-	-	-	-	-
Grant		-	-	-	-	-	-	-
Debt		-	-	-	-	-	-	-
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,500	\$ 911,000
Annual Operating Cost		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**City of Mount Dora
2014-15 CIP Report
Recreation Impact Fee Fund**

	9/30/13 Available Balance	\$ 778,100
	2013-14 Revised Net Revenues	140,000
	Less 2013-14 Capital	
	Tremain Trail Development	373,600
	Tremain Trail Grant	(373,600)
	Rails to Trails	104,950
	Evans Park	75,100
	Total Capital	<u>(180,050)</u>
	Estimated 9/30/14 Balance	<u>738,050</u>
	 2014-15 Estimated Net Revenues	 150,000
	Less 2014-15 Capital	
A-16	Skateboard Park	<u>\$ 170,000</u>
	Total Capital	<u>(170,000)</u>
	Estimated 9/30/15 Balance	<u>718,050</u>
	 2016 to 2019 Estimated Net Revenues	 545,000
	Less 2016-19 Listed CIP Capital	
A-14	Lake Wekiva Trail	\$ 550,000
A-15	Moble Stage	<u>140,000</u>
	Total Capital	<u>(690,000)</u>
	9/30/19 Est. Amount Available for Future Projects	<u><u>\$ 573,050</u></u>
	 New CIP projects	

City of Mount Dora Capital Improvement Program

Project Name:	Lake Wekiva Trail	Department Parks & Recreation
Project Description:	The purchase of and/or conversion of the rail ROW's to trails to link existing and future trails to Lake Wekiva Trails. The budget is based upon the minimum amount required to be Contributed towards the purchase of the right-to-way from the railroad.	Fund Impact Fees - Park
		Project Number CP0903
		Dept. Priority: 1
Note: Add any attachments on Project Map or Graphic Sheet		

Project Justification

Based on Trails Master Plan.

Operational Impacts

		ESTMATED PROJECT COSTS						
Activity	%	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design		\$ 54,950	-	-	-	-	-	-
Land Acquisition		-	-	-	-	-	-	-
Permitting & Fees		-	-	-	-	-	-	-
Construction		50,000	-	-	550,000	-	-	-
Other Cost		-	-	-	-	-	-	-
Contingency	0%	-	-	-	-	-	-	-
Inflation (%/year)	0%	-	-	-	-	-	-	-
Total		\$ 104,950	-	-	\$ 550,000	-	-	-

		FUNDING SOURCE						
		13/14	14/15	15/16	16/17	17/18	18/19	Future
General Fund		-	-	-	-	-	-	-
Discretionary Sales		-	-	-	-	-	-	-
Park Impact Fee Fund		104,950	-	-	550,000	-	-	-
Grant		-	-	-	-	-	-	-
Debt		-	-	-	-	-	-	-
Total		\$ 104,950	-	-	\$ 550,000	-	-	-

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name:	Mobile Stage	Department Parks and Recreation
Project Description:	Purchase a mobile stage for entertainment in the city venues.	Fund Impact Fee - Parks
		Project Number N/A
		Dept. Priority: 1
Note: Add any attachments on Project Map or Graphic Sheet		

Project Justification

Event management and production

Operational Impacts

		ESTMATED PROJECT COSTS						
Activity	%	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Permitting & Fees		-	-	-	-	-	-	
Construction		-	-	-	-	-	-	
Equipment		-	-	-	-	125,000	-	
Other Cost		-	-	-	-	-	-	
Contingency	0%	-	-	-	-	-	-	-
Inflation (%/year)	3%	-	-	-	-	15,000	-	-
Total		\$ -	\$ -	\$ -	\$ -	\$ 140,000	\$ -	\$ -

		FUNDING SOURCE						
		Previous	14/15	15/16	16/17	17/18	18/19	Future
Discretionary Sales		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Impact Fee Fund		-	-	-	-	140,000	-	-
Other Fund		-	-	-	-	-	-	-
Grant		-	-	-	-	-	-	-
Debt		-	-	-	-	-	-	-
Total		\$ -	\$ -	\$ -	\$ -	\$ 140,000	\$ -	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name:	Skateboard Park	Department Parks and Recreation
Project Description:	Design and construction of skateboard park.	Fund Impact Fee - Parks
		Project Number N/A
		Dept. Priority: 1
Note: Add any attachments on Project Map or Graphic Sheet		

Project Justification	
For implementation of Parks and Recreation work plan.	

Operational Impacts	
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		ESTIMATED PROJECT COSTS						
Activity	%	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design		\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ -	
Land Acquisition		-	-	-	-	-	-	-
Permitting & Fees		-	-	7,000	-	-	-	
Construction		-	-	100,000	-	-	-	
Other Cost		-	-	6,000	-	-	-	
Contingency	15%	-	-	19,500	-	-	-	-
Inflation (%/year)	3%	-	-	22,500	-	-	-	-
Total		\$ -	\$ -	\$ 170,000	\$ -	\$ -	\$ -	\$ -

		FUNDING SOURCE						
		Previous	14/15	15/16	16/17	17/18	18/19	Future
Discretionary Sales		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Impact Fee Fund		-	-	170,000	-	-	-	-
Other Fund		-	-	-	-	-	-	-
Grant		-	-	-	-	-	-	-
Debt		-	-	-	-	-	-	-
Total		\$ -	\$ -	\$ 170,000	\$ -	\$ -	\$ -	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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**City of Mount Dora
2014-15 CIP Report
Library Impact Fee Fund**

9/30/13 Available Balance		\$ (738,350)
2013-14 Revised Revenues		100,000
Less 2013-14 Capital		
Building Expansion	35,000	
Books & Other Media	25,000	
Total Capital	<u> </u>	(60,000)
Less Current Debt Service - Interest Only		<u>(15,300)</u>
Estimated 9/30/14 Balance		<u>(713,650)</u>
2014-15 Estimated Net Revenues		100,000
Less 2014-15 Capital		
A-17 Books & Other Media	<u>25,000</u>	
Total Capital		(25,000)
Less Current Debt Service - Interest Only		<u>(18,000)</u>
Estimated 9/30/15 Balance		<u>(656,650)</u>
2016 to 2019 Estimated Net Revenues		305,000
Less 2016-19 Listed CIP Capital		
A-15 Books & Other Media	<u>95,000</u>	
Total Capital		(95,000)
Less Current Debt Service - Interest Only		<u>(68,000)</u>
9/30/19 Est. Amount Available for Future Projects		<u><u>\$ (514,650)</u></u>

City of Mount Dora Capital Improvement Program

Project Name:	Expansion of the Library Collection	Department Library
Project Description:	Supplemental funding for the purchase of additional library materials.	Fund Impact Fee - Library
		Project Number LE0501
		Dept. Priority: 1
Note: Add any attachments on Project Map or Graphic Sheet		

Project Justification

Since we are paid by the County library system based on circulation, we need this additional monies other than what is put in from the General Fund to buy additional library materials.

Operational Impacts

		ESTMATED PROJECT COSTS					
Activity	%	13/14	14/15	15/16	16/17	17/18	18/19
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Permitting & Fees		-	-	-	-	-	-
Construction		-	-	-	-	-	-
Vehicle & Equipment		-	-	-	-	-	-
Other Cost		60,000	60,000	60,000	60,000	60,000	60,000
Contingency	0%	-	-	-	-	-	-
Inflation (%/year)	0%	-	-	-	-	-	-
Total		\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000

		FUNDING SOURCE					
		13/14	14/15	15/16	16/17	17/18	18/19
General Fund		\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 40,000
Discretionary Sales		-	-	-	-	-	-
Impact Fee Fund		25,000	25,000	25,000	25,000	25,000	20,000
Other Fund		-	-	-	-	-	-
Grant		-	-	-	-	-	-
Debt		-	-	-	-	-	-
Total		\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000

Annual Operating Cost		\$ -	\$ -	\$ -	\$ -	\$ -
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APPENDIX B
UTILITY PROJECTS



ELECTRIC
WATER & WASTEWATER
STORMWATER

**City of Mount Dora
2014-15 CIP Report
Electric Fund**

9/30/13 Available Balance		\$ 3,092,850
2013-14 Budgeted Net Revenues		1,000,600
Less 2013-14 Capital		
Public Works Complex	\$ 165,000	
Wood Pole Replacement	50,000	
Evans Park Festival Service	18,000	
Dorset Underground Replacement	62,300	
Replace Bucket Truck	227,000	
Funds provided by Equip. Replace. Funds	(227,000)	
Downtown Streetscape - Phase I	1,600	
Downtown Streetscape - Phase II	519,650	
A-9 Downtown Streetscape - Future Phase	87,700	
New Computer Software	60,000	
Other Technology Projects	20,000	
Meter Replacement	89,200	
Total Capital	<u> </u>	(1,073,450)
Estimated 9/30/14 Balance		<u> 3,020,000</u>
2014-15 Estimated Net Revenues		750,000
Less 2014-15 Capital		
B-1 Wood Pole Replacement	50,000	
B-2 Meter Replacement	86,200	
B-3 SCADA Upgrade - Substation	142,900	
B-4 Javens Circle of Eudora	108,000	
A-4 Public Works Complex	15,000	
Total Capital	<u> </u>	(402,100)
Estimated 9/30/15 Balance		<u> 3,367,900</u>
2016 to 2019 Estimated Net Revenues		2,000,000
Less 2016-19 Listed CIP Capital		
B-1 Wood Pole Replacement	200,000	
B-2 Meter Replacement	101,000	
Total Capital	<u> </u>	(301,000)
9/30/19 Est. Amount Available for Future Projects		<u> \$ 5,066,900</u>

New CIP projects

City of Mount Dora Capital Improvement Program

Project Name:	Wood Pole Replacement	Department
Project Description:	Annual program to replace wood poles with concrete poles. Replacement costs assumes replacement of approximately 50 poles per year.	PW - Electric
		Fund
		Electric
		Project Number
		EL1102
Note: Add any attachments on Project Map or Graphic Sheet		Dept. Priority: 1

Project Justification

Comply with Storm Hardening Requirements of the Florida Public Service Commission (FPSC). Concrete poles withstand storms more effectively than wood poles and are not degraded by insects or other factors.

Operational Impacts

No estimate of changes to future operating costs has been made. However, operating costs should be lower since concrete poles have much lower maintenance requirements and a longer useful life.

		ESTIMATED PROJECT COSTS						
Activity	%	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		-	-	-	-	-	-	-
Permitting & Fees		-	-	-	-	-	-	-
Construction		50,000	50,000	50,000	50,000	50,000	50,000	-
Other Cost		-	-	-	-	-	-	-
Contingency	0%	-	-	-	-	-	-	-
Inflation (%/year)	3%	-	1,500	3,000	4,500	6,000	7,500	-
Total		\$ 50,000	\$ 51,500	\$ 53,000	\$ 54,500	\$ 56,000	\$ 57,500	\$ -

		FUNDING SOURCE						
		13/14	14/15	15/16	16/17	17/18	18/19	Future
Electric Fund		\$ 50,000	\$ 51,500	\$ 53,000	\$ 54,500	\$ 56,000	\$ 57,500	\$ -
Other Fund		-	-	-	-	-	-	-
Grant		-	-	-	-	-	-	-
Debt		-	-	-	-	-	-	-
Total		\$ 50,000	\$ 51,500	\$ 53,000	\$ 54,500	\$ 56,000	\$ 57,500	\$ -

Annual Operating Cost	\$ -						
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City of Mount Dora Capital Improvement Program

Project Name:	Electric Meter Replacement	Department
Project Description:	To replace existing radio read meters that have reached the end of their useful life.	PW-Electric
		Fund
		Electric
		Project Number
		EL0501
Note: Add any attachments on Project Map or Graphic Sheet		Dept. Priority: 1

Project Justification

To maintain operational functionality of radio-read meter system. A large percentage of the existing radio read meters were installed in the 2003 time frame and are beginning to fail. Meter failures create billing issues and increase meter reading costs.

Operational Impacts

Reduce operating costs associated with dealing with meter malfunctions and having to obtain manual meter readings.

		ESTIMATED PROJECT COSTS						
Activity	%	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Permitting & Fees		-	-	-	-	-	-	-
Construction		-	-	-	-	-	-	-
Equipment		89,200	86,200	26,200	26,200	24,300	24,300	-
Other Cost		-	-	-	-	-	-	-
Contingency	0%	-	-	-	-	-	-	-
Inflation (%/year)	3%	-	3,000	2,000	2,500	3,000	4,000	-
Total		89,200	89,200	28,200	28,700	27,300	28,300	-

		FUNDING SOURCE						
		13/14	14/15	15/16	16/17	17/18	18/19	Future
Electric Fund		\$ 89,200	\$ 89,200	\$ 28,200	\$ 28,700	\$ 27,300	\$ 28,300	\$ -
Water/Wastewater		-	-	-	-	-	-	-
Stormwater		-	-	-	-	-	-	-
Debt		-	-	-	-	-	-	-
Total		\$ 89,200	\$ 89,200	\$ 28,200	\$ 28,700	\$ 27,300	\$ 28,300	\$ -

Annual Operating Cost	\$ -						
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City of Mount Dora Capital Improvement Program

Project Name:	Javens Circle & Hampton Villas Underground System Replacement	Department PW - Electric
Project Description:	To replace existing direct-buried underground primary systems with new cable in conduits and pad-mount transformers in Javens Circle (off of Eudora Road south of Triangle Elementary) and Hampton Villas (Wardell Street north of Lincoln Ave)	Fund Electric
		Project Number N/A
		Dept. Priority: 1
Note: See Attachment A		

Project Justification

The existing underground systems at these locations were installed in the 1990's. Direct-buried cables typically start failing between 10-15 years, causing significant disruptions to customers. While it is difficult to predict when failures will begin, once failures start they tend to occur with increasing frequency. Another advantage of installing new cables in conduit is that it is much easier to access the cables should repairs be needed.

Operational Impacts

No estimates to future operating costs has been made. However, operating costs should decrease because future repairs of the old direct-buried systems will not be needed.

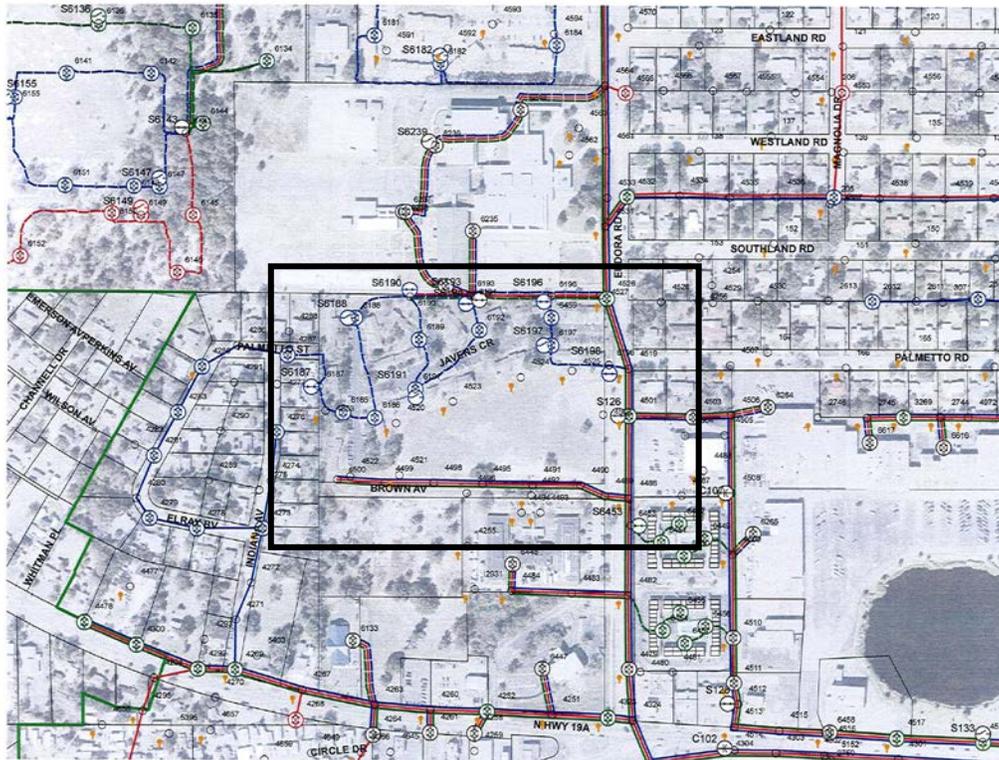
		ESTIMATED PROJECT COSTS						
Activity	%	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Permitting & Fees		-	-	-	-	-	-	-
Construction		-	73,200	-	-	-	-	-
Equipment		-	32,100	-	-	-	-	-
Other Cost		-	-	-	-	-	-	-
Contingency	0%	-	-	-	-	-	-	-
Inflation (%/year)	3%	-	3,500	-	-	-	-	-
Total		\$ -	\$ 108,800	\$ -	\$ -	\$ -	\$ -	\$ -

		FUNDING SOURCE						
		Previous	14/15	15/16	16/17	17/18	18/19	Future
Electric Fund		\$ -	\$ 108,800	\$ -	\$ -	\$ -	\$ -	\$ -
Water/Wastewater		-	-	-	-	-	-	-
Other Fund		-	-	-	-	-	-	-
Grant		-	-	-	-	-	-	-
Debt		-	-	-	-	-	-	-
Total		\$ -	\$ 108,800	\$ -	\$ -	\$ -	\$ -	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
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Electric Division - Capital Improvements Plan

Javens Circle & Hampton Villas Underground System Replacement – Attachment A



Javens Circle



Hampton Villas

City of Mount Dora Capital Improvement Program

Project Name:	Substation Improvements	Department
Project Description:	To replace feeder breaker M594 & M595 plus upgrade SCADA control equipment at the Mount Dora Substation.	Electric
		Fund
		Electric
		Project Number
		EL0502
	Note: See Attachment A	Dept. Priority: 1

Project Justification

Feeder Breaker M594 and M595 are over 25 years old and have had reliability issues. Many parts are no longer available. The replacement breaker is Duke Energy's standard feeder breaker. The SCADA equipment at the Mount Dora Substation runs on a computer that utilizes Windows XP, which Microsoft will stop supporting in 2014. The SCADA equipment upgrade will replace the process computer, utilize Windows 7, and implement a new text messaging capability for alarms.

Operational Impacts

Failure of Breaker M594 or M595 would result in a lengthy power outage for numerous customers and negatively impact system reliability. The Substation SCADA equipment/software is a critical element of control, security, and protection of the City's electric distribution system.

		ESTIMATED PROJECT COSTS						
Activity	%	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		-	-	-	-	-	-	-
Permitting & Fees		-	-	-	-	-	-	-
Construction		-	99,000	-	-	-	-	-
Equipment		-	39,400	-	-	-	-	-
Other Cost		-	-	-	-	-	-	-
Contingency	0%	-	-	-	-	-	-	-
Inflation (%/year)	3%	-	4,500	-	-	-	-	-
Total		\$ -	\$ 142,900	\$ -				

		FUNDING SOURCE						
		Previous	14/15	15/16	16/17	17/18	18/19	Future
Electric Fund		\$ -	\$ 142,900	\$ -	\$ -	\$ -	\$ -	\$ -
Other Fund		-	-	-	-	-	-	-
Grant		-	-	-	-	-	-	-
Debt		-	-	-	-	-	-	-
Total		\$ -	\$ 142,900	\$ -				

Annual Operating Cost	\$ -							
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Electric Division - Capital Improvements Plan

Substation Improvements – Attachment A



Feeder Breaker M594

B-4b

Electric Division - Capital Improvements Plan

Substation Improvements – Attachment A



SCADA Control Equipment at Mount Dora Substation

**City of Mount Dora
2014-15 CIP Report
Utility Operating Subfund**

	9/30/13 Available Balance	\$ 2,366,500
	2013-14 Budgeted Net Revenues	424,200
	CDBG Grant Funds	776,250
	2014 Loan Proceeds	4,929,250
	Less 2013-14 Capital	
A-4	Public Works Complex	\$ 15,000
B-5	Water Treatment Plant I Improvements	100,300
B-7	Water Main/Distribution Upgrades	119,250
	Water Improvements - CUP	47,300
B-11	Water Meter Replacements	134,500
B-12	Wastewater Treatment Plant I Upgrade	100,300
	WWTP I Oxidation Ditch Rotor Replacement	34,500
B-14	Wastewater Treatment Plant II Upgrade	89,700
B-16	Lift Station Upgrades	74,550
	Dewatering Filter Boxes	103,600
B-21	441 Utility Line Relocation - Plan & Design	213,200
	Mapping	90,000
	Evans Park Festival Service	11,600
	CDBG Project - Construction Portion	776,250
	Wastewater Collection Improvements	251,900
	Percolation Pond Electrical Improvements	264,600
	Downtown Streetscape - Phase I	3,000
	Downtown Streetscape - Phase II	982,700
A-9	Downtown Streetscape - Future Phase	155,700
	New Software	60,000
	Other Technology	20,000
	Municipal Wireless Network Project	50,000
	Total Capital	<u>(3,697,950)</u>
	Estimated 9/30/14 Balance	<u>4,798,250</u>
	2014-15 Estimated Net Revenues	950,000
	Less 2014-15 Capital	
A-4	Public Works Complex	15,000
B-5	Water Treatment Plant I Improvements	115,000
B-6	WTP I - Pump Building	86,250
B-7	Water Main/Distribution Upgrades	57,500
B-8	Well Abandonment	102,350
B-9	Fire Hydrant Replacement	118,500
B-10	Valve Replacement Program	57,500
B-11	Water Meter Replacements	57,500
B-12	Wastewater Treatment Plant I Upgrade	95,000
B-13	WWTP I Clarifier Replacement Mechanisms	575,000
B-14	Wastewater Treatment Plant II Upgrade	92,000
B-15	Wastewater Collection Improvements	200,000
B-16	Lift Station Upgrades	73,850
B-17	Percolation Pond Aeration	143,750
B-21	441 Utility Line Relocation - Plan & Design	2,500,000
A-1	Network Infrastructure Upgrades	5,000
	Total Capital	<u>(4,294,200)</u>
	Less Current Debt Service	<u>(225,000)</u>
	Estimated 9/30/15 Balance	<u>1,229,050</u>

	2016 to 2019 Estimated Net Revenues	3,550,000
	Less 2016-19 Listed CIP Capital	
B-5	Water Treatment Plant I Improvements	765,650
B-6	WTP I - Pump Building	793,000
B-7	Water Main/Distribution Upgrades	586,900
B-10	Valve Replacement Program	255,150
B-11	Water Meter Replacements	255,200
B-12	Wastewater Treatment Plant I Upgrade	408,000
B-14	Wastewater Treatment Plant II Upgrade	408,350
B-15	Wastewater Collection Improvements	800,000
B-16	Lift Station Upgrades	327,850
B-17	Percolation Pond Aeration	152,500
B-18	Percolation Pond Relining Study/Assessment	61,000
B-19	Water - Elevated Tank	637,750
B-20	Southwest Main Distribution Upsizing Study	129,450
B-22	WWTP I Effluent Valve Replacement	125,650
B-23	Reclaim Water Telemetry Improvement	244,000
	Total Capital	(5,950,450)
	Less Current Debt Service	(915,000)
	9/30/19 Est. Amount Available for Future Projects	<u>\$ (2,086,400)</u>

New CIP projects

Portion to be fund by debt

City of Mount Dora Capital Improvement Program

Project Name: Water Plant R&R	Department PW - Water
Project Description Ongoing repair and replacement projects at the existing Water Plant on Limit Avenue.	Fund Water & Wastewater
	Project Number WA0801
	Dept. Priority: 1
Note: Add attachments on Project Map or Graphic Sheet	

Project Justification	To keep plant equipment in good operating condition and in compliance with the current permit conditions.
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Operational Impacts	Note: Debt Service to be added by Finance
There is no operational impacts once the improvements are completed.	

Activity	ESTIMATED PROJECT COSTS						
	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	-	-	-	-	-	-	-
Construction	100,300	100,000	150,000	150,000	150,000	150,000	150,000
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	15,000	22,500	22,500	22,500	22,500	22,500
Inflation (3%/year)	-	-	10,500	16,000	21,650	27,500	33,500
Total	\$ 100,300	\$ 115,000	\$ 183,000	\$ 188,500	\$ 194,150	\$ 200,000	\$ 206,000

	FUNDING SOURCE						
	13/14	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater	\$ 100,300	\$ 115,000	\$ 183,000	\$ 188,500	\$ 194,150	\$ 200,000	\$ 206,000
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ 100,300	\$ 115,000	\$ 183,000	\$ 188,500	\$ 194,150	\$ 200,000	\$ 206,000

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name: Water Treatment Plant #1 Pump Building Replacement	Department PW - Water
Project Description Replace the high service pump building at Water Treatment Plant #1	Fund Water & Wastewater
	Project Number WA1602
	Dept. Priority: 1
Note: Add attachments on Project Map or Graphic Sheet	

Project Justification

Given the age of this water plant, staff believes it is prudent to complete several key improvements that have been delayed because of the lack of redundancy. Once the Eastside Water Plant comes on line, this type of project can be safely completed without jeopardizing the City's water system.

Operational Impacts

Note: Debt Service to be added by Finance

The is no operational impact once this project is complete.

ESTIMATED PROJECT COSTS

Activity	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	-	-	-	-	-	-	-
Construction	-	-	650,000	-	-	-	-
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	11,250	97,500	-	-	-	-
Inflation (3%/year)	-	-	45,500	-	-	-	-
Total	\$ -	\$ 86,250	\$ 793,000	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE

	Previous	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	86,250	793,000	-	-	-	-
Total	\$ -	\$ 86,250	\$ 793,000	\$ -	\$ -	\$ -	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name:	Water Main Distribution Upgrades	Department PW - Water
Project Description		Fund Water & Wastewater
Ongoing annual improvements to the water mains as projects and circumstances dictate.		Project Number WA0502
		Dept. Priority: 1
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification
To keep the water mains in good operation condition and in compliance with the current permit condition.

Operational Impacts	Note: Debt Service to be added by Finance
Replacing old utility pipes will reduce the amount of time that the water crew will need to spend on repairs. This will allow for more preventive maintenance work to be performed instead.	

ESTIMATED PROJECT COSTS							
Activity	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	-	-	5,000	5,000	5,000	5,000	5,000
Construction	119,250	50,000	100,000	100,000	100,000	100,000	125,000
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	7,500	17,250	17,250	17,250	17,250	21,000
Inflation (3%/year)	-	-	8,050	12,250	16,582	21,050	31,250
Total	\$ 119,250	\$ 57,500	\$ 140,300	\$ 144,500	\$ 148,800	\$ 153,300	\$ 192,250

FUNDING SOURCE							
	13/14	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater	\$ 119,250	\$ 57,500	\$ 140,300	\$ 144,500	\$ 148,800	\$ 153,300	\$ 192,250
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ 119,250	\$ 57,500	\$ 140,300	\$ 144,500	\$ 148,800	\$ 153,300	\$ 192,250

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name:	Well Abandonments	Department PW - Water
Project Description		Fund Water & Wastewater
Abandon two existing at the inactive Dora Pines Water Treatment Plant and well #1 at Water Treatment Plant No. 1 (formerly called Dora Pine Well Abandonment Project).		Project Number WA1506
		Dept. Priority: 1
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification	
In accordance with Exhibit A, condition No. 41 of the 2011 Consumptive Use Permit issues by the SJRWMD, the City of Mount Dora must seal and abandon the inactive well by August 9, 2016. Additionally, recent investigations at well #1 at WTP No. 1 indicates that it is financially and operationally appropriate for the City to abandon this well installed in 1929.	

Operational Impacts	Note: Debt Service to be added by Finance
Once the wells at Dora Pines are properly abandoned, the remaining site can be cleared of all structures. Then the City could declare the property as surplus and sell. With the opening of Water Treatment Plant No. 2, the abandonment of Well #1 will have no operational impact on the water system.	

ESTIMATED PROJECT COSTS							
Activity	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ 12,500	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	-	1,000	-	-	-	-	-
Construction	-	75,500	-	-	-	-	-
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	13,350	-	-	-	-	-
Inflation (3%/year)	-	-	-	-	-	-	-
Total	\$ -	\$ 102,350	\$ -	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE							
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater	\$ -	\$ 102,350	\$ -	\$ -	\$ -	\$ -	\$ -
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ -	\$ 102,350	\$ -	\$ -	\$ -	\$ -	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name	Fire Hydrant Replacements	Department Water & Wastewater
Project Description:	There are some older two port fire hydrants that should be replaced.	Fund Water & Wastewater
		Project Number WA1502
		Dept. Priority: 1
Note: Add any attachments on Project Map or Graphic Sheet		

Project Justification
Fire Hydrants should be upgraded to meet current standards.

Operational Impacts

		ESTIMATED PROJECT COSTS						
Activity	%	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		-	-	-	-	-	-	-
Permitting & Fees		-	-	-	-	-	-	-
Construction		-	100,000	-	-	-	-	-
Vehicle & Equipment		-	-	-	-	-	-	-
Other Cost		-	-	-	-	-	-	-
Contingency	15%	-	15,000	-	-	-	-	-
Inflation (%/year)	3%	-	3,500	-	-	-	-	-
Total		\$ -	\$ 118,500	\$ -	\$ -	\$ -	\$ -	\$ -

		FUNDING SOURCE						
		13/14	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater		\$ -	\$ 118,500	\$ -	\$ -	\$ -	\$ -	\$ -
Other Fund		-	-	-	-	-	-	-
Grant		-	-	-	-	-	-	-
Debt		-	-	-	-	-	-	-
Total		\$ -	\$ 118,500	\$ -	\$ -	\$ -	\$ -	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name	Valve Replacement Program	Department PW - Water
Project Description		Fund Water & Wastewater
Water valves are exercised each year resulting a determination of non-functioning valves that need to be replaced immediately.		Project Number WA1503
		Dept. Priority:
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification
Once valves are determined to be non-functioning during the FDEP mandated valve exercising process, the valves need to be replaced immediately to keep the full functionality of the entire water distribution system.

Operational Impacts	Note: Debt Service to be added by Finance
Replacing non-functioning valves improve the overall operation of the water distribution system and reduce service calls from customers.	

ESTIMATED PROJECT COSTS							
Activity	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Permitting & Fees	-	-	-	-	-	-	-
Construction	-	50,000	50,000	50,000	50,000	50,000	50,000
Vehicle & Equipment	-	-	-	-	-	-	-
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	7,500	7,500	7,500	7,500	7,500	7,500
Inflation (3%/year)	-	-	3,500	5,300	7,200	9,150	11,150
Total	\$ -	\$ 57,500	\$ 61,000	\$ 62,800	\$ 64,700	\$ 66,650	\$ 68,650

FUNDING SOURCE							
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater	\$ -	\$ 57,500	\$ 61,000	\$ 62,800	\$ 64,700	\$ 66,650	\$ 68,650
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ -	\$ 57,500	\$ 61,000	\$ 62,800	\$ 64,700	\$ 66,650	\$ 68,650

Annual Operating Cost	\$ -						
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City of Mount Dora Capital Improvement Program

Project Name	Water Meter Replacement	Department PW - Water
Project Description		Fund Water & Wastewater
Some of the original radio read water meters are reaching the end of their useful life and the register / batteries must be replaces.		Project Number WA0505
		Dept. Priority: 1
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification	
Work must be completed to keep the meters communicating to the meter readers and to insure accurate readings in conformance with the SJRWMD Consumptive Use Permit.	

Operational Impacts	Note: Debt Service to be added by Finance
When radio read meters begin to fail, the meters must be hand read resulting in more labor cost.	

ESTIMATED PROJECT COSTS							
Activity	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Permitting & Fees	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Vehicle & Equipment	-	-	-	-	-	-	-
Other Cost	134,500	50,000	50,000	50,000	50,000	50,000	50,000
Contingency (15%)	-	7,500	7,500	7,500	7,500	7,500	7,500
Inflation (3%/year)		-	3,500	5,350	7,200	9,150	11,150
Total	\$ 134,500	\$ 57,500	\$ 61,000	\$ 62,850	\$ 64,700	\$ 66,650	\$ 68,650

FUNDING SOURCE							
	13/14	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater	\$ 134,500	\$ 57,500	\$ 61,000	\$ 62,850	\$ 64,700	\$ 66,650	\$ 68,650
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ 134,500	\$ 57,500	\$ 61,000	\$ 62,850	\$ 64,700	\$ 66,650	\$ 68,650

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name	Wastewater Treatment Plant #1 Upgrades	Department
Project Description	Improvements to the treatment plant to keep it operating effectively.	Water & Wastewater
		Fund
		Water & Wastewater
		Project Number
		SR0802
Note: Add any attachments on Project Map or Graphic Sheet		Dept. Priority: 1

Project Justification

To replace old and failing equipment which should increase the flow and energy efficiency of the plant and keep the plant in FDEP permit compliance.

Operational Impacts

		ESTIMATED PROJECT COSTS						
Activity	%	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		-	-	-	-	-	-	-
Permitting & Fees		-	-	-	-	-	-	-
Construction		100,300	80,000	80,000	80,000	80,000	80,000	-
Other Cost		-	-	-	-	-	-	-
Contingency	15%	-	12,000	12,000	12,000	12,000	12,000	-
Inflation (%/year)	3%	-	3,000	6,000	8,500	11,500	14,000	-
Total		\$ 100,300	\$ 95,000	\$ 98,000	\$ 100,500	\$ 103,500	\$ 106,000	\$ -

		FUNDING SOURCE						
		13/14	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater		\$ 100,300	\$ 95,000	\$ 98,000	\$ 100,500	\$ 103,500	\$ 106,000	\$ -
Other Fund		-	-	-	-	-	-	-
Grant		-	-	-	-	-	-	-
Debt		-	-	-	-	-	-	-
Total		\$ 100,300	\$ 95,000	\$ 98,000	\$ 100,500	\$ 103,500	\$ 106,000	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name	Wastewater Treatment Plant #1 Clarifier Replacement Mechanisms	Department PW - Wastewater
Project Description		Fund Water & Wastewater
The clarifier framework has corroded and lost some of its structural strength. It is recommended that the framework that is in contact with the water be replaced with stainless steel.		Project Number SR1403
		Dept. Priority: 1
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification
If the clarifier framework fails, the plant operation will be severely impacted. It is doubtful that one clarifier can adequately process the sewage coming into the plant for a prolonged period of time. Project estimate is based on pricing from the manufacturer.

Operational Impacts	Note: Debt Service to be added by Finance
There will be no operational impacts once the repairs are made.	

ESTIMATED PROJECT COSTS.							
Activity	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -
Permitting & Fees	-	-	-	-	-	-	-
Construction	-	450,000	-	-	-	-	-
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	75,000	-	-	-	-	-
Inflation (3%/year)	-	-	-	-	-	-	-
Total	\$ -	\$ 575,000	\$ -				

FUNDING SOURCE							
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	575,000	-	-	-	-	-
Total	\$ -	\$ 575,000	\$ -				

Annual Operating Cost	\$ -						
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City of Mount Dora Capital Improvement Program

Project Name	Wastewater Plant #2 R&R	Department PW - Wastewater
Project Description Non-programed improvements and replacements to the wastewater treatment plant to insure operational efficiency.		Fund Water & Wastewater
		Project Number SR0804
		Dept. Priority: 1
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification	
To replace old and failing equipment which could increase flow and energy efficiency of the plant and keep the plant in FDEP Permit compliance.	

Operational Impacts	Note: Debt Service to be added by Finance
These projects should not have any adverse impact on operations once the work is completed.	

Activity	ESTIMATED PROJECT COSTS						
	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	-	-	-	-	-	-	-
Construction	89,700	80,000	80,000	80,000	80,000	80,000	80,000
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	12,000	12,000	12,000	12,000	12,000	12,000
Inflation (3%/year)	-	-	5,600	8,550	11,550	14,650	17,850
Total	\$ 89,700	\$ 92,000	\$ 97,600	\$ 100,550	\$ 103,550	\$ 106,650	\$ 109,850

	FUNDING SOURCE						
	13/14	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater	\$ 89,700	\$ 92,000	\$ 97,600	\$ 100,550	\$ 103,550	\$ 106,650	\$ 109,850
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ 89,700	\$ 92,000	\$ 97,600	\$ 100,550	\$ 103,550	\$ 106,650	\$ 109,850

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name	Wastewater Collection System Improvements	Department PW - Wastewater
Project Description	Ongoing annual improvements to the wastewater collection system. Continue mapping system with Redzone at \$36,000 per year. Additional defects in sewer system are being detected by the Redzone inspection process and a GIS map is being produced.	Fund Water & Wastewater
		Project Number SR0704
		Dept. Priority: 1
Note: Add any attachments on Project Map or Graphic Sheet		

Project Justification

To keep wastewater collection lines in good operating condition and in compliance with current permit conditions.

Operational Impacts

		ESTIMATED PROJECT COSTS						
Activity	%	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		-	-	-	-	-	-	-
Permitting & Fees		-	-	-	-	-	-	-
Construction		251,900	200,000	200,000	200,000	200,000	200,000	200,000
Vehicle & Equipment		-	-	-	-	-	-	-
Other Cost		-	-	-	-	-	-	-
Contingency	0%	-	-	-	-	-	-	-
Inflation (%/year)	0%	-	-	-	-	-	-	-
Total		\$ 251,900	\$ 200,000					

		FUNDING SOURCE						
		13/14	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater		\$ 251,900	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Other Fund		-	-	-	-	-	-	-
Grant		-	-	-	-	-	-	-
Debt		-	-	-	-	-	-	-
Total		\$ 251,900	\$ 200,000					

Annual Operating Cost	\$ -						
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City of Mount Dora Capital Improvement Program

Project Name	Lift Station Upgrades	Department PW - Wastewater
Project Description Repair and upgrade lift stations inclusive of concrete work, wet well lining, pipe and valve replacements, generator rehabilitation, electrical panel upgrades and pump refurbishing / replacement.		Fund Water & Wastewater
		Project Number SR0805
		Dept. Priority: 1
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification	
The 50 lift stations throughout the City are in various stages of deterioration due to age and wear. Upgrades are necessary to prevent failures and sewage overflows along with maintaining permit compliance.	

Operational Impacts	Note: Debt Service to be added by Finance
Maintaining lift station functionality and reliability reduces the chances of sewage spill and costly emergency repairs.	

Activity	ESTIMATED PROJECT COSTS						
	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	-	-	-	-	-	-	-
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	-	-	-	-	-	-	-
Construction	74,550	64,200	64,200	64,200	64,200	64,200	64,200
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	9,650	9,650	9,650	9,650	9,650	9,650
Inflation (3%/year)	-	-	4,500	6,850	9,300	11,800	14,350
Total	\$ 74,550	\$ 73,850	\$ 78,350	\$ 80,700	\$ 83,150	\$ 85,650	\$ 88,200

	FUNDING SOURCE						
	13/14	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater	\$ 74,550	\$ 73,850	\$ 78,350	\$ 80,700	\$ 83,150	\$ 85,650	\$ 88,200
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ 74,550	\$ 73,850	\$ 78,350	\$ 80,700	\$ 83,150	\$ 85,650	\$ 88,200

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name	Percolation Pond - Aeration	Department PW - Wastewater
Project Description		Fund Water & Wastewater
Install two solar bee brand aerators in the percolation ponds to reduce algae growth, improve reclaimed water quality and reduce potential system damage.		Project Number RE1501
		Dept. Priority: 1
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification
Staff and customers have complained about algae in the reclaimed water. This project will reduce the algae growth in an eco-friendly manner resulting in less damage to irrigation systems and reclaimed water distribution system.

Operational Impacts	Note: Debt Service to be added by Finance
By reducing algae concentrations, there will be less service calls for plugged irrigations heads and repairs to the reclaimed water distribution system. In addition, the operational cost for the aerators will be minimal since they operate predominately on solar power.	

ESTIMATED PROJECT COSTS							
Activity	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	-	-	-	-	-	-	-
Construction	-	125,000	125,000	-	-	-	-
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	18,750	18,750	-	-	-	-
Inflation (3%/year)	-	-	8,750	-	-	-	-
Total	\$ -	\$ 143,750	\$ 152,500	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE							
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater	\$ -	\$ 143,750	\$ 152,500	\$ -	\$ -	\$ -	\$ -
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ -	\$ 143,750	\$ 152,500	\$ -	\$ -	\$ -	\$ -

Annual Operating Cost	\$ -						
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City of Mount Dora Capital Improvement Program

Project Name	Percolation Pond - Relining Study	Department PW - Wastewater
Project Description		Fund Water & Wastewater
The liner in the percolation pond is getting very old and consideration should be given to replacement.		Project Number RE1502
		Dept. Priority: 2
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification	
If the liners fail, the City's reclaimed system could become greatly compromised due to excess reclaimed water that will have to be sent to the spray fields resulting in additional potable water having to be used to augment the lost reclaimed water.	

Operational Impacts	Note: Debt Service to be added by Finance
Replacing the liner will ensure the reclaimed water system functions properly and reduces the need to use more expensive potable water to offset the lost reclaimed water.	

Activity	ESTIMATED PROJECT COSTS						
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	-	7,500	-	-	-	-
Inflation (3%/year)	-	-	3,500	-	-	-	-
Total	\$ -	\$ -	\$ 61,000	\$ -	\$ -	\$ -	\$ -

	FUNDING SOURCE						
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater	\$ -	\$ -	\$ 61,000	\$ -	\$ -	\$ -	\$ -
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ 61,000	\$ -	\$ -	\$ -	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name	Elevated Water Tank Rehabilitation	Department PW - Water
Project Description		Fund Water & Wastewater
Provide spot repairs and paint the existing elevated water tank to increase the service life of the tank.		Project Number WA1601
		Dept. Priority: 2
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification

Until the new Eastern Water Treatment Plant is brought online, the elevated water tank provides critical water storage to the City of Mount Dora along with serving a site for numerous antennas. Once the new water plant is brought online, the tank is not as critical for water storage, but does serve a key role as an excellent antennae site. Either as a water storage tank or not, the elevated tank serves a critical communications function for the City of Mount Dora. As such, spot repairs and painting are needed to extend the life of this facility.

Operational Impacts

Note: Debt Service to be added by Finance

By performing these needed repairs, we will avoid potentially larger maintenance cost in the future.

ESTIMATED PROJECT COSTS

Activity	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	-	-	-	-	-	-	-
Construction	-	-	-	200,000	250,000	-	-
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	-	-	37,500	37,500	-	-
Inflation (3%/year)	-	-	-	26,650	36,100	-	-
Total	\$ -	\$ -	\$ -	\$ 314,150	\$ 323,600	\$ -	\$ -

FUNDING SOURCE

	Previous	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater	\$ -	\$ -	\$ -	\$ 314,150	\$ 323,600	\$ -	\$ -
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ 314,150	\$ 323,600	\$ -	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name	Southwest Water Distribution Study	Department PW - Water
Project Description		Fund Water & Wastewater
The water system needs upgrades in the southwest portion of the City in order to keep pressures and fire protection at acceptable levels. The first step in the process is to complete a study to determine specific improvements needed along with cost estimates.		Project Number WA1504
		Dept. Priority: 2
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification	
Previously, CPH completed an overall City water distribution study that accounts for future growth and the completion of the Eastside Water Plant. Their analysis indicated some future problems with pressure and fire protection flows in the southwest portion of the City as early as 2015 with the situation worsening as the City's population grows.	

Operational Impacts	Note: Debt Service to be added by Finance
Improving water pressure and fire flows will result in fewer service calls and could result in improved homeowners insurance rates for our customers.	

ESTIMATED PROJECT COSTS							
Activity	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	-	-	-	15,000	-	-
Inflation (3%/year)	-	-	-	-	14,450	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ 129,450	\$ -	\$ -

FUNDING SOURCE							
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater	\$ -	\$ -	\$ -	\$ -	\$ 129,450	\$ -	\$ -
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ 129,450	\$ -	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name:	US 441SR46 Utility Relocation	Department PW
Project Description		Fund Assignment (By Finance) Various
Relocation of water, wastewater and stormwater utilities due to the widening of US 441 from Donnelly Street to SR 46. Due to the lack of any formal plans from the FDOT, the cost estimates are rough at this time. Once 60 percent plans are provided, the scope and cost of the utility relocations can be refined.		Project Number CB1401
		Dept. Priority: 2
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification	Since City utilities are in the FDOT right of way, we are obligated to relocate our lines if they are impacted by the roadway improvements. In addition, we often have to coordinate with other utilities that have to relocate.
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Operational Impacts	Note: Debt Service to be added by Finance
There should not be any long term impacts on the City's operation of these lines.	

ESTIMATED PROJECT COSTS							
Activity	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ 213,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	-	75,000	-	-	-	-	-
Construction	-	2,000,000	-	-	-	-	-
Other Cost	-	50,000	-	-	-	-	-
Contingency (15%)	-	318,750	-	-	-	-	-
Inflation (3%/year)	-	56,250	-	-	-	-	-
Total	\$ 213,200	\$ 2,500,000	\$ -				

FUNDING SOURCE							
	13/14	14/15	15/16	16/17	17/18	18/19	Future
Water & Sewer Fund	\$ 213,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	2,500,000	-	-	-	-	-
Total	\$ 213,200	\$ 2,500,000	\$ -				

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name	Wastewater Treatment Plant #1 Effluent Valve Replacement	Department PW - Wastewater
Project Description		Fund Water & Wastewater
An existing plug valve has failed and must be replaced. The valve is 18 inches in diameter. Effluent flow is by an air plug at this time, which is not a good long term option. In addition to the failed valve, there are three additional valves of similar age that should be replace at this time.		Project Number SR1404
		Dept. Priority: 2
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification	
The effluent valve is needed to control wastewater coming from the filter and then the flow splits into the contact chambers. The treated wastewater is then sent other reclaim pumps for distribution to the system. Given the lack of redundancy at this plant, it is recommended to replace the aging valves to avoid any additional problems.	

Operational Impacts	Note: Debt Service to be added by Finance
There is no operational impacts once the repairs are completed.	

ESTIMATED PROJECT COSTS							
Activity	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ -	\$ -	\$ 10,000	\$ -	\$ -	\$ -
Permitting & Fees	-	-	-	-	-	-	-
Construction	-	-	-	90,000	-	-	-
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	-	-	15,000	-	-	-
Inflation (3%/year)	-	-	-	10,650	-	-	-
Total	\$ -	\$ -	\$ -	\$ 125,650	\$ -	\$ -	\$ -

FUNDING SOURCE							
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater	\$ -	\$ -	\$ -	\$ 125,650	\$ -	\$ -	\$ -
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ 125,650	\$ -	\$ -	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name	Reclaimed Water Telemetry Improvements	Department PW - Wastewater
Project Description		Fund Water & Wastewater
The existing reclaimed system functions as two individual system at this time. This project will upgrade the telemetry and controls to allow the system to act as a single system. The project was formerly Called Reclaim Water System Data Flow.)		Project Number RE1503
		Dept. Priority: 3
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification	
Upgrading the systems to operate as one will improve the redundancy of the existing reclaimed water system and allow the City to more effectively utilize the more increasingly valuable resource.	

Operational Impacts	Note: Debt Service to be added by Finance
Operations will improve once the systems are combined through greater operational efficiencies.	

Activity	ESTIMATED PROJECT COSTS						
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ -
Permitting & Fees	-	-	-	-	-	-	-
Construction	-	-	185,000	-	-	-	-
Vehicle & Equipment	-	-	-	-	-	-	-
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	-	30,000	-	-	-	-
Inflation (3%/year)	-	-	14,000	-	-	-	-
Total	\$ -	\$ -	\$ 244,000	\$ -	\$ -	\$ -	\$ -

	FUNDING SOURCE						
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater	\$ -	\$ -	\$ 244,000	\$ -	\$ -	\$ -	\$ -
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ 244,000	\$ -	\$ -	\$ -	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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**City of Mount Dora
2014-15 CIP Report
Water Impact Fee Subfund**

	9/30/13 Available Balance	\$ 21,950
	2013-14 Budgeted Net Revenues	275,000
	2014 Loan Proceeds	2,020,750
	Less 2013-14 Capital	
	East Area Water Treatment Plant	\$ 3,076,000
	1/2 SR 46 & Employ. Center ROW Purch.	27,700
	Total Capital	<u>(3,103,700)</u>
	Estimated 9/30/14 Balance	<u>(786,000)</u>
	 2014-15 Estimated Net Revenues	 300,000
	Less 2014-15 Capital	
B-24	Britt Road Utility Extension	<u>40,000</u>
	Total Capital	(40,000)
	Less Current Debt Service	<u>(145,000)</u>
	Estimated 9/30/15 Balance	<u>(671,000)</u>
	 2016 to 2019 Estimated Net Revenues	 4,740,000
	Less 2016-19 Listed CIP Capital	
B-24	Britt Road Utility Extension	1,960,000
B-25	Employment Center Utility Extension	2,027,450
B-26	Employment Center Utility Loop	<u>1,518,300</u>
	Total Capital	(5,505,750)
	Less Estimated Debt Service	<u>(780,000)</u>
	9/30/19 Est. Amount Available for Future Projects	<u><u>\$ (2,216,750)</u></u>
	New CIP projects	
	Portion to be fund by debt	

City of Mount Dora Capital Improvement Program

Project Name	Britt Road Utility Extensions	Department PW - Water/WW
Project Description		Fund W & WW Impact Fee/Debt
Install 17,500 lineal feet of 12 inch potable water main, 15,500 lineal feet of 10 inch sewer force main, and 16 inch reclaimed water line along Britt Road and SR 44 to provide for future development, water loop for Country Club of Mount Dora and the northern service area and loop of the reclaimed water line so that the entire system can serve as one system instead of two separate systems currently. (Formerly included Country Club Main Water Loop Project)		Project Number WA1505
		Dept. Priority: 2
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification	
As outlined in a recent studies, this project is needed to provide improved service, improved pressures, and redundancy. Cost temporarily allocated on 50/50 basis between water and wastewater impact fees.	

Operational Impacts	Note: Debt Service to be added by Finance
While there will be an incremental cost in maintaining these lines with the current staffing levels, the improved system wide pressure and redundancy in this portion of the City will be greatly enhanced along with the potential to increase revenue.	

Activity	ESTIMATED PROJECT COSTS						
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	-	-	10,000	5,000	-	-	-
Construction	-	-	1,625,000	1,600,000	-	-	-
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	11,250	245,250	240,750	-	-	-
Inflation (3%/year)	-	-	114,500	173,251	-	-	-
Total	\$ -	\$ 86,250	\$ 1,994,750	\$ 2,019,000	\$ -	\$ -	\$ -

	FUNDING SOURCE						
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Water/Wastewater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Impact Fees	-	40,000	75,000	885,000	-	-	-
WWater Impact Fees	-	46,250	369,750	1,134,000	-	-	-
Debt	-	-	1,550,000	-	-	-	-
Total	\$ -	\$ 86,250	\$ 1,994,750	\$ 2,019,000	\$ -	\$ -	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name	Employment Center Utility Extensions	Department PW - Water & Wastewater
Project Description		Fund W & WW Impact Fee
Install 15,000 lineal feet of 16 inch potable water main, 12 inch sewer force main, and 16 inch reclaimed water line along SR 46 and portions of Round Lake Road south to Sullivan Ranch		Project Number N/A
		Dept. Priority: 3
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification	
As outlined in a recent studies, this project is needed to provide utility service to the proposed Employment Center. Cost temporarily allocated on 50/50 basis between water and wastewater impact fees.	

Operational Impacts	Note: Debt Service to be added by Finance
While there will be an incremental cost in maintaining these lines with the current staffing levels, this system will provide additional revenue to the Water and Sewer Fund.	

Activity	ESTIMATED PROJECT COSTS						
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	-	-	-	-	15,000	-	-
Construction	-	-	-	-	1,500,000	1,500,000	-
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	-	-	11,250	227,250	225,000	-
Inflation (3%/year)	-	-	-	8,000	218,650	274,800	-
Total	\$ -	\$ -	\$ -	\$ 94,250	\$ 1,960,900	\$ 1,999,800	\$ -

	FUNDING SOURCE						
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Water Impact Fee	\$ -	\$ -	\$ -	\$ 47,100	\$ 980,450	\$ 999,900	\$ -
Wastewater Impact	-	-	-	47,150	980,450	999,900	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ 94,250	\$ 1,960,900	\$ 1,999,800	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name	Employment Center Utility Loop	Department PW - Water
Project Description		Fund W & WW Impact Fee
Install 10,500 lineal feet of 16 inch potable water main, 8 inch sewer force main and 16 inch reclaimed water line along Wolf Branch Road from Britt then Round Lake Road to SR 46.		Project Number N/A
		Note: Add attachments on Project Map or Graphic Sheet
		Dept. Priority: 3

Project Justification	
As outlined in a recent studies, this project is needed to provide improved utility service to the proposed Employment Center. Cost temporarily allocated on 50/50 basis between water and wastewater impact fees.	

Operational Impacts	Note: Debt Service to be added by Finance
While there will be an incremental cost in maintaining these lines with the current staffing levels, this system will provide additional revenue to the Water and Wastewater Fund.	

Activity	FUNDING					
	Previous	14/15	15/16	16/17	17/18	18/19
Planning & Design	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -
Land Acquisition	-	-	-	-	-	-
Permitting & Fees	-	-	-	-	10,000	-
Construction	-	-	-	-	1,000,000	1,250,000
Other Cost	-	-	-	-	-	-
Contingency (15%)	-	-	-	7,500	151,500	187,500
Inflation (3%/year)	-	-	-	5,350	145,800	229,000
Total	\$ -	\$ -	\$ -	\$ 62,850	\$ 1,307,300	\$ 1,666,500

	FUNDING SOURCE					
	Previous	14/15	15/16	16/17	17/18	18/19
Water Impact Fee	\$ -	\$ -	\$ -	\$ 31,400	\$ 653,650	\$ 833,250
Wastewater Impact	-	-	-	31,450	653,650	833,250
Grant	-	-	-	-	-	-
Debt	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ 62,850	\$ 1,307,300	\$ 1,666,500

Annual Operating Cost	\$ -					
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**City of Mount Dora
2014-15 CIP Report
Wastewater Impact Fee Subfund**

9/30/13 Available Balance		\$ 2,684,700
2013-14 Budgeted Net Revenues		410,000
2014 Loan Proceeds		550,000
Less 2013-14 Capital		
1/2 SR 46 & Employ. Center ROW Purch.	\$ 27,700	
Bio-Solids Processing Facility	500,000	
Total Capital		(527,700)
Less Current Debt Service		(702,850)
Estimated 9/30/14 Balance		<u>2,414,150</u>
2014-15 Estimated Net Revenues		550,000
Less 2014-15 Capital		
B-27 Bio-Solids Processing Facility	1,112,000	
B-24 Britt Road Utility Extension	46,250	
B-28 WWTP II Expansion	28,750	
B-29 WWTP I & II Redundancy	632,500	
Total Capital		(1,819,500)
Less Current Debt Service		(765,700)
Estimated 9/30/15 Balance		<u>378,950</u>
2016 to 2019 Estimated Net Revenues		5,265,000
Less 2016-19 Listed CIP Capital		
B-24 Britt Road Utility Extension	2,053,750	
B-28 WWTP II Expansion	506,300	
B-29 WWTP I & II Redundancy	1,220,050	
B-25 Employment Center Utility Extension	2,027,500	
B-26 Employment Center Utility Loop	1,518,350	
Total Capital		(7,325,950)
Less Current Debt Service		(3,078,500)
9/30/19 Est. Amount Available for Future Projects		<u>\$ (4,760,500)</u>
New CIP projects		
Portion to be fund by debt		

**City of Mount Dora
2014-15 CIP Report
Stormwater Fund**

9/30/13 Available Balance		\$ 1,112,500
2013-14 Budgeted Net Revenues		243,000
2014 Grants		829,050
Less 2013-14 Capital		
Lake Dora Water Quality Upgrade	\$ 25,900	
7th Ave Stormwater Improvements	1,335,000	
8th Ave Stormwater Improvements	38,450	
Downtown Streetscape - Phase I	1,600	
Downtown Streetscape - Phase II	512,300	
Downtown Streetscape - Future Phase	83,450	
Evans Park Festival Service	11,600	
Public Works Complex	5,000	
New Software	30,000	
Other Technology	10,000	
Total Capital	<u> </u>	<u>(2,053,300)</u>
Estimated 9/30/14 Balance		<u>131,250</u>
2014-15 Estimated Net Revenues		300,000
Less 2014-15 Capital		
B-30 Small Projects	111,500	
A-4 Public Works Complex	5,000	
Total Capital	<u> </u>	<u>(116,500)</u>
Estimated 9/30/15 Balance		<u>314,750</u>
2016 to 2019 Estimated Net Revenues		1,265,000
Dogwood Mountain Special Assessment Repayment		47,500
Less 2016-19 Listed CIP Capital		
B-30 Small Projects	510,500	
B-31 Pine Street (Wardell to 441) Pipe Installation	122,000	
Total Capital	<u> </u>	<u>(632,500)</u>
9/30/19 Est. Amount Available for Future Projects		<u><u>\$ 994,750</u></u>

City of Mount Dora Capital Improvement Program

Project Name	Biosolids Solar Drying Facility	Department PW - Wastewater
Project Description		Fund Wastewater Impact
<p>Construct a Biosolids Facility designed to treat biosolids generated from the existing wastewater treatment plants in a cost effective and environmentally safe manner. McKim & Creed was retained to evaluate (ongoing) various drying methods. In addition, this facility will process the Class B biosolids into a Class AA licensed fertilizer that can be safely used for agricultural applications, golf courses, parks, etc. Recently, a peer review of the original concept resulted in a modified project that requires a smaller footprint, results in shorter drying times and meets the FDEP concerns with monitoring individual batches.</p>		Project Number SR1301
Note: Add attachments on Project Map or Graphic Sheet		Dept. Priority: 1

Project Justification	
<p>With the cost of hauling and disposing of biosolids expected to continue to rise, this proposed facility is expected to reduce the current \$600,000 annual cost to haul and dispose of biosolids from the City's two wastewater facilities. Since biosolids consist mostly of water, removing water will result in substantial net savings. The ability to apply the final product to agricultural lands and plant beds would result in even greater cost saving.</p>	

Operational Impacts	Note: Debt Service to be added by Finance
<p>While there are operational cost associated with dewatering and converting biosolids for potential land application. The net annual savings associated with this project will be between \$400,000 and \$500,000 in hauling and disposal cost along with the potential revenue from selling the fertilizer.</p>	

Activity	ESTIMATED PROJECT COSTS					
	13/14	14/15	15/16	16/17	17/18	18/19
Planning & Design	\$ 112,000	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	-	-	-	-	-	-
Permitting & Fees	-	-	-	-	-	-
Construction	388,000	1,112,000	-	-	-	-
Other Cost	-	-	-	-	-	-
Contingency (15%)	-	-	-	-	-	-
Inflation (3%/year)	-	-	-	-	-	-
Total	\$ 500,000	\$ 1,112,000	\$ -	\$ -	\$ -	\$ -

	FUNDING SOURCE					
	13/14	14/15	15/16	16/17	17/18	18/19
Wastewater Impact	\$ 500,000	\$ 1,112,000	\$ -	\$ -	\$ -	\$ -
Other Fund	-	-	-	-	-	-
Grant	-	-	-	-	-	-
Total	\$ 500,000	\$ 1,112,000	\$ -	\$ -	\$ -	\$ -

Annual Operating Cost	\$ (200,000)	\$ (400,000)	\$ (400,000)	\$ (400,000)	\$ (400,000)
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City of Mount Dora Capital Improvement Program

Project Name	WWTP #1 and WWTP #2 Flow Redundancy	Department PW - Wastewater
Project Description		Fund Wastewater Impact Fee
Prepare a plan to allow for the diversion of sanitary sewer flows from WWTP #1 to WWTP #2 in the event of difficulties at WWTP #1. An engineering study will be performed that will make recommendations to achieve this goal along with providing cost estimates.		Project Number SR1405
		Dept. Priority: 3
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification	Redundancy between the two wastewater plants is highly desirable in the case of natural disaster or plant shutdown / loss capacity. There is currently the ability to divert flows from WWTP #2 to WWTP #1, but there is no way to divert flows from WWTP #1 to WWTP #2. This evaluation will also review the cost effectiveness of taking WWTP #1 off line permanently in lieu of operational and future repair cost.
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Operational Impacts	Note: Debt Service to be added by Finance
In the event of a disaster or partial / full plant shutdown, the City would have to utilize the services of multiple pumper trucks to physically move wastewater flows from WWTP #1 to WWTP #2 at extremely high cost.	

Activity	ESTIMATED PROJECT COSTS						
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	-	-	-	-	-	-	-
Construction	-	500,000	1,000,000	-	-	-	-
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	82,500	150,000	-	-	-	-
Inflation (3%/year)	-	-	70,050	-	-	-	-
Total	\$ -	\$ 632,500	\$ 1,220,050	\$ -	\$ -	\$ -	\$ -

	FUNDING SOURCE						
	Previous	14/15	15/16	16/17	17/18	18/19	Future
WW Impact Fee	\$ -	\$ 632,500	\$ 1,220,050	\$ -	\$ -	\$ -	\$ -
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ -	\$ 632,500	\$ 1,220,050	\$ -	\$ -	\$ -	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name	Wastewater Treatment Plant #2 Expansion	Department PW - Wastewater
Project Description		Fund Wastewater Impact Fund
Design, permit and construct the expansion of Wastewater Treatment Plant #2 from the current 1.25 million gallons per day (MGD) capacity to 3.5 MGD. Phase I will consist of the evaluation and process modifications necessary to rerate the plant from 1.25 MGD to 1.75 MGD, the Phase II will consist of building a mirror image of the current plant to the west with a total capacity of 3.50 MGD.		Project Number N/A
		Dept. Priority: 3
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification

In accordance with the FDEP Permit for Wastewater Treatment Plants #1 &2, the City has to begin the evaluation process and report to FDEP on expansion plans once either plant reaches 80 percent of permitted capacity. Since Wastewater Treatment Plant #2 was designed to be expanded, any future expansion of the City's sanitary sewer capacity would need to occur at Plant #2. With the anticipated growth in service area population, it is anticipated that this expansion will need to occur around 2020.

Operational Impacts Note: Debt Service to be added by Finance

The expanded plant will have additional operating cost that should be offset by increased revenue from treating sewage.

Activity	ESTIMATED PROJECT COSTS						
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 750,000
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	-	-	15,000	-	-	-	50,000
Construction	-	-	400,000	-	-	-	7,000,000
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	3,750	62,250	-	-	-	1,170,000
Inflation (3%/year)	-	-	29,050	-	-	-	1,741,100
Total	\$ -	\$ 28,750	\$ 506,300	\$ -	\$ -	\$ -	\$ 10,711,100

	FUNDING SOURCE						
	Previous	14/15	15/16	16/17	17/18	18/19	Future
WW Impact Fund	\$ -	\$ 28,750	\$ 506,300	\$ -	\$ -	\$ -	\$ -
Other Funds	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	10,711,100
Total	\$ -	\$ 28,750	\$ 506,300	\$ -	\$ -	\$ -	\$ 10,711,100

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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**City of Mount Dora
2014-15 CIP Report
Stormwater Fund**

9/30/13 Available Balance		\$ 1,112,500
2013-14 Budgeted Net Revenues		243,000
2014 Grants		829,050
Less 2013-14 Capital		
Lake Dora Water Quality Upgrade	\$ 25,900	
7th Ave Stormwater Improvements	1,335,000	
8th Ave Stormwater Improvements	38,450	
Downtown Streetscape - Phase I	1,600	
Downtown Streetscape - Phase II	512,300	
Downtown Streetscape - Future Phase	83,450	
Evans Park Festival Service	11,600	
Public Works Complex	5,000	
New Software	30,000	
Other Technology	10,000	
Total Capital	<u> </u>	<u>(2,053,300)</u>
Estimated 9/30/14 Balance		<u>131,250</u>
2014-15 Estimated Net Revenues		300,000
Less 2014-15 Capital		
B-30 Small Projects	111,500	
A-4 Public Works Complex	5,000	
Total Capital	<u> </u>	<u>(116,500)</u>
Estimated 9/30/15 Balance		<u>314,750</u>
2016 to 2019 Estimated Net Revenues		1,265,000
Dogwood Mountain Special Assessment Repayment		47,500
Less 2016-19 Listed CIP Capital		
B-30 Small Projects	510,500	
B-31 Pine Street (Wardell to 441) Pipe Installation	122,000	
Total Capital	<u> </u>	<u>(632,500)</u>
9/30/19 Est. Amount Available for Future Projects		<u><u>\$ 994,750</u></u>

City of Mount Dora Capital Improvement Program

Project Name	Stormwater Small Projects	Department PW - Stormwater
Project Description		Fund Stormwater
Upgrade and emergency / unanticipated repairs of stormwater facilities		Project Number SW1204
		Dept. Priority: 1
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification	
To set aside funds for projects that are not readily identifiable at this time due to unanticipated upgrades related to other projects and to deal with emergency repair / replacement.	

Operational Impacts	Note: Debt Service to be added by Finance
These type of projects do not have any negative operational impacts unless treatment is involved related to permit requirements.	

Activity	ESTIMATED PROJECT COSTS						
	13/14	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Permitting & Fees	-	5,000	5,000	5,000	5,000	5,000	5,000
Construction	25,900	85,000	85,000	85,000	85,000	85,000	85,000
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	15,000	15,000	15,000	15,000	15,000	15,000
Inflation (3%/year)	-	-	7,000	10,700	14,450	18,350	22,350
Total	\$ 25,900	\$ 115,000	\$ 122,000	\$ 125,700	\$ 129,450	\$ 133,350	\$ 137,350

	FUNDING SOURCE						
	13/14	14/15	15/16	16/17	17/18	18/19	Future
Stormwater Fund	\$ 25,900	\$ 115,000	\$ 122,000	\$ 125,700	\$ 129,450	\$ 133,350	\$ 137,350
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ 25,900	\$ 115,000	\$ 122,000	\$ 125,700	\$ 129,450	\$ 133,350	\$ 137,350

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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City of Mount Dora Capital Improvement Program

Project Name	Pine Street Stormwater	Department PW - Stormwater
Project Description		Fund Stormwater
Installation of a 36 inch stormwater pipe from Wardell to US 441 on Pine Street		Project Number SW1601
		Dept. Priority: 2
Note: Add attachments on Project Map or Graphic Sheet		

Project Justification	
The current stormwater system is inadequate and results in maintenance and drainage issues. By providing this transmission sized line, the City will be able to improve the overall drainage in this area of the City.	

Operational Impacts	Note: Debt Service to be added by Finance
Providing this storm drain will reduce the overall maintenance cost to the City.	

Activity	ESTIMATED PROJECT COSTS						
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Planning & Design	\$ -	\$ -	\$ 12,500	\$ -	\$ -	\$ -	\$ -
Land Acquisition	-	-	-	-	-	-	-
Permitting & Fees	-	-	-	-	-	-	-
Construction	-	-	87,500	-	-	-	-
Other Cost	-	-	-	-	-	-	-
Contingency (15%)	-	-	15,000	-	-	-	-
Inflation (3%/year)	-	-	7,000	-	-	-	-
Total	\$ -	\$ -	\$ 122,000	\$ -	\$ -	\$ -	\$ -

	FUNDING SOURCE						
	Previous	14/15	15/16	16/17	17/18	18/19	Future
Stormwater Fund	\$ -	\$ -	\$ 122,000	\$ -	\$ -	\$ -	\$ -
Other Fund	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ 122,000	\$ -	\$ -	\$ -	\$ -

Annual Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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