

**LOVELAND CITY COUNCIL
STUDY SESSION
TUESDAY, JUNE 11, 2013
CITY COUNCIL CHAMBERS
500 EAST THIRD STREET
LOVELAND, COLORADO**

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6:30 P.M. STUDY SESSION - City Council Chambers

1. **FINANCE** **(presenter: John Hartman 120 minutes)**
Presentation and Discussion of the 2014-2023 City of Loveland Capital Program
The Capital Program is part of the 2014 Budget development process. The program includes the funding sources available for capital projects and the recommended projects for each year of the ten-year program.

ADJOURN



CITY OF LOVELAND
BUDGET OFFICE

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AGENDA ITEM: 1
MEETING DATE: 6/11/2013
TO: City Council
FROM: Brent Worthington, Finance Department
PRESENTER: John Hartman, Budget Officer

TITLE:

Presentation and Discussion of the 2014-2023 City of Loveland Capital Program

DESCRIPTION:

The Capital Program is part of the 2014 Budget development process. The program includes the funding sources available for capital projects and the recommended projects for each year of the ten-year program.

SUMMARY:

The Loveland City Charter requires the City Manager to present, with the budget, a program of proposed capital projects for the ensuing year and four fiscal years thereafter. For planning purposes, staff has expanded this requirement and presents a ten-year program. The 2014-2023 Capital Program is the funding plan for all infrastructure and equipment replacement for both General Fund agencies and the Enterprise Funds. General Fund agency programs focus on transportation (both new construction and the rehabilitation of existing streets), new amenities, maintenance of existing facilities, and replacement of major equipment. In the Enterprise Funds, the focus is improving delivery systems through major maintenance or expansion of the delivery systems and treatment plants that provide and clean our water.

All projects included in the first year of the Capital Program will be included in the 2014 Recommended Budget, which will be presented to City Council in October. Projects included in the “out-years” (2015–2023) will be approved by Council in concept only. The Program will be updated annually to address specific needs as they arise, revise revenue streams based on more current projections, or as Council goals and policies change.

Over the ten-year period, the recommended projects for all funds total \$432.2 million in spending. Capital reserves available at the end of the program are estimated to be \$187.7 million. Reserve balances will depend on actual revenue collections through this time period. The largest revenue source for the capital program is impact fees at \$135.7 million. Actual revenue will be dependent on the rate of growth within the City. The other major source of funding is revenues generated by Enterprise rates and fees. These revenues, in many cases,

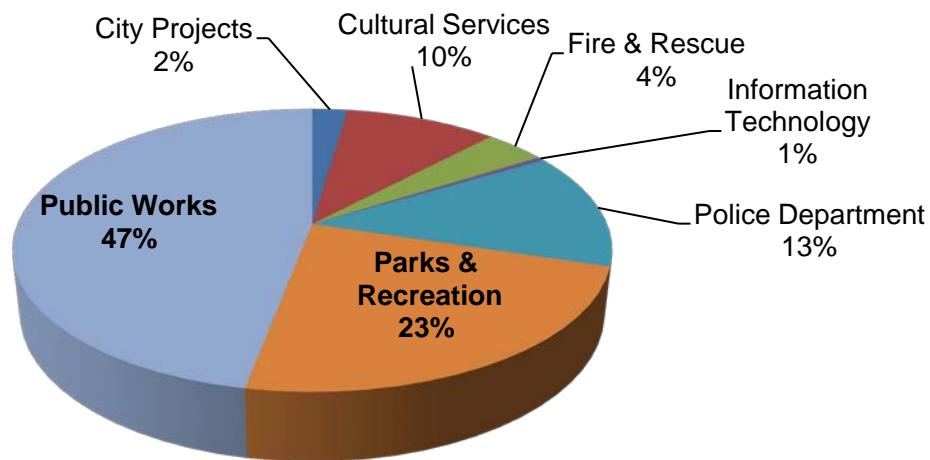
are weather dependent and fee rates will need to be addressed on an annual basis to ensure there is sufficient revenue under current conditions to fund the program.

The total City program is divided by General Fund Agencies and each enterprise, with a separate program for each.

General Fund Agency Program

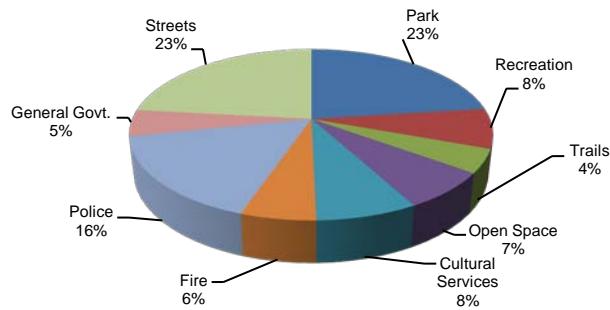
Total spending over the ten-year period for the General Fund Agencies is \$158.5 million. Nearly 50% of the Program resides in the Public Works Department, primarily for street maintenance and construction. Project costs by department are shown in the graph below.

Projects By Department



The largest single funding source for the General Fund Agency Program is Capital Expansion Fees (CEF). This source funds \$43.8 million of the total program. The fees fund new parks or parks expansion, new recreation amenities, open space acquisition, new street construction, a portion of the Museum expansion and a portion of the Police Training Facility.

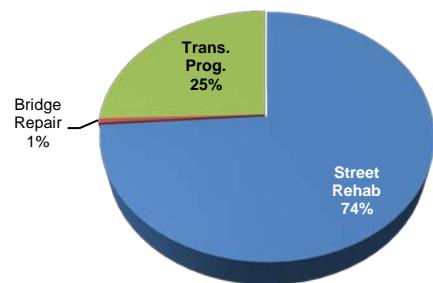
CEF Use By Fee Type



Street maintenance and construction projects are the largest component of the Program and are shown in three major programs, Street Rehabilitation, the Transportation Program, and Bridge Repair. The total cost for these three programs over the ten year period is \$67.0 million.

The Street Rehabilitation program is for street reconstruction, pavement overlays, and concrete repair to curb and gutters. The Program is funded through the Transportation Utility Fee and a part of the State distribution of Highway Users Tax Fund (HUTF) revenues. The Bridge Repair Program is a five year program begun in 2013, funded by General Fund reserves. The Transportation Program is funded by Street Capital Expansion Fees and General Fund Reserves.

Total Street Funding



The Parks and Recreation Department has the second largest component, with 23% of the Program costs. Major projects over the ten year period are for:

- Expansion of the Recreation Trail - \$3.0 million
- Open Lands Acquisition - \$16.9 million
- New Neighborhood Parks - \$4.0 million
- Expansion of the Loveland Sports Park - \$3.3 million
- A new Spray Park - \$3.2 million
- Expansion of Kroh Park - \$2.2 million, and
- Park Improvement Projects - \$1.0 million

The third largest component to the Program this year is in the Police Department with \$21.1 million in funding for replacement of the Records Management System, and the design and construction of a new Training Facility. The facility will include a shooting range, a driving course, and classroom space. The site and final scope are still being determined and project costs will be updated in future Programs as better estimates become available.

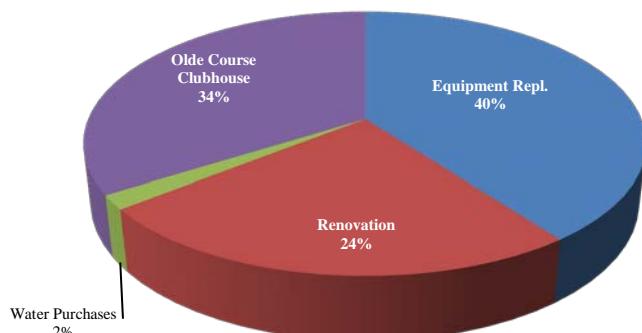
Enterprise Funds Programs

Golf Enterprise

The major focus of the Golf Enterprise Capital Program is on equipment replacement for the

three courses. Over the ten year period, \$3.5 million is allocated for equipment. Construction of a new clubhouse at the Olde Course, along with a new maintenance building is programmed at \$2.9 million, with construction on the Clubhouse to begin in 2023. Renovations and infrastructure construction for the three courses is programmed at \$2.1 million.

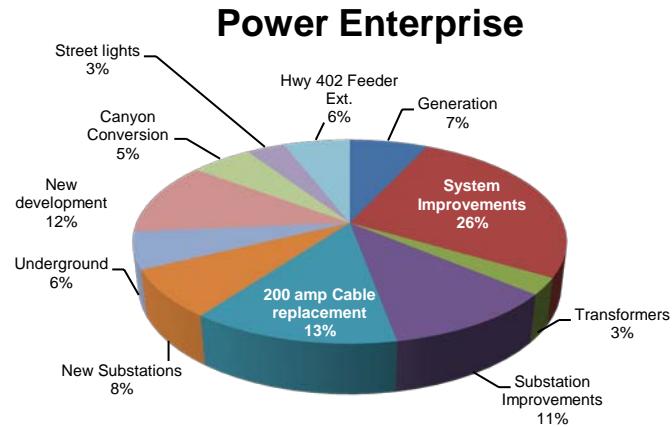
Golf Capital Program



Power Enterprise

The focus of the Power Enterprise Capital Program is to improve system reliability. Total program costs over the ten-year period are \$92.9 million. Nearly one-half of the funding for the Program is from rate revenue. Another third is from impact fees (Plant Investment Fees, PIF).

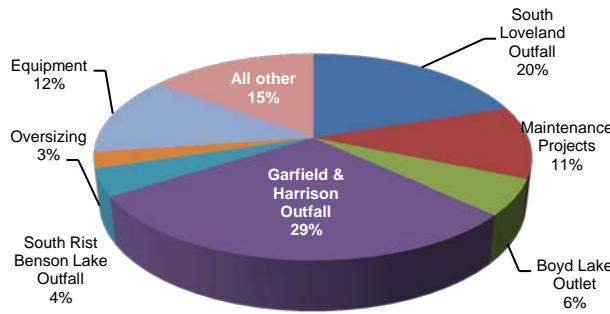
General system improvements are the largest category at 26% of the total program at \$24.5 million. Substations both new and improved are programmed at \$17.2 million or 19% of the program cost. Replacement of 200 amp cables to ensure reliability is 13% of the total cost at \$12.1 million. The Aid to Customer Service Program for new construction, funded by developers, is 12% of the program at \$10.7 million over the ten year period.



Storm Water Enterprise

In the near term, the Enterprise's primary focus will be on maintenance projects and equipment replacement with each programmed at \$2.5 million in the first five years with a total Program cost in the first five years of \$11.3 million.

Storm Water Enterprise



Over the ten year period total program costs are \$40.4 million and the major projects are:

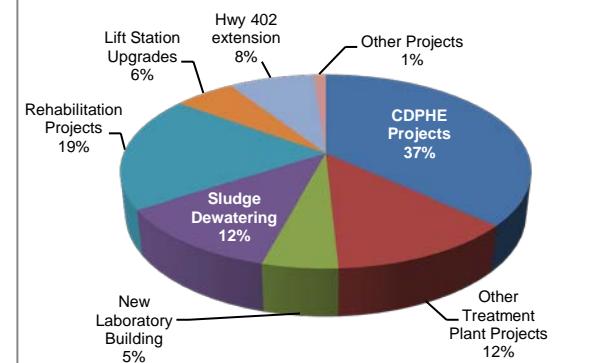
- The Garfield and Harrison Outfall, programmed at \$11.6 million with construction 2021 and 2023;
- The South Loveland Outfall programmed at \$7.9 million with construction in 2020;

- \$4.5 million in maintenance projects; and,
- \$5.0 million in new equipment and equipment replacement.

Wastewater Enterprise Program

The total Wastewater Capital Program over the ten-year period is \$61.9 million. New Colorado Department of Public Health and Environment (CDPHE) regulations requiring significant upgrades to the Wastewater Treatment Plant are driving over one-third of the cost. Under current regulation, these improvements will

Wastewater Enterprise



need to be completed by 2017. The other main focus of the program is on continued treatment plant improvements, sludge handling, and sewer line rehabilitation.

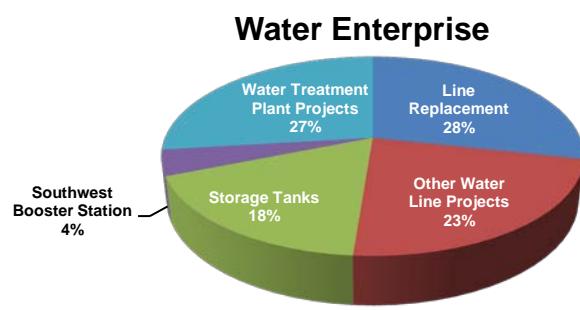
Due to the timeline necessary for the CDPHE projects, the Enterprise is forecasted to be short of revenue by \$7.2 million in 2017 and will continue to have negative fund balance through 2019. Staff will be discussing funding solutions with Council prior to 2017 when there is the most significant cost. There is also a possibility that the timeline may be extended further out in the program, depending on the final CDPHE regulations.

Raw Water Enterprise

The Raw Water Enterprise Capital Program totals \$30.0 million over the ten-year period, nearly all of which is programmed for the Windy Gap Firming Project. The new reservoir is currently planned for construction in 2016 and the total cost of the project is \$23.8 million. Another \$5.6 million is allocated for additional Big Thompson Water purchases to add to our portfolio.

Water Enterprise

The Water Enterprise Capital Program totals \$70.4 million over the ten year period. As we have



discussed with Council in the past year, over one half of the cost is programmed for expansion of the Water Treatment Plant at \$18.8 million and for water line replacements at \$20.0 million. New or oversized lines, new water storage tanks and a new booster station make up the rest of the Program.

Issues

1. As discussed earlier, the new CDPHE regulations regarding wastewater treatment are the biggest issue. The current timing of the project will leave the Enterprise short \$7.2 million in 2017. If this time-line holds, staff will need to discuss funding options prior to 2017. These options could include:
 - Short term rate increases. Under current projections, the fund will return to a positive fund balance in 2020, so a rate increase for the years 2017-2019 or a surcharge during these years to cover the cost could be implemented.
 - The Enterprise could borrow the funding required either through an external loan or an interfund loan. An interfund loan would depend on the availability of reserves in another fund that would not restrict that fund's capital program.
 - Reducing or moving further out in the program other treatment plan and line rehabilitation projects so that funds are available for the CDPHE projects.
2. There is not enough Cultural Capital Expansion Fee revenue to fund the Museum Expansion Project. A portion of the project is funded with General Government CEF

revenue. In addition, the project is dependent on \$10 million in outside funding in order to be completed under the current scope. The timing of the placement in the Capital Program is to help provide impetus to the fundraising effort. However, construction will not begin on the project until the entire \$10 million has been raised, so the actual timing of the project may be different than shown in this Program.

3. There is not enough Police CEF revenue to fund the new training facility. Staff is recommending filling the gap with Tabor Revenue reserves and General Fund undesignated reserves. The amount shown in the program is a preliminary, conservative estimate on the cost. The Department has issued an RFP to bring on a consultant to help define the location and the scope of the project. We anticipate the cost will be reduced to some degree from this effort. The cost will be updated in the 2015 Budget development process to include the results from this effort.

Included in the packet is the Recommended Capital Program, with detailed project description sheets for all projects within the Capital Program and large page format for the various spreadsheets included in the chapter.

REVIEWED BY CITY MANAGER:



LIST OF ATTACHMENTS:

2014-2023 Capital Program
PowerPoint Presentation

Capital Program

Introduction

The Loveland City Charter requires the City Manager to present, with the budget, a program of proposed capital projects for the ensuing year and four fiscal years thereafter. For planning purposes, staff has expanded this requirement and presents a 10-year program. The 2014-2023 Capital Program is the funding plan for all infrastructure and equipment replacement for both General Fund agencies and the Enterprise Funds. General Fund agency programs focus on transportation (both new construction and rehabilitation of existing streets), new amenities, maintenance of existing facilities, and replacement of major equipment. In the enterprise funds, the focus is on improving delivery systems through major maintenance or expansion of the delivery systems and treatment plants that provide and clean our water.

All projects included in the first year of the Capital Program are included in the 2014 Recommended Budget, which will be adopted in October. Projects included in the “out-years” (2015–2023) will be approved by Council in concept only. The Program will be updated annually to address specific needs as they arise or as Council goals and policies change.

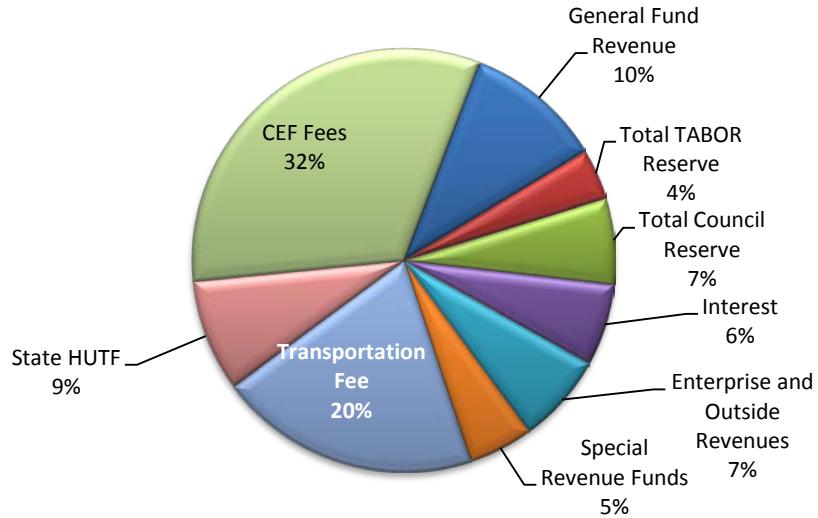
General Fund Agencies

The 2014-2023 Capital Program for General Fund agencies is a financial program for the City to maintain existing facilities and infrastructure and meet the needs for new facilities and infrastructure. These projects are funded through taxes, impact fees, or other special revenues. Capital projects for the purpose of the Capital Planning process are defined as projects or equipment that have a cost of \$250,000 or greater. In some cases, such as the Facility Major Maintenance Program and the transportation construction and maintenance programs, individual projects may be less than this threshold, but the program as a whole meets the definition, and the program has a significant total cost to be included in the capital planning process. A significant portion of the funding for the Program is from dedicated resources. The City follows a “Pay-As-You-Go” philosophy. This requires funds to be accumulated in reserves until the total cost of a project has been received.

Revenues

CEFs are a major funding component at 32% of the total program. These are fees on development paid to the City to fund the infrastructure required to maintain service levels in the City as it grows. The City has ten different CEF fees, with one for each major service area. These are a Cultural Services Fee, Fire Fee, General Government Fee, Library Fee, a Law Enforcement Fee, Parks Fee, Open Space Fee, Recreation Fee, Trails Fee, and Streets Fee. The Cultural Services, Library, Parks, Recreation, Open Space and Trails fees are charged to residential construction only. All other fees are charged to both residential and commercial development. Revenues from each fee are restricted to be used for new capital construction within the specific service category. As a result, most of the fee categories will carry significant ending balances that are accumulated for future capital projects.

2014-2023 Capital Resources



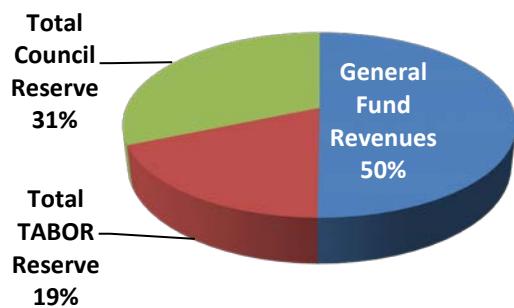
The decline in building activity has significantly reduced CEF collections in the past three years, and, due to the recession, a recovery to the levels experienced in 2004-2007 is not expected in the near term.

The revenue assumptions for the CEF fees are based on projected building activity. An analysis of CEF collections compared to building permit inspections shows that most CEF fees from residential building are collected within the same year as the building permit revenue is received. However, for CEFs from non-residential projects there is a two-year lag between building permit collection and the CEF collections. In the City ordinance establishing the CEF fees, the fees are to be increased annually for inflation based on the construction index reported by the Engineering News and Report, for most fees, and a blended index created and reported by the Colorado Department of Transportation for the transportation fee.

A major source of funding for the Capital Program, at 21%, is from General Fund resources, which include

General Fund tax revenue or fund balance, the TABOR reserve, and the Council Capital reserve that dedicates 2.5% of tax revenue below the TABOR limitation for capital projects through 2021. The availability of General Fund resources is linked to the Financial Master Plan, which programs both capital and operating funding related to capital projects.

All General Fund Sources

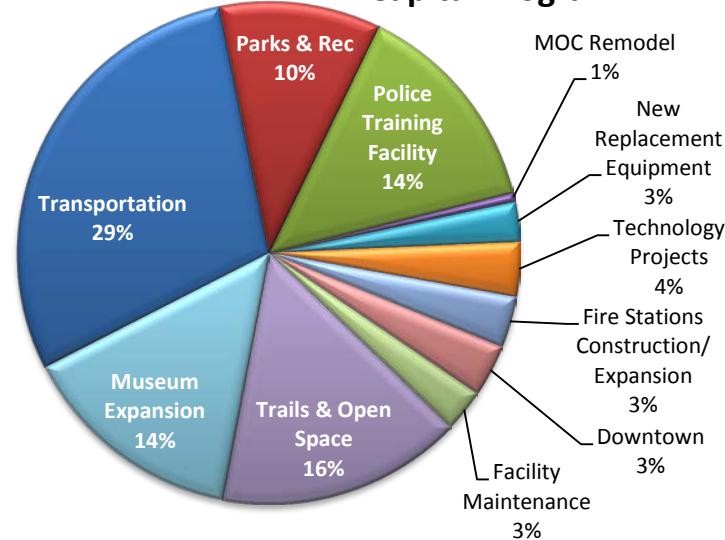


Rehabilitation Program, which includes pavement overlays, street reconstruction and curb and gutter repair. A portion of the State distribution of Highway User Tax Funds (HUTF) completes the funding for the program. For the Transportation Program that consists of new street construction or street widening projects Tabor Reserves from the General Fund are combined with impact fees to fund the program.

Expenses

The Capital Program Summary has three subgroups of capital expenses. The "Infrastructure" subgroup includes all vertical construction, land purchases, park development, and street construction and maintenance. The "Software and Technology Projects" subgroup includes all technology related software and hardware projects. The "New & Replacement Equipment" subgroup includes the purchase of new fire apparatus or heavy construction equipment, and the replacement of major equipment. For the purpose of Capital Program planning, equipment considered within the plan has a cost of \$250,000 or greater. Equipment used within the General Fund agencies with a cost below \$250,000 will be prioritized and budgeted within the operating budget process.

2014-2018 Capital Program



All Building Project costs in 2014 are in current dollars. Park project costs are in current dollars throughout the plan. Changes in scope may need to

occur to keep park projects within the cost estimates shown. Economic conditions and Council priorities will change over time and are difficult to forecast over a 10-year period. A 5-year period is manageable, although all costs are still projections or estimates. For this reason, the discussion will focus on the first five years of the plan.

The allocation of funding by project type over the first five years of the recommended program is shown in the pie chart on the previous page. It demonstrates the Council commitment to transportation with street construction and maintenance being nearly one-third of the total resources allocated in the program.

General Fund Agency Capital Projects Descriptions

The following is a summary of the major projects:

Bricks & Mortar

- **Downtown Improvements:**
 - **Downtown Infrastructure Improvements** – An average of \$1.0 million is programmed annually in 2014-2017 for improvements to the infrastructure downtown. The funding source is General Fund revenues from the Council Capital Reserve.
- **Trail Construction** – \$1.9 million is programmed over the next five years for construction of the bike/hike trail that will circle the City upon completion. The funding sources are Colorado Lottery Funds and Trail CEFs.
- **Open Land Acquisition** – \$15.1 million is programmed over the next five years for the purchase of additional open space around the City. The funding sources are the Open Space Impact Fees and the County Open Space Sales Tax.
- **Facility Maintenance Projects** – Most of the City facilities are now over 20 years in age and will require an increased maintenance effort. This will include roof replacements, upgrades or replacement of heating and cooling systems, carpet replacement, and general repair. The City will invest nearly \$2.9 million towards this effort over five years using General Fund revenues.
- **Transportation Program** – \$8.0 million is programmed over the next five years for construction and renovation of the City streets, based on the 2030 Transportation Plan. The funding sources are the Streets CEFs and General Fund revenues.
- **Street Rehabilitation** – \$23.3 million is programmed over the five-year period for rehabilitation of existing streets. The funding source is HUTF revenues and the Transportation Utility Fee.
- **Museum Expansion** – A 26,000 square foot expansion is planned at a projected cost of \$15.5 million. The funding source is Cultural Services CEFs, General Government CEFs and \$10 million in grants and private contributions.
- **Police Training Facility** – A new training facility is programmed in three phases. The first two phases, programmed in the five year program, include a shooting range and driving track.
- **Loveland Sports Park Phase II** – Development of the next phase of the Loveland Sports Park is scheduled for 2014-2015 at a cost of \$3.3 million. The funding sources are Park CEFs and Recreation CEFs.
- **New Spray Park** – This project would include the addition of a spray/splash park in Loveland. There is a continued demand for outdoor aquatics amenities as Winona Pool is at capacity on many summer days

Software and Technology Projects

- **Police Records Management System** - \$3.0 million is planned to replace the existing system that has aged to the point it will no longer be compatible with existing operating platforms.
- **Telephone Switch Replacement** – The existing system has aged to where maintaining the system has become an issue. The City will move to a new Voice Over Internet (VOIP) protocol for the telephone system.

New & Replacement Equipment

- **Fire Apparatus Replacement** – \$2.7 million is programmed for the replacement of fire apparatus in the five-year period. As this equipment is replaced, it will be placed in the Fleet Fund, with future replacement costs amortized over the life of the equipment. The amortization will be charged to the Loveland Fire Rescue Authority operating budget. The funding source is General Fund revenues.

Enterprise Funds Agencies

The Enterprise Fund Capital Program is funded through revenues derived from rates on usage and impact fees called System Impact Fees (SIFs) or Plant Investment Fees (PIFs). Like the Capital Expansion Fees (CEFs) used in the General Fund Agency Capital Program, these are fees paid by development to offset the impact of new infrastructure from the new development on the system.

In 2014, the Water Enterprise is recommending a 9.0% increase in water rates to fund capital improvements for both the treatment plant and the distribution system over the next ten years. The distribution system is aging and failures have increased at a significant rate. The capital program focuses on replacing this infrastructure in the first five years of the plan, with most expansions occurring in the second five years. The treatment plant will have extensive projects to expand capacity since the City has been reaching its maximum output during the summer in the past two years.

Enterprise Fund Capital Projects Descriptions

The Water Enterprise Fund provides for the treatment and distribution of water to City residents and businesses. Major projects over the five year planning period include:

- \$18.8 million is allocated for projects to improve and expand the treatment plant operations and improve reliability.
- \$5.6 million is allocated over the planning period for water line replacements
- \$3.1 million for 24" and 16" lines in the East Gravity Zone to maintain adequate pressure on the east side of the City.

The Raw Water Enterprise Fund provides for the acquisition of water and storage facilities to insure the City has an adequate water supply. Major projects include:

- \$23.8 million for construction of a new reservoir in partnership with several Front Range cities. Loveland's share of the project will add 7,000 acre-feet of storage for the City. This project is partially funded by an annual 1% increase in water rates.
- \$2.2 million is allocated over the 5-year period for additional water purchases so the water supply will keep up with growth in the City.

The Wastewater Enterprise Fund collects and treats all water used by City residents and businesses, except for irrigation, and treats the water so it can be returned to the river for downstream users. Major projects include:

- \$26.0 million for treatment plant expansion and improvements to meet new state and federal regulatory guidelines.
- \$5.0 million is allocated in 2014-2015 for the new sewer line along the State Highway 402 corridor.
- \$1.5 million is allocated for Boyd Lake interceptor projects to handle planned growth in the northwest part of the City.
- \$1.1 million is planned for sewer line rehabilitation projects and corrosion control.
- \$1.1 million for the East and West Channel Bar Screen Replacement to ensure trash and other detritus from entering the treatment plant.

The Power Enterprise Fund provides electricity to all City residents and businesses. The focus of the program is to maintain the high reliability ratings the City has achieved over many years. Major projects include:

- \$6.4 million for upgrades to one hydro-electric generation plant the City owns.
- \$5.9 million in system improvements.
- \$5.5 million to construct the Highway 402 Feeder extension.
- \$4.7 million for projected growth due to new construction. These projects are initiated and paid for by developers.

- \$3.8 million for 200 Amp Cable Replacement Projects.
- \$2.9 million for new components and a feeder extension at the Valley Substation.
- \$2.8 million is allocated for a project to convert electric service in the Thompson Canyon to 12.47 KV voltage to add reliability in the Canyon.
- \$2.4 million for underground conversion projects.
- \$1.9 million is allocated for street light improvements and maintenance.
- \$1.7 million is allocated for feeder line extensions.
- \$1.5 million is allocated for power line relocations driven by new street construction projects.
- \$1.3 million for new components and a feeder extension at the Horseshoe Substation.
- \$1.0 million for new components and a feeder extension at the West Substation.

The Storm Water Enterprise Fund collects the runoff from City streets for return to the river, to minimize flooding and improve traffic safety. Major projects in the next five years include:

- \$2.5 million is allocated for maintenance projects.
- \$2.5 million for the replacement of street sweeping and maintenance equipment.
- \$1.9 million is allocated for the South Loveland Outfall Phase III.
- \$1.3 million is allocated for Airport Basin Master Plan improvements.
- \$1.0 million is allocated for the Silver Lake drainage improvements.

The Golf Enterprise Capital Program is for improvements to the three City owned courses and their amenities, and the equipment needed to maintain the courses. Major projects in the next five years include:

- \$2.4 million for equipment replacement.
- \$1.1 million for renovations, repairs and infrastructure at the courses.
- \$0.6 million for improvements to the Olde Course Clubhouse and Maintenance Buildings.

2014-2023 All Funds Recommended Capital Program

	2014	2015	2016	2017	2018	Five Year Total
Capital Projects Fund	7,336,110	2,777,580	6,344,800	24,976,860	4,113,840	45,549,190
Golf Enterprise	988,390	962,840	949,990	764,610	559,030	4,224,860
Power Enterprise	11,976,670	11,369,350	8,234,450	9,351,710	8,151,390	49,083,570
Water Enterprise	11,871,700	11,623,880	828,780	1,521,680	4,375,000	30,221,040
Wastewater Enterprise	3,574,000	4,741,190	8,679,230	17,994,220	2,497,420	37,486,060
Raw Water Enterprise	1,050,000	1,132,280	22,687,080	566,500	590,570	26,026,430
Storm Water Enterprise	2,710,000	2,183,000	1,538,400	2,459,500	2,420,000	11,310,900
Parks CEF Fund	300,000	950,000	2,733,760	600,000	1,150,000	5,733,760
Recreation CEF Fund	50,000	250,000	3,000,000	-	-	3,300,000
Open Space CEF Fund	276,000	200,000	300,000	440,000	-	1,216,000
Fire CEF Fund	901,970	-	-	-	2,605,000	3,506,970
Conservation Trust Fund	100,330	211,730	616,910	113,280	-	1,042,250
Park Improvement Fund	205,000	200,000		300,000	-	705,000
Open Lands Tax Fund	2,095,000	4,468,100	2,780,000	3,183,100	1,290,377	13,816,577
Transportation Fund	6,568,080	6,587,680	5,973,170	6,083,670	6,162,290	31,374,890
Total Expense	50,203,250	47,707,630	64,781,030	68,830,360	33,914,917	265,437,187

2019	2020	2021	2022	2023	Ten Year Total
3,759,620	636,130	1,333,390	681,430	705,280	52,665,040
261,370	195,520	358,930	669,240	2,962,220	8,672,140
9,138,660	10,123,510	9,113,790	7,750,000	7,728,590	92,938,120
8,046,680	16,603,050	7,393,760	3,766,800	4,328,650	70,359,980
7,964,110	3,820,680	6,758,300	2,620,150	3,250,880	61,900,180
1,280,600	641,840	669,120	697,560	727,200	30,042,750
2,327,500	7,639,000	8,119,000	3,732,000	7,310,000	40,438,400
500,000	470,000	2,430,000	1,200,000	-	10,333,760
-	-	-	-	-	3,300,000
480,000	430,000	315,000	350,000	300,000	3,091,000
-	-	-	-	-	3,506,970
-	-	-	-	-	1,042,250
500,000	200,000	200,000	-	200,000	1,805,000
-	-	-	-	-	13,816,577
6,398,160	6,632,400	6,972,150	6,988,940	8,651,720	67,018,260
40,656,700	47,392,130	44,763,440	28,456,120	36,164,540	462,870,117

2014-2023 General Fund Agencies Recommended Capital Program

	2014	2015	2016	2017	2018	Five Year Total
Revenue						
Beginning Balance	\$ 40,024,750	\$ 42,912,300	\$ 44,007,220	\$ 36,461,810	\$ 24,848,830	\$ 40,024,750
General Fund	4,224,810	1,877,580	1,306,660	1,170,760	2,375,690	10,955,500
TABOR	4,550,170	2,187,980	-	-	-	6,738,150
Council Reserve	122,700	194,240	237,810	905,490	1,460,170	2,920,410
Transportation Fee	3,024,060	3,114,780	3,208,220	3,304,470	3,403,600	16,055,130
CEF	5,625,510	5,764,300	5,900,410	5,579,700	5,222,680	28,092,600
Interest	566,830	822,540	989,650	847,250	727,130	3,953,400
HUTF Allocated to Street Rehabilitation	1,296,020	1,334,900	1,374,950	1,416,200	1,458,690	6,880,760
Conservation Trust	500,000	500,000	500,000	500,000	500,000	2,500,000
Open Lands Tax	1,515,400	1,545,710	1,576,630	1,608,160	1,640,320	7,886,220
Other Revenue Less Operations Expense	(553,490)	(572,860)	(592,910)	(584,460)	(604,920)	(2,908,640)
Park Improvement	52,650	52,700	52,760	52,810	52,870	263,790
Outside Revenue	222,690	200,000	-	10,000,000	1,042,000	11,464,690
Funding for Operating and Maintenance Reserve						
Annual Contribution (Open Lands)	(227,310)	(231,860)	(236,490)	(241,220)	(246,050)	(1,182,930)
Total Revenue	\$ 60,944,790	\$ 59,702,310	\$ 58,324,910	\$ 61,020,970	\$ 41,881,010	\$ 133,643,830
Expense						
Infrastructure						
Downtown Infrastructure	1,000,000	1,000,000	1,000,000	600,000	-	3,600,000
Fire Station 2 Completion	901,970	-	-	-	-	901,970
Recreation Trail	300,330	261,730	731,370	588,510	-	1,881,940
Open Lands Acquisition	2,371,000	4,668,100	3,080,000	3,623,100	1,290,377	15,032,577
Facility Maintenance Capital Projects	517,500	535,610	554,360	687,040	593,840	2,888,350
Transportation Program	2,148,000	2,038,000	1,290,000	1,263,000	1,300,000	8,039,000
Bridge Replacement Program	100,000	100,000	100,000	100,000	-	400,000
Street Rehabilitation	4,320,080	4,449,680	4,583,170	4,720,670	4,862,290	22,935,890
Park Improvements Projects	205,000	200,000	-	200,000	-	605,000
Fairgrounds Park/Barnes Softball Complex	610,000	-	-	-	550,000	1,160,000
New Neighborhood Parks	300,000	400,000	-	600,000	600,000	1,900,000
New Recreation Center	50,000	-	-	-	-	50,000
Spray Park	-	250,000	3,000,000	-	-	3,250,000
Loveland Sports Park	-	550,000	2,733,760	-	-	3,283,760
Cemetery Buildings	-	-	-	497,000	-	497,000
Maintenance Operations Center Remodel	-	635,730	-	-	-	635,730
Museum Expansion	-	-	2,328,140	13,192,820	-	15,520,960
Police Training Facility	-	-	1,810,000	10,000,000	3,145,000	14,955,000
Construct New Fire Station 10 for W Service	-	-	-	-	2,605,000	2,605,000
Junior Achievement Park	-	-	-	-	-	-
North Lake Park Improvements	-	-	-	-	375,000	375,000
Kroh Park	-	-	-	-	-	-
Subtotal Infrastructure	\$ 12,823,880	\$ 15,088,850	\$ 21,210,800	\$ 36,072,140	\$ 15,321,507	\$ 100,517,177
Software & Technology Projects						
Telephone Switch Replacement	750,000	-	-	-	-	750,000
Police Records Management System	3,000,000	-	-	-	-	3,000,000
Sub-Total Software & Technology	3,750,000	-	-	-	-	3,750,000
New & Replacement Equipment						
Replace Fire Apparatus	1,458,610	606,240	652,300	-	-	2,717,150
Public Works Heavy Equipment Replacement	-	-	-	-	-	-
North Lake Train Engine Replacement	-	-	-	100,000	-	100,000
Subtotal Equipment	\$ 1,458,610	\$ 606,240	\$ 652,300	\$ 100,000	\$ 0	\$ 2,817,150
Total	\$ 18,032,490	\$ 15,695,090	\$ 21,863,100	\$ 36,172,140	\$ 15,321,507	\$ 107,084,327
Reserve for Future Capital Projects	\$ 42,912,300	\$ 44,007,220	\$ 36,461,810	\$ 24,848,830	\$ 26,559,503	\$ 26,559,503

Note: CEF funds are restricted to use, and while shown in the total bottom line, may not be able to appropriate for certain projects. The same is true for Special Revenue funds. The impact is there will be a larger reliance on general funding than there are funds available, while there will be significant ending balances in the restricted funds.

							Ten Year Total
	2019	2020	2021	2022	2023		
\$	26,559,503	\$ 31,417,813	\$ 37,409,063	\$ 40,725,553	\$ 47,276,453	\$ 40,024,750	
	3,359,620	636,130	1,333,390	681,430	1,135,716	18,101,786	
	-	-	-	-	-	6,738,150	
	1,534,100	1,611,810	1,693,470	1,779,290	1,869,500	11,408,580	
	3,505,710	3,610,880	3,719,210	3,830,780	3,945,700	34,667,410	
	5,353,290	5,487,300	5,622,100	5,760,360	5,899,390	56,215,040	
	916,950	1,150,180	1,397,250	1,524,720	1,777,200	10,719,700	
	1,502,450	1,547,520	1,593,940	1,641,760	1,691,020	14,857,450	
	500,000	500,000	500,000	500,000	500,000	5,000,000	
	-	-	-	-	-	7,886,220	
	(228,960)	(236,970)	(245,260)	-	-	(3,619,830)	
	52,930	52,930	52,930	52,930	52,930	528,440	
	-	-	-	-	600,000	12,064,690	
	-	-	-	-	-	(1,182,930)	
\$	43,055,593	\$ 45,777,593	\$ 53,076,093	\$ 56,496,823	\$ 64,747,909	\$ 213,409,456	
	-	-	-	-	-	3,600,000	
	-	-	-	-	-	901,970	
	-	-	1,100,000	-	-	2,981,940	
	480,000	430,000	315,000	350,000	300,000	16,907,577	
	614,620	636,130	658,390	681,430	705,280	6,184,200	
	1,390,000	1,474,000	1,659,000	1,516,400	3,015,000	17,093,400	
	-	-	-	-	-	400,000	
	5,008,160	5,158,400	5,313,150	5,472,540	5,636,720	49,524,860	
	-	-	200,000	-	200,000	1,005,000	
	250,000	-	-	-	-	1,410,000	
	-	200,000	700,000	1,200,000	-	4,000,000	
	-	-	-	-	-	50,000	
	-	-	-	-	-	3,250,000	
	-	-	-	-	-	3,283,760	
	-	-	-	-	-	497,000	
	-	-	-	-	-	635,730	
	-	-	-	-	-	15,520,960	
	3,145,000	-	-	-	-	18,100,000	
	-	-	-	-	-	2,605,000	
	750,000	-	-	-	-	750,000	
	-	-	-	-	-	375,000	
	-	470,000	1,730,000	-	-	2,200,000	
\$	11,637,780	\$ 8,368,530	\$ 11,675,540	\$ 9,220,370	\$ 9,857,000	\$ 151,276,397	
	-	-	-	-	-	750,000	
	-	-	-	-	-	3,000,000	
	-	-	-	-	-	3,750,000	
	-	-	-	-	-	2,717,150	
	-	-	675,000	-	-	675,000	
	-	-	-	-	-	100,000	
\$	-	\$	-	\$	\$	-	3,492,150
\$	11,637,780	\$ 8,368,530	\$ 12,350,540	\$ 9,220,370	\$ 9,857,000	\$ 158,518,547	
\$	31,417,813	\$ 37,409,063	\$ 40,725,553	\$ 47,276,453	\$ 54,890,909	\$ 54,890,909	

2014 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Transportation Fund	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	-	6,281,674	3,959,370	-	1,841,238	2,604,115	3,603,681	335,761	690,875
Current Year	4,224,810	4,550,170	1,148,310	-	1,350,690	1,059,100	535,780	255,510	164,500
Interest on Beginning Balance	-	-	-	-	34,980	49,480	68,470	6,380	13,130
HUTF Revenue Allocated to Street Maintenance	-	-	-	1,296,020	-	-	-	-	-
Transportation Fee	-	-	-	3,024,060	-	-	-	-	-
Other Revenue less Operating Expense	-	-	-	-	-	-	-	-	-
Internal Loan Repayment	-	-	(1,025,610)	-	-	-	410,240	-	-
Funding for Operating and Maintenance Reserve Annual Contribution	-	-	-	-	-	-	-	-	-
Total Resources	\$ 4,224,810	\$ 10,831,844	\$ 4,082,070	\$ 4,320,080	\$ 3,226,908	\$ 3,712,695	\$ 4,618,171	\$ 597,651	\$ 868,505
Project Requests 2014									
Downtown Projects	-	-	1,000,000	-	-	-	-	-	-
Replace Smeal Ladder Truck	-	1,458,610	-	-	-	-	-	-	-
Fire Station 2	-	-	-	-	-	-	-	-	-
Telephone Switch Replacement	607,310	-	-	-	-	-	-	-	-
Neighborhood Parks - Expansion and Renovation	-	-	-	-	-	300,000	-	-	-
Barnes Park Field Lighting	-	610,000	-	-	-	-	-	-	-
New Recreation Center Feasibility Study	-	-	-	-	-	-	50,000	-	-
Recreation Trail	-	-	-	-	-	-	-	-	200,000
Open Lands Acquisition	-	-	-	-	-	-	-	276,000	-
Park Restroom Renovations	-	-	-	-	-	-	-	-	-
Police RMS	3,000,000	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	517,500	-	-	-	-	-	-	-	-
Transportation Program	-	569,100	-	-	1,498,900	-	-	-	-
Bridge Replacement Program	100,000	-	-	-	-	-	-	-	-
Street Rehabilitation Program	-	-	4,320,080	-	-	-	-	-	-
Total 2014 Project Costs	\$ 4,224,810	\$ 2,637,710	\$ 1,000,000	\$ 4,320,080	\$ 1,498,900	\$ 300,000	\$ 50,000	\$ 276,000	\$ 200,000
2014 Ending Balance	\$ -	\$ 8,194,134	\$ 3,082,070	\$ -	\$ 1,728,008	\$ 3,412,695	\$ 4,568,171	\$ 321,651	\$ 668,505

Gen. Govt. CEF	Fire CEF	Police CEF	Library CEF	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
1,470,936	133,193	4,589,514	184,109	2,461,750	1,503,629	1,959,218	8,405,687	-	40,024,750
367,910	289,240	328,210	214,750	173,370	500,000	52,650	1,515,400	222,690	16,953,090
27,950	3,460	87,200	3,500	46,770	28,570	37,230	159,710		566,830
-	-	-	-	-	-	-	-	-	1,296,020
-	-	-	-	-	-	-	-	-	3,024,060
-	-	-	-	-	(195,780)	-	(357,710)	-	(553,490)
-	476,210	-	-	-	-	-	-	-	(139,160)
-	-	-	-	-	-	-	(227,310)	-	(227,310)
\$ 1,866,796 \$	902,103 \$	5,004,924 \$	402,359 \$	2,681,890 \$	1,836,419 \$	2,049,098 \$	9,495,777 \$	222,690 \$	60,944,790
-	-	-	-	-	-	-	-	-	1,000,000
-	-	-	-	-	-	-	-	-	1,458,610
-	901,970	-	-	-	-	-	-	-	901,970
-	-	-	-	-	-	-	-	142,690	750,000
-	-	-	-	-	-	-	-	-	300,000
-	-	-	-	-	-	-	-	-	610,000
-	-	-	-	-	-	-	-	-	50,000
-	-	-	-	-	100,330	-	-	-	300,330
-	-	-	-	-	-	-	2,095,000	-	2,371,000
-	-	-	-	-	-	205,000	-	-	205,000
-	-	-	-	-	-	-	-	-	3,000,000
-	-	-	-	-	-	-	-	-	517,500
-	-	-	-	-	-	-	-	80,000	2,148,000
-	-	-	-	-	-	-	-	-	100,000
-	-	-	-	-	-	-	-	-	4,320,080
\$ - \$	901,970 \$	- \$	- \$	- \$	100,330 \$	205,000 \$	2,095,000 \$	222,690 \$	18,032,490
\$ 1,866,796 \$	133 \$	5,004,924 \$	402,359 \$	2,681,890 \$	1,736,089 \$	1,844,098 \$	7,400,777 \$	- \$	42,912,300

2015 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Transportation Fund	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	-	8,194,134	3,082,070	-	1,728,008	3,412,695	4,568,173	321,651	668,505
Current Year	1,877,580	2,187,980	1,259,190	-	1,384,460	1,081,340	547,030	260,880	167,950
Interest on Beginning Balance	-	-	-	-	44,930	88,730	118,770	8,360	17,380
HUTF Revenue Allocated To Street Maintenance	-	-	-	1,334,900	-	-	-	-	-
Transportation Fee	-	-	-	3,114,780	-	-	-	-	-
Other Revenue less Operating Expense	-	-	-	-	-	-	-	-	-
Internal Loan Repayment	-	-	(1,064,950)	-	-	-	425,980	-	-
Funding for Operating and Maintenance Reserve Annual Contribution	-	-	-	-	-	-	-	-	-
Total Resources	\$ 1,877,580	\$ 10,382,114	\$ 3,276,310	4,449,680	\$ 3,157,398	\$ 4,582,765	\$ 5,659,951	\$ 590,891	\$ 853,835

Project Requests 2015

Downtown Projects	-	-	1,000,000	-	-	-	-	-	-
Replace 1995 General Telesquirt	606,240	-	-	-	-	-	-	-	-
Loveland Sports Park - Phase II	-	-	-	-	-	550,000	-	-	-
Development On East Side -	-	-	-	-	-	-	-	-	-
Planning - Year 1 of 2 Year Project	-	-	-	-	-	-	-	-	-
Neighborhood Parks	-	-	-	-	400,000	-	-	-	-
Recreation Trail	-	-	-	-	-	-	-	-	50,000
Open Lands Acquisition	-	-	-	-	-	-	200,000	-	-
Parks Improvement Projects	-	-	-	-	-	-	-	-	-
Spray Park/Pool	-	-	-	-	250,000	-	-	-	-
Maintenance Operations Center Remodel	635,730	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	535,610	-	-	-	-	-	-	-	-
Transportation Program	-	524,000	-	-	1,314,000	-	-	-	-
Bridge Replacement Program	100,000	-	-	-	-	-	-	-	-
Street Maintenance	-	-	-	4,449,680	-	-	-	-	-
Total 2015 Project Costs	\$ 1,877,580	\$ 524,000	\$ 1,000,000	\$ 4,449,680	\$ 1,314,000	\$ 950,000	\$ 250,000	\$ 200,000	\$ 50,000
2015 Ending Balance	\$ -	\$ 9,858,114	\$ 2,276,310	\$ -	\$ 1,843,398	\$ 3,632,765	\$ 5,409,951	\$ 390,891	\$ 803,835

2016 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Transportation Fund	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	-	9,858,114	2,276,310	-	1,843,398	3,632,765	5,409,951	390,891	803,835
Current Year	1,306,660	-	1,322,880	-	1,425,990	1,104,050	558,520	266,360	171,480
Interest on Beginning Balance	-	-	-	-	57,150	112,620	167,710	12,120	24,920
HUTF Revenue Allocated to Street Maintenance	-	-	-	1,374,950	-	-	-	-	-
Transportation Fee	-	-	-	3,208,220	-	-	-	-	-
Other Revenue less Operating Expense	-	-	-	-	-	-	-	-	-
Internal Loan Repayment	-	-	(1,085,070)	-	-	-	434,030	-	-
Funding for Operating and Maintenance Reserve Annual Contribution	-	-	-	-	-	-	-	-	-
Total Resources	\$ 1,306,660	\$ 9,858,114	\$ 2,514,120	\$ 4,583,170	\$ 3,326,538	\$ 4,849,435	\$ 6,570,211	\$ 669,371	\$ 1,000,235

Project Requests 2016

Downtown Projects	-	-	1,000,000	-	-	-	-	-	-
Museum Expansion Design (Year 1 of 2 Year Project)	-	-	-	-	-	-	-	-	-
Replace Smeal Engine	652,300	-	-	-	-	-	-	-	-
Loveland Sports Park - Phase II	-	-	-	-	-	2,733,760	-	-	-
Development On East Side - Construction - Year 2 of 2 Year Project	-	-	-	-	-	-	-	-	-
Spray Park	-	-	-	-	-	-	3,000,000	-	-
Recreation Trail	-	-	-	-	-	-	-	114,460	-
Open Lands Acquisition	-	-	-	-	-	-	-	300,000	-
Police Training Facility Design	-	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	469,360	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	85,000	-	-	-	-	-	-	-	-
Transportation Program	-	389,000	-	-	901,000	-	-	-	-
Bridge Replacement Program	100,000	-	-	-	-	-	-	-	-
Street Maintenance	-	-	-	4,583,170	-	-	-	-	-
Total 2016 Project Costs	\$ 1,306,660	\$ 389,000	\$ 1,000,000	\$ 4,583,170	\$ 901,000	\$ 2,733,760	\$ 3,000,000	\$ 300,000	\$ 114,460
2016 Ending Balance	\$ -	\$ 9,469,114	\$ 1,514,120	\$ -	\$ 2,425,538	\$ 2,115,675	\$ 3,570,211	\$ 369,371	\$ 885,775

Gen. Govt. CEF	Fire CEF	Police CEF	Library CEF	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
1,866,796	133	5,004,924	402,359	2,681,890	1,736,089	1,844,098	7,400,777	-	42,912,300
377,110	296,470	336,420	219,260	177,010	500,000	52,700	1,545,710	200,000	12,471,090
48,540	-	130,130	10,460	69,730	45,140	47,950	192,420	-	822,540
-	-	-	-	-	-	-	-	-	1,334,900
-	-	-	-	-	-	-	-	-	3,114,780
-	-	-	-	-	(202,630)	-	(370,230)	-	(572,860)
-	490,390	-	-	-	-	-	-	-	(148,580)
-	-	-	-	-	-	-	(231,860)	-	(231,860)
\$ 2,292,446	\$ 786,993	\$ 5,471,474	\$ 632,079	\$ 2,928,630	\$ 2,078,599	\$ 1,944,748	\$ 8,536,817	\$ 200,000	\$ 59,702,310
-	-	-	-	-	-	-	-	-	1,000,000
-	-	-	-	-	-	-	-	-	606,240
-	-	-	-	-	-	-	-	-	550,000
-	-	-	-	-	-	-	-	-	400,000
-	-	-	-	-	211,730	-	-	-	261,730
-	-	-	-	-	-	-	4,468,100	-	4,468,100
-	-	-	-	-	-	200,000	-	-	200,000
-	-	-	-	-	-	-	-	-	250,000
-	-	-	-	-	-	-	-	-	635,730
-	-	-	-	-	-	-	-	-	535,610
-	-	-	-	-	-	-	-	200,000	2,038,000
-	-	-	-	-	-	-	-	-	100,000
-	-	-	-	-	-	-	-	-	4,449,680
\$ -	\$ -	\$ -	\$ -	\$ -	\$ 211,730	\$ 200,000	\$ 4,468,100	\$ 200,000	\$ 15,695,090
\$ 2,292,446	\$ 786,993	\$ 5,471,474	\$ 632,079	\$ 2,928,630	\$ 1,866,869	\$ 1,744,748	\$ 4,068,717	\$ -	\$ 44,007,220
Gen. Govt. CEF	Fire CEF	Police CEF	Library CEF	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
2,292,446	786,993	5,471,474	632,079	2,928,630	1,866,869	1,744,748	4,068,717	-	44,007,220
388,420	305,360	346,510	223,860	180,730	500,000	52,760	1,576,630	-	9,730,210
71,070	25,970	169,620	19,590	90,790	57,870	54,090	126,130	-	989,650
-	-	-	-	-	-	-	-	-	1,374,950
-	-	-	-	-	-	-	-	-	3,208,220
-	-	-	-	-	(209,720)	-	(383,190)	-	(592,910)
-	495,100	-	-	-	-	-	-	-	(155,940)
-	-	-	-	-	-	-	(236,490)	-	(236,490)
\$ 2,751,936	\$ 1,613,423	\$ 5,987,604	\$ 875,529	\$ 3,200,150	\$ 2,215,019	\$ 1,851,598	\$ 5,151,797	\$ -	\$ 58,324,910
-	-	-	-	-	-	-	-	-	1,000,000
-	-	-	-	2,328,140	-	-	-	-	2,328,140
-	-	-	-	-	-	-	-	-	652,300
-	-	-	-	-	-	-	-	-	2,733,760
-	-	-	-	-	-	-	-	-	3,000,000
-	-	-	-	-	616,910	-	-	-	731,370
-	-	-	-	-	-	-	1,280,000	-	1,580,000
-	-	1,810,000	-	-	-	-	-	-	1,810,000
-	-	-	-	-	-	-	-	-	469,360
-	-	-	-	-	-	-	-	-	85,000
-	-	-	-	-	-	-	-	-	1,290,000
-	-	-	-	-	-	-	-	-	100,000
-	-	-	-	-	-	-	-	-	4,583,170
\$ -	\$ -	\$ 1,810,000	\$ -	\$ 2,328,140	\$ 616,910	\$ -	\$ 1,280,000	\$ -	\$ 20,363,100
\$ 2,751,936	\$ 1,613,423	\$ 4,177,604	\$ 875,529	\$ 872,010	\$ 1,598,109	\$ 1,851,598	\$ 3,871,797	\$ -	\$ 37,961,810

2017 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Transportation Fund	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	-	9,469,114	1,514,120	-	2,425,538	2,115,675	3,570,211	369,371	885,775
Current Year	1,170,760	-	1,389,820	-	1,468,770	1,126,130	569,690	271,690	174,910
Interest on Beginning Balance	-	-	-	-	80,040	69,820	117,820	12,190	29,230
HUTF Revenue Allocated to Street Maintenance	-	-	-	1,416,200	-	-	-	-	-
Transportation Fee	-	-	-	3,304,470	-	-	-	-	-
Internal Loan Repayment	-	-	(484,330)	-	-	-	446,740	-	-
Other Revenue less Operating Expense	-	-	-	-	-	-	-	-	-
Funding for Operating and Maintenance Reserve Annual Contribution	-	-	-	-	-	-	-	-	-
Total Resources	\$ 1,170,760	\$ 9,469,114	\$ 2,419,610	\$ 4,720,670	\$ 3,974,348	\$ 3,311,625	\$ 4,704,461	\$ 653,251	\$ 1,089,915

Project Requests 2017

Downtown Projects	-	-	600,000	-	-	-	-	-	-
Museum Expansion Construction (Year 2 of 2 Year Project)	-	-	-	-	-	-	-	-	-
Cemetery Buildings	497,000	-	-	-	-	-	-	-	-
Open Lands	-	-	-	-	-	-	-	440,000	-
Park Improvement Projects	-	-	-	-	-	-	-	-	-
North Lake Train Engine Replacement	-	-	-	-	-	-	-	-	-
Recreation Trail	-	-	-	-	-	-	-	-	475,230
Neighborhood parks	-	-	-	-	-	600,000	-	-	-
Police Training Facility Construction Phase I	-	5,400,000	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	503,760	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	70,000	-	-	-	-	-	-	-	-
Transportation Program	-	363,600	-	-	899,400	-	-	-	-
Bridge Replacement Program	100,000	-	-	-	-	-	-	-	-
Street Maintenance	-	-	-	4,720,670	-	-	-	-	-
Total 2017 Project Costs	\$ 1,170,760	\$ 5,763,600	\$ 600,000	\$ 4,720,670	\$ 899,400	\$ 600,000	\$ -	\$ 440,000	\$ 475,230
2017 Ending Balance	\$ -	\$ 3,705,514	\$ 1,819,610	\$ -	\$ 3,074,948	\$ 2,711,625	\$ 4,704,461	\$ 213,251	\$ 614,685

2018 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Transportation Fund	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	-	3,705,514	1,819,610	-	3,074,948	2,711,625	4,704,461	213,251	614,685
Current Year	2,375,690	-	1,460,170	-	1,512,830	1,148,650	581,080	277,120	178,410
Interest on Beginning Balance	-	-	-	-	113,770	100,330	174,070	7,890	22,740
HUTF Revenue Allocated to Street Maintenance	-	-	-	1,458,690	-	-	-	-	-
Transportation Fee	-	-	-	3,403,600	-	-	-	-	-
Other Revenue less Operating Expense	-	-	-	-	-	-	-	-	-
Funding for Operating and Maintenance Reserve Annual Contribution	-	-	-	-	-	-	-	-	-
Total Resources	\$ 2,375,690	\$ 3,705,514	\$ 3,279,780	\$ 4,862,290	\$ 4,701,548	\$ 3,960,605	\$ 5,459,611	\$ 498,261	\$ 815,835

Project Requests 2018

Construct New Fire Station 10 to Improve W Side Service	-	-	-	-	-	-	-	-	-
North Lake Park	375,000	-	-	-	-	-	-	-	-
Open Lands	-	-	-	-	-	-	-	-	-
Neighborhood Parks	-	-	-	-	-	600,000	-	-	-
Fairgrounds Park	-	-	-	-	-	550,000	-	-	-
Police Training Facility Construction Phase II	1,406,850	1,338,150	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	513,840	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	80,000	-	-	-	-	-	-	-	-
Transportation Program	-	351,000	-	-	949,000	-	-	-	-
Bridge Replacement Program	-	-	-	-	-	-	-	-	-
Street Maintenance	-	-	-	4,862,290	-	-	-	-	-
Total 2018 Project Costs	\$ 2,375,690	\$ 1,689,150	\$ -	\$ 4,862,290	\$ 949,000	\$ 1,150,000	\$ -	\$ 498,261	\$ 815,835
2018 Ending Balance	\$ -	\$ 2,016,364	\$ 3,279,780	\$ -	\$ 3,752,548	\$ 2,810,605	\$ 5,459,611	\$ 498,261	\$ 815,835

Gen. Govt. CEF	Fire CEF	Police CEF	Library CEF	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
2,751,936	1,613,423	4,177,604	875,529	872,010	1,598,109	1,851,598	2,371,797	-	36,461,810
400,070	314,520	356,910	228,340	184,340	500,000	52,810	1,608,160	10,000,000	19,816,920
90,810	59,700	137,860	28,890	28,780	52,740	61,100	78,270		847,250
-	-	-	-	-	-	-	-	-	1,416,200
-	-	-	-	-	-	-	-	-	3,304,470
-	37,590	-	-	-	-	(217,060)	-	(367,400)	-
-	-	-	-	-	-	-	(241,220)	-	(241,220)
\$ 3,242,816 \$	2,025,233 \$	4,672,374 \$	1,132,759 \$	1,085,130 \$	1,933,789 \$	1,965,508 \$	3,449,607 \$	10,000,000 \$	61,020,970
-	-	-	-	-	-	-	-	-	600,000
2,192,820	-	-	-	1,000,000	-	-	-	10,000,000	13,192,820
-	-	-	-	-	-	-	-	-	497,000
-	-	-	-	-	-	3,183,100	-	-	3,623,100
-	-	-	-	-	200,000	-	-	-	200,000
-	-	-	-	-	100,000	-	-	-	100,000
-	-	-	-	113,280	-	-	-	-	588,510
-	-	-	-	-	-	-	-	-	600,000
-	-	4,600,000	-	-	-	-	-	-	10,000,000
-	-	-	-	113,280	-	-	-	-	617,040
-	-	-	-	-	-	-	-	-	70,000
-	-	-	-	-	-	-	-	-	1,263,000
-	-	-	-	-	-	-	-	-	100,000
\$ 2,192,820 \$	- \$	4,600,000 \$	- \$	1,000,000 \$	226,560 \$	300,000 \$	3,183,100 \$	10,000,000 \$	36,172,140
\$ 1,049,996 \$	2,025,233 \$	72,374 \$	1,132,759 \$	85,130 \$	1,707,229 \$	1,665,508 \$	266,507 \$	- \$	24,848,830
Gen. Govt. CEF	Fire CEF	Police CEF	Library CEF	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
1,049,996	2,025,233	72,374	1,132,759	85,130	1,707,229	1,665,508	266,507	-	24,848,830
412,070	323,960	367,620	232,910	188,030	500,000	52,870	1,640,320	1,042,000	12,293,730
38,850	87,090	2,680	41,910	3,150	63,170	61,620	9,860	-	727,130
-	-	-	-	-	-	-	-	-	1,458,690
-	-	-	-	-	(224,660)	-	(380,260)	-	3,403,600
-	-	-	-	-	-	-	(246,050)	-	(246,050)
\$ 1,500,916 \$	2,436,283 \$	442,674 \$	1,407,579 \$	276,310 \$	2,045,739 \$	1,779,998 \$	1,290,377 \$	1,042,000 \$	41,881,010
-	1,563,000	-	-	-	-	-	-	1,042,000	2,605,000
-	-	-	-	-	-	-	-	-	375,000
-	-	-	-	-	-	-	1,290,377	-	1,290,377
-	-	-	-	-	-	-	-	-	600,000
-	-	-	-	-	-	-	-	-	550,000
-	-	400,000	-	-	-	-	-	-	3,145,000
-	-	-	-	-	-	-	-	-	513,840
-	-	-	-	-	-	-	-	-	80,000
-	-	-	-	-	-	-	-	-	1,300,000
-	-	-	-	-	-	-	-	-	4,862,290
\$ 1,500,916 \$	1,563,000 \$	400,000 \$	- \$	- \$	- \$	- \$	1,290,377 \$	1,042,000 \$	15,321,507
\$ 1,500,916 \$	873,283 \$	42,674 \$	1,407,579 \$	276,310 \$	2,045,739 \$	1,779,998 \$	- \$	- \$	26,559,503

2019 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Transportation Fund	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	-	2,016,364	3,279,780	-	3,752,548	2,810,605	5,459,611	498,261	815,835
Current Year	3,359,620	-	1,534,100	-	1,558,210	1,171,620	592,700	282,660	181,980
Interest on Beginning Balance	-	-	-	-	161,360	120,860	234,760	21,430	35,080
HUTF Revenue Allocated to Street	-	-	-	1,502,450	-	-	-	-	-
Maintenance	-	-	-	-	-	-	-	-	-
Transportation Fee	-	-	-	3,505,710	-	-	-	-	-
Other Revenue less Operating	-	-	-	-	-	-	-	-	-
Expense	-	-	-	-	-	-	-	-	-
Total Resources	\$ 3,359,620	\$ 2,016,364	\$ 4,813,880	\$ 5,008,160	\$ 5,472,118	\$ 4,103,085	\$ 6,287,071	\$ 802,351	\$ 1,032,895

Project Requests 2019

Open Lands	-	-	-	-	-	-	-	480,000	-
Fairgrounds Park	-	-	-	-	-	-	250,000	-	-
Junior Achievement Park	-	-	-	-	-	-	250,000	-	-
Police Training Facility Construction	-	-	-	-	-	-	-	-	-
Phase II	2,745,000	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	534,620	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	80,000	-	-	-	-	-	-	-	-
Transportation Program	-	389,000	-	-	1,001,000	-	-	-	-
Bridge Replacement Program	-	-	-	-	-	-	-	-	-
Street Maintenance	-	-	-	5,008,160	-	-	-	-	-
Total 2019 Project Costs	\$ 3,359,620	\$ 389,000	\$ -	\$ 5,008,160	\$ 1,001,000	\$ 500,000	\$ -	\$ 480,000	\$ -
2019 Ending Balance	\$ -	\$ 1,627,364	\$ 4,813,880	\$ -	\$ 4,471,118	\$ 3,603,085	\$ 6,287,071	\$ 322,351	\$ 1,032,895

2020 Revenue Sources

2020 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Transportation Fund	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	-	1,627,364	4,813,880	-	4,471,118	3,603,085	6,287,071	322,351	1,032,895
Current Year	636,130	-	1,611,810	-	1,604,960	1,195,050	604,550	288,310	185,620
Interest on Beginning Balance	-	-	-	-	205,670	165,740	289,210	14,830	47,510
HUTF Revenue Allocated to Street	-	-	-	1,547,520	-	-	-	-	-
Maintenance	-	-	-	-	-	-	-	-	-
Transportation Fee	-	-	-	3,610,880	-	-	-	-	-
Other Revenue less Operating	-	-	-	-	-	-	-	-	-
Expense	-	-	-	-	-	-	-	-	-
Total Resources	\$ 636,130	\$ 1,627,364	\$ 6,425,690	\$ 5,158,400	\$ 6,281,748	\$ 4,963,875	\$ 7,180,831	\$ 625,491	\$ 1,266,025

Project Requests 2020

Park Improvement Projects	-	-	-	-	-	-	-	-	-
Kroh Park	-	-	-	-	-	470,000	-	-	-
Open Lands	-	-	-	-	-	-	-	430,000	-
Facility Maintenance Capital (Building Maintenance Projects)	411,130	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	225,000	-	-	-	-	-	-	-	-
Transportation Program	-	373,000	-	-	1,101,000	-	-	-	-
Bridge Replacement Program	-	-	-	-	-	-	-	-	-
Street Maintenance	-	-	-	5,158,400	-	-	-	-	-
Total 2020 Project Costs	\$ 636,130	\$ 373,000	\$ -	\$ 5,158,400	\$ 1,101,000	\$ 470,000	\$ -	\$ 430,000	\$ -
2020 Ending Balance	\$ -	\$ 1,254,364	\$ 6,425,690	\$ -	\$ 5,180,748	\$ 4,493,875	\$ 7,180,831	\$ 195,491	\$ 1,266,025

Gen. Govt. CEF	Fire CEF	Police CEF	Library	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
1,500,916	873,283	42,674	1,407,579	276,310	2,045,739	1,779,998	-	-	26,559,503
424,430	333,680	378,650	237,570	191,790	500,000	52,930	-	-	10,799,940
64,540	40,170	1,830	60,530	11,880	87,970	76,540	-	-	916,950
-	-	-	-	-	-	-	-	-	1,502,450
-	-	-	-	-	-	-	-	-	3,505,710
-	-	-	-	(228,960)	-	-	-	-	(228,960)
\$ 1,989,886	\$ 1,247,133	\$ 423,154	\$ 1,705,679	\$ 479,980	\$ 2,404,749	\$ 1,909,468	\$ -	\$ -	\$ 43,055,593
-	-	-	-	-	-	-	-	-	480,000
-	-	-	-	-	-	-	-	-	250,000
-	-	-	-	-	500,000	-	-	-	750,000
-	-	400,000	-	-	-	-	-	-	3,145,000
-	-	-	-	-	-	-	-	-	534,620
-	-	-	-	-	-	-	-	-	80,000
-	-	-	-	-	-	-	-	-	1,390,000
-	-	-	-	-	-	-	-	-	5,008,160
\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 11,637,780
\$ 1,989,886	\$ 1,247,133	\$ 23,154	\$ 1,705,679	\$ 479,980	\$ 2,404,749	\$ 1,409,468	\$ -	\$ -	\$ 31,417,813
Gen. Govt. CEF	Fire CEF	Police CEF	Library	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
1,989,886	1,247,133	23,154	1,705,679	479,980	2,404,749	1,409,468	-	-	31,417,813
437,160	343,690	390,010	242,320	195,630	500,000	52,930	-	-	8,288,170
91,530	58,620	1,070	78,460	22,080	110,620	64,840	-	-	1,150,180
-	-	-	-	-	-	-	-	-	1,547,520
-	-	-	-	-	-	-	-	-	3,610,880
-	-	-	-	(236,970)	-	-	-	-	(236,970)
\$ 2,518,576	\$ 1,649,443	\$ 414,234	\$ 2,026,459	\$ 697,690	\$ 2,778,399	\$ 1,527,238	\$ -	\$ -	\$ 45,777,593
-	-	-	-	-	-	200,000	-	-	200,000
-	-	-	-	-	-	-	-	-	470,000
-	-	-	-	-	-	-	-	-	430,000
-	-	-	-	-	-	-	-	-	411,130
-	-	-	-	-	-	-	-	-	225,000
-	-	-	-	-	-	-	-	-	1,474,000
-	-	-	-	-	-	-	-	-	5,158,400
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 8,368,530
\$ 2,518,576	\$ 1,649,443	\$ 414,234	\$ 2,026,459	\$ 697,690	\$ 2,778,399	\$ 1,327,238	\$ -	\$ -	\$ 37,409,063

2021 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Transportation Fund	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	-	1,254,364	6,425,690	-	5,180,748	4,493,875	7,180,831	195,491	1,266,025
Current Year	1,333,390	-	1,693,470	-	1,653,110	1,217,760	616,040	293,790	189,150
Interest on Beginning Balance	-	-	-	-	243,500	211,210	337,500	9,190	59,500
HUTF Revenue Allocated to Street	-	-	-	1,593,940	-	-	-	-	-
Maintenance	-	-	-	-	-	-	-	-	-
Transportation Fee	-	-	-	3,719,210	-	-	-	-	-
Other Revenue less Operating	-	-	-	-	-	-	-	-	-
Expense	-	-	-	-	-	-	-	-	-
Total Resources	\$ 1,333,390	\$ 1,254,364	\$ 8,119,160	\$ 5,313,150	\$ 7,077,358	\$ 5,922,845	\$ 8,134,371	\$ 498,471	\$ 1,514,675

Project Requests 2021

Rec Trail Underpass/Crossing	-	-	-	-	-	-	-	-	1,100,000
Neighborhood Parks	-	-	-	-	-	700,000	-	-	-
Kroh Park- Phase II	-	-	-	-	-	1,730,000	-	-	-
Park Improvement Projects	-	-	-	-	-	-	-	-	-
Open Lands	-	-	-	-	-	-	-	315,000	-
Facility Maintenance Capital (Building Maintenance Projects)	658,390	-	-	-	-	-	-	-	-
Transportation Program	-	412,800	-	-	1,246,200	-	-	-	-
Cold Planer Replacement	675,000	-	-	-	-	-	-	-	-
Bridge Replacement Program	-	-	-	-	-	-	-	-	-
Street Maintenance	-	-	-	5,313,150	-	-	-	-	-
Total 2021 Project Costs	\$ 1,333,390	\$ 412,800	\$ -	\$ 5,313,150	\$ 1,246,200	\$ 2,430,000	\$ -	\$ 315,000	\$ 1,100,000
2021 Ending Balance	\$ -	\$ 841,564	\$ 8,119,160	\$ -	\$ 5,831,158	\$ 3,492,845	\$ 8,134,371	\$ 183,471	\$ 414,675

2022 Revenue Sources

2022 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Transportation Fund	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	-	841,564	8,119,160	-	5,831,158	3,492,845	8,134,371	183,471	414,675
Current Year	681,430	-	1,779,290	-	1,702,700	1,240,900	627,740	299,370	192,740
Interest on Beginning Balance	-	-	-	-	279,900	167,660	390,450	8,810	19,900
HUTF Revenue Allocated to Street	-	-	-	1,641,760	-	-	-	-	-
Maintenance	-	-	-	-	-	-	-	-	-
Transportation Fee	-	-	-	3,830,780	-	-	-	-	-
Total Resources	\$ 681,430	\$ 841,564	\$ 9,898,450	\$ 5,472,540	\$ 7,813,758	\$ 4,901,405	\$ 9,152,561	\$ 491,651	\$ 627,315

Project Requests 2022

Neighborhood Parks	-	-	-	-	-	1,200,000	-	-	-
Open Lands	-	-	-	-	-	-	-	350,000	-
Facility Maintenance Capital (Building Maintenance Projects)	681,430	-	-	-	-	-	-	-	-
Transportation Program	-	488,500	-	-	1,027,900	-	-	-	-
Bridge Replacement Program	-	-	-	-	-	-	-	-	-
Street Maintenance	-	-	-	5,472,540	-	-	-	-	-
Total 2022 Project Costs	\$ 681,430	\$ 488,500	\$ -	\$ 5,472,540	\$ 1,027,900	\$ 1,200,000	\$ -	\$ 350,000	\$ -
2022 Ending Balance	\$ -	\$ 353,064	\$ 9,898,450	\$ -	\$ 6,785,858	\$ 3,701,405	\$ 9,152,561	\$ 141,651	\$ 627,315

2023 Revenue Sources

2023 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Transportation Fund	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	-	353,064	9,898,450	-	6,785,858	3,701,405	9,152,561	141,651	627,315
Current Year	1,135,716	-	1,869,500	-	1,753,780	1,263,240	639,040	304,760	196,210
Interest on Beginning Balance	-	-	-	-	325,720	177,670	439,320	6,800	30,110
HUTF Revenue Allocated to Street	-	-	-	1,691,020	-	-	-	-	-
Maintenance	-	-	-	-	-	-	-	-	-
Transportation Fee	-	-	-	3,945,700	-	-	-	-	-
Total Resources	\$ 1,135,716	\$ 353,064	\$ 11,767,950	\$ 5,636,720	\$ 8,865,358	\$ 5,142,315	\$ 10,230,921	\$ 453,211	\$ 853,635

Project Requests 2023

Park Improvement Projects	-	-	-	-	-	-	-	-	-
Open Lands	-	-	-	-	-	-	-	300,000	-
Facility Maintenance Capital (Building Maintenance Projects)	705,280	-	-	-	-	-	-	-	-
Transportation Program	330,436	353,064	-	1,731,500	-	-	-	-	-
Bridge Replacement Program	-	-	-	-	-	-	-	-	-
Street Maintenance	-	-	-	5,636,720	-	-	-	-	-
Total 2023 Project Costs	\$ 1,035,716	\$ 353,064	\$ -	\$ 7,368,220	\$ -	\$ -	\$ -	\$ 300,000	\$ -
2023 Ending Balance	\$ 100,000	-	\$ 11,767,950	\$ (1,731,500)	\$ 8,865,358	\$ 5,142,315	\$ 10,230,921	\$ 153,211	\$ 853,635

Total All Years Project Costs **\$ 18,001,786** **\$ 13,019,824** **\$ 3,600,000** **\$ 51,256,360** **\$ 9,938,400** **\$ 10,333,760** **\$ 3,300,000** **\$ 3,091,000** **\$ 1,939,690**

Gen. Govt. CEF	Fire CEF	Police CEF	Library	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
2,518,576	1,649,443	414,234	2,026,459	697,690	2,778,399	1,327,238	-	-	37,409,063
450,270	354,000	401,710	246,920	199,350	500,000	52,930	-	-	9,201,890
118,370	77,520	19,470	95,240	32,790	130,580	62,380	-	-	1,397,250
-	-	-	-	-	-	-	-	-	1,593,940
-	-	-	-	-	-	-	-	-	3,719,210
-	-	-	-	(245,260)	-	-	-	-	(245,260)
\$ 3,087,216	\$ 2,080,963	\$ 835,414	\$ 2,368,619	\$ 929,830	\$ 3,163,719	\$ 1,442,548	\$ -	\$ -	\$ 53,076,093
-	-	-	-	-	-	-	-	-	1,100,000
-	-	-	-	-	-	-	-	-	700,000
-	-	-	-	-	-	-	-	-	1,730,000
-	-	-	-	-	200,000	-	-	-	200,000
-	-	-	-	-	-	-	-	-	315,000
-	-	-	-	-	-	-	-	-	658,390
-	-	-	-	-	-	-	-	-	1,659,000
-	-	-	-	-	-	-	-	-	675,000
-	-	-	-	-	-	-	-	-	5,313,150
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 12,350,540
\$ 3,087,216	\$ 2,080,963	\$ 835,414	\$ 2,368,619	\$ 929,830	\$ 3,163,719	\$ 1,242,548	\$ -	\$ -	\$ 40,725,553
Gen. Govt. CEF	Fire CEF	Police CEF	Library	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
3,087,216	2,080,963	835,414	2,368,619	929,830	3,163,719	1,242,548	-	-	40,725,553
463,780	364,620	413,760	251,610	203,140	500,000	52,930	-	-	8,774,010
148,190	99,890	40,100	113,690	44,630	151,860	59,640	-	-	1,524,720
-	-	-	-	-	-	-	-	-	1,641,760
-	-	-	-	-	-	-	-	-	3,830,780
\$ 3,699,186	\$ 2,545,473	\$ 1,289,274	\$ 2,733,919	\$ 1,177,600	\$ 3,815,579	\$ 1,355,118	\$ -	\$ -	\$ 56,496,823
-	-	-	-	-	-	-	-	-	1,200,000
-	-	-	-	-	-	-	-	-	350,000
-	-	-	-	-	-	-	-	-	681,430
-	-	-	-	-	-	-	-	-	1,516,400
-	-	-	-	-	-	-	-	-	5,472,540
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,220,370
\$ 3,699,186	\$ 2,545,473	\$ 1,289,274	\$ 2,733,919	\$ 1,177,600	\$ 3,815,579	\$ 1,355,118	\$ -	\$ -	\$ 47,276,453
Gen. Govt. CEF	Fire CEF	Police CEF	Library	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	-
3,699,186	2,545,473	1,289,274	2,733,919	1,177,600	3,815,579	1,355,118	-	-	47,276,453
477,690	375,560	426,170	256,140	206,800	500,000	52,930	-	600,000	10,057,536
177,560	122,180	61,890	131,230	56,520	183,150	65,050	-	-	1,777,200
-	-	-	-	-	-	-	-	-	1,691,020
-	-	-	-	-	-	-	-	-	3,945,700
\$ 4,354,436	\$ 3,043,213	\$ 1,777,334	\$ 3,121,289	\$ 1,440,920	\$ 4,498,729	\$ 1,473,098	\$ -	\$ 600,000	\$ 64,747,909
-	-	-	-	-	-	200,000	-	-	200,000
-	-	-	-	-	-	-	-	-	300,000
-	-	-	-	-	-	-	-	-	705,280
-	-	-	-	-	-	-	-	600,000	3,015,000
-	-	-	-	-	-	-	-	-	5,636,720
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ 600,000	\$ 9,857,000
\$ 4,354,436	\$ 3,043,213	\$ 1,777,334	\$ 3,121,289	\$ 1,440,920	\$ 4,498,729	\$ 1,273,098	\$ -	\$ -	\$ 54,890,909
\$ 2,192,820	\$ 2,464,970	\$ 7,210,000	\$ -	\$ 3,328,140	\$ 1,155,530	\$ 1,805,000	\$ 13,816,577	\$ 12,064,690	\$ 158,518,547

2014-2023 Golf Enterprise Recommended Capital Program

	2014	2015	2016	2017	2018	Five Year Total
Revenue						
Beginning Balance	2,397,895	2,175,205	1,929,885	1,653,385	1,585,235	2,397,895
Golf Revenue Available for Capital Projects	703,350	650,090	609,800	635,280	587,200	3,185,720
Interest	62,350	67,430	63,690	61,180	68,170	322,820
Total Revenue	3,163,595	2,892,725	2,603,375	2,349,845	2,240,605	5,906,435
Expense						
Olde Course						
Equipment Replacement	123,120	143,340	466,920	178,410	199,880	1,111,670
Renovations/Repairs/Infrastructure	30,000	-	-	21,700	-	51,700
Maintenance Building and Club House	595,600	-	-	-	-	595,600
Subtotal Olde Course	748,720	143,340	466,920	200,110	199,880	1,758,970
Cattail Creek						
Equipment Replacement	25,560	92,700	22,390	14,430	-	155,080
Renovations/Repairs/Infrastructure	35,000	586,480	-	85,500	-	706,980
Sub-Total Cattail creek	60,560	679,180	22,390	99,930	-	862,060
Mariana Butte						
Equipment Replacement	154,110	116,320	460,680	192,100	209,150	1,132,360
Renovations/Repairs/Infrastructure	25,000	24,000	-	272,470	-	321,470
Water	-	-	-	-	150,000	150,000
Subtotal Equipment	179,110	140,320	460,680	464,570	359,150	1,603,830
Total Expenditures	988,390	962,840	949,990	764,610	559,030	4,224,860
Ending Balance	2,175,205	1,929,885	1,653,385	1,585,235	1,681,575	1,681,575
Required Operating Reserve	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Reserve for Capital Projects	975,205	729,885	453,385	385,235	481,575	481,575

2019	2020	2021	2022	2023	Ten Year Total
1,681,575	2,007,475	2,474,425	2,720,205	2,666,780	2,397,895
509,920	568,120	485,940	485,245	398,390	5,633,335
77,350	94,350	118,770	130,570	128,010	871,870
2,268,845	2,669,945	3,079,135	3,336,020	3,193,180	8,903,100
25,480	31,490	65,950	170,590	71,640	1,476,820
-	-	40,000	-	640,080	731,780
-	-	-	150,000	2,202,660	2,948,260
25,480	31,490	105,950	320,590	2,914,380	5,156,860
16,540	7,390	-	-	33,310	212,320
-	-	-	-	-	706,980
16,540	7,390	-	-	33,310	919,300
219,350	156,640	1,280	237,480	14,530	1,761,640
-	-	251,700	111,170	-	684,340
-	-	-	-	-	150,000
219,350	156,640	252,980	348,650	14,530	2,595,980
261,370	195,520	358,930	669,240	2,962,220	8,672,140
2,007,475	2,474,425	2,720,205	2,666,780	230,960	230,960
1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
807,475	1,274,425	1,520,205	1,466,780	(969,040)	(969,040)

2014-2023 Power Utility Enterprise Capital Program

	2014	2015	2016	2017	2018	Five Year Total
Revenue						
Beginning Balance	\$ 12,595,818	\$ 8,006,398	\$ 5,228,985	\$ 6,344,524	\$ 6,901,647	\$ 12,595,818
Operating Revenues Available for Capital	2,989,200	4,012,737	4,359,299	4,693,373	4,869,640	20,924,249
Aid to Construction	750,000	776,260	1,017,660	1,053,290	1,090,140	4,687,350
Customer deposits - Service Installations	190,000	196,650	203,530	210,660	218,040	1,018,880
Payback from Water	840,000	828,750	840,000	843,750	832,500	4,185,000
PIF Collections	2,437,100	2,577,450	2,725,930	2,879,870	3,042,460	13,662,810
Interest on Investments/Income	180,950	200,090	203,570	227,890	275,770	1,088,270
Total Revenue	\$ 19,983,068	\$ 16,598,335	\$ 14,578,974	\$ 16,253,357	\$ 17,230,197	\$ 58,162,377
Expense						
Infrastructure						
Hydro Generation	3,025,000	3,260,250	160,680	-	-	6,445,930
System Improvements	1,376,070	1,058,270	1,148,160	987,270	1,354,630	5,924,400
Customer Aid to Construction	750,000	776,260	1,017,660	1,053,290	1,090,140	4,687,350
Misc. Feeder Extensions	225,000	232,870	321,360	415,760	516,380	1,711,370
Smaller 200 Amp Projects	125,000	129,370	133,900	138,590	143,440	670,300
Misc. Electric Relocations Road Related Projects	210,000	619,700	214,240	221,740	229,500	1,495,180
Substation Security	200,000	207,000	214,250	221,740	-	842,990
Replace H1 Transformer at Horseshoe Substation	750,000	-	-	-	-	750,000
Replace W1 Transformer at West Substation	-	-	-	665,230	149,180	814,410
Replace E1 Transformer at East Substation	-	-	-	-	-	-
Callisto (vault 2716) East along E 5th North to Boyd	570,000	-	-	-	-	570,000
200 Amp Cable Replacement Projects	325,600	2,849,350	621,480	-	-	3,796,430
Canyon Conversion	-	20,700	267,800	891,690	1,650,140	2,830,330
Overhead to Underground Conversion Projects	900,000	238,730	358,860	22,180	860,640	2,380,410
Streetlight Projects	350,000	362,250	374,920	388,050	401,630	1,876,850
Hyw 402 Feeder Extension	-	-	2,142,450	3,326,150	-	5,468,600
Crossroads Substation-new trans and feeder ext.	1,150,000	517,500	-	-	-	1,667,500
Horseshoe Substation-install new components/feeder extension	1,300,000	-	-	-	-	1,300,000
Valley Substation purchase/install new components/feeder extension	-	672,750	642,730	-	1,606,530	2,922,010
East Substation-purchase/install new components	-	-	348,150	-	149,180	497,330
West Substation-purchase/install new components and feeder extension	-	-	-	1,020,020	-	1,020,020
New Substation-Southeast corner of service territory	300,000	-	-	-	-	300,000
Misc. General Plant Projects	420,000	155,250	-	-	-	575,250
Subtotal Infrastructure	\$ 11,976,670	\$ 11,100,250	\$ 7,966,640	\$ 9,351,710	\$ 8,151,390	\$ 48,546,660
New & Replacement Equipment						
	-	269,100	267,810	-	-	536,910
Subtotal Equipment	\$ -	\$ 269,100	\$ 267,810	\$ -	\$ -	\$ 536,910
Total	\$ 11,976,670	\$ 11,369,350	\$ 8,234,450	\$ 9,351,710	\$ 8,151,390	\$ 49,083,570
Reserve for Future Capital Projects	\$ 8,006,398	\$ 5,228,985	\$ 6,344,524	\$ 6,901,647	\$ 9,078,807	\$ 9,078,807

					Ten Year Total
2019	2020	2021	2022	2023	
\$ 9,078,807	\$ 10,596,631	\$ 11,809,367	\$ 14,730,114	\$ 18,708,528	\$ 12,595,818
4,935,044	5,343,916	5,712,157	5,800,594	6,211,346	48,927,306
1,128,300	1,167,800	1,208,670	1,250,970	1,294,750	10,737,840
225,660	233,560	241,730	250,190	258,950	2,228,970
817,500	802,500	780,000	-	-	6,585,000
3,214,150	3,395,430	3,583,230	3,781,200	3,986,040	31,622,860
335,830	393,040	508,750	645,460	835,290	3,806,640
\$ 19,735,291	\$ 21,932,877	\$ 23,843,904	\$ 26,458,528	\$ 31,294,904	\$ 116,504,434
					6,445,930
1,402,020	1,451,100	1,501,880	1,554,430	1,608,860	13,442,690
1,128,300	1,167,800	1,208,670	1,250,970	1,294,750	10,737,840
564,150	614,620	627,100	724,240	783,660	5,025,140
148,460	153,660	159,030	164,600	170,360	1,466,410
237,540	245,850	254,460	263,360	913,480	3,409,870
-	-	-	-	-	842,990
-	-	-	-	-	750,000
-	-	-	-	-	814,410
-	860,480	-	-	-	860,480
-	-	-	-	-	570,000
59,380	1,843,890	1,921,140	1,751,350	2,684,910	12,057,100
2,213,910	-	-	-	-	5,044,240
878,890	663,800	1,482,210	-	-	5,405,310
237,530	245,850	254,450	263,360	272,570	3,150,610
-	-	-	-	-	5,468,600
-	-	-	-	-	1,667,500
-	-	-	-	-	1,300,000
-	-	-	-	-	2,922,010
-	-	-	-	-	497,330
676,980	1,229,260	-	-	-	2,926,260
1,591,500	1,647,200	1,704,850	1,777,690	-	7,021,240
-	-	-	-	-	575,250
\$ 9,138,660	\$ 10,123,510	\$ 9,113,790	\$ 7,750,000	\$ 7,728,590	92,401,210
					536,910
\$ -	\$ -	\$ -	\$ -	\$ -	536,910
\$ 9,138,660	\$ 10,123,510	\$ 9,113,790	\$ 7,750,000	\$ 7,728,590	\$ 92,938,120
\$ 10,596,631	\$ 11,809,367	\$ 14,730,114	\$ 18,708,528	\$ 23,566,314	\$ 23,566,314

2014-2023 Storm Water Enterprise Capital Program

	2014	2015	2016	2017	2018	Five Year Total
Revenue						
Beginning Balance	\$ 2,220,460	\$ 1,178,620	\$ 1,087,680	\$ 5,172,560	\$ 5,813,490	\$ 2,220,460
Operating Revenue Available for Capital	1,433,480	1,845,650	5,339,720	2,769,600	3,718,240	15,106,690
System Impact Fees	209,710	241,170	277,350	318,950	366,790	1,413,970
SIF Interest	24,970	5,240	6,210	11,880	-	48,300
Total Revenue	\$ 3,888,620	\$ 3,270,680	\$ 6,710,960	\$ 8,272,990	\$ 9,898,520	\$ 32,041,770
Expense						
Infrastructure						
Airport Basin Master Plan Improvements	1,300,000	-	-	-	-	1,300,000
South Loveland Outfall Phase III	300,000	85,000	-	1,060,000	465,000	1,910,000
Maintenance Projects	400,000	400,000	900,000	400,000	400,000	2,500,000
Survey and Geotechnical Services	75,000	75,000	75,000	75,000	75,000	375,000
Storm Water Quality Projects	75,000	75,000	75,000	75,000	75,000	375,000
Madison Avenue Outfall	-	600,000	-	-	-	600,000
Silver Lake Improvements	-	100,000	-	-	930,000	1,030,000
Boyd Lake Outlet Ditch	-	200,000	-	500,000	-	700,000
Garfield and Harrison Outfall	-	-	-	-	-	-
South Rist Benson Lake Outfall	-	-	-	-	-	-
16th Street Storm Sewer (Madison to Cheyenne)	-	-	-	-	-	-
Oversizing Projects	-	-	-	-	-	-
Wilson and Eisenhower Improvements	-	-	-	-	-	-
29th and Sheridan Improvements	-	-	-	-	-	-
Baretta Drive Improvements	-	-	-	-	-	-
Subtotal Infrastructure	\$ 2,150,000	\$ 1,535,000	\$ 1,050,000	\$ 2,110,000	\$ 1,945,000	\$ 8,790,000
New & Replacement Equipment						
Equipment Replacement	560,000	648,000	488,400	349,500	475,000	2,520,900
New Equipment	-	-	-	-	-	-
Subtotal Equipment	\$ 560,000	\$ 648,000	\$ 488,400	\$ 349,500	\$ 475,000	\$ 2,520,900
Total	\$ 2,710,000	\$ 2,183,000	\$ 1,538,400	\$ 2,459,500	\$ 2,420,000	\$ 11,310,900
Reserve for Future Capital Projects	\$ 1,178,620	\$ 1,087,680	\$ 5,172,560	\$ 5,813,490	\$ 7,478,520	\$ 20,730,870

2019	2020	2021	2022	2023	Ten Year Total
\$ 7,478,520	\$ 9,951,180	\$ 7,494,860	\$ 5,254,540	\$ 6,914,380	\$ 2,220,460
4,324,350	4,697,600	4,645,840	4,750,320	4,986,700	38,511,500
421,810	485,080	557,840	641,520	737,750	4,257,970
54,000	-	-	-	-	102,300
\$ 12,278,680	\$ 15,133,860	\$ 12,698,540	\$ 10,646,380	\$ 12,638,830	\$ 45,092,230
-	-	-	-	-	1,300,000
-	6,030,000	-	-	-	7,940,000
400,000	400,000	400,000	400,000	400,000	4,500,000
75,000	75,000	75,000	75,000	75,000	750,000
75,000	75,000	75,000	75,000	75,000	750,000
-	-	-	-	-	600,000
-	-	-	-	-	1,030,000
750,000	-	750,000	-	-	2,200,000
650,000	-	5,300,000	-	5,700,000	11,650,000
-	-	140,000	1,500,000	-	1,640,000
-	-	85,000	800,000	-	885,000
-	-	-	500,000	500,000	1,000,000
-	-	-	-	450,000	450,000
-	-	-	-	40,000	40,000
-	-	-	-	70,000	70,000
\$ 1,950,000	\$ 6,580,000	\$ 6,825,000	\$ 3,350,000	\$ 7,310,000	\$ 34,805,000
377,500	706,000	619,000	382,000	-	4,605,400
-	353,000	-	-	-	353,000
\$ 377,500	\$ 1,059,000	\$ 619,000	\$ 382,000	\$ -	4,958,400
\$ 2,327,500	\$ 7,639,000	\$ 7,444,000	\$ 3,732,000	\$ 7,310,000	\$ 39,763,400
\$ 9,951,180	\$ 7,494,860	\$ 5,254,540	\$ 6,914,380	\$ 5,328,830	\$ 5,328,830

2014-2023 Water Enterprise Capital Program

	2014	2015	2016	2017	2018	Five Year Total
Revenue						
Beginning Balance	\$ 19,664,500	\$ 9,949,141	\$ 1,298,187	\$ 4,481,842	\$ 7,310,796	\$ 19,664,500
Operating Revenues	350,161	812,786	1,390,685	1,519,094	4,053,251	8,125,977
SIF Revenues	1,614,150	2,014,930	2,576,920	2,739,620	2,770,700	11,716,320
Interest on Investments	192,030	145,210	44,830	91,920	152,460	626,450
Total Revenue	\$ 21,820,841	\$ 12,922,067	\$ 5,310,622	\$ 8,832,476	\$ 14,287,207	\$ 40,133,247
Expense						
Infrastructure						
Water Line Replacements	2,121,700	1,980,750	489,060	509,850	531,520	5,632,880
Water Line Projects coordinated with Public Works	-	-	-	-	62,780	62,780
Extension and Oversizing Projects	75,000	78,190	81,510	84,970	88,590	408,260
Morning Dr. Alternate 30" Water Line	-	-	-	-	-	-
Morning Drive Pump Station	-	-	-	-	-	-
East Gravity Zone 24" and 16" Lines	-	-	-	380,120	2,704,830	3,084,950
29th Street 5.0 MG Storage Tank #2	-	-	-	-	480,280	480,280
New Water Lines 12" 10th St (RR Spur to Madison)	-	-	122,360	311,230	-	433,590
Southwest Booster Station	-	-	-	-	-	-
Misc. Transmission & Distribution Projects	175,000	130,310	135,850	141,620	147,640	730,420
2.0 MG Dakota Ridge Tank PZ2	-	-	-	-	-	-
16" in Granite (57th to 50th)	-	-	-	93,890	359,360	453,250
3.5 MG 43rd St Tank #2	-	-	-	-	-	-
Water Treatment Plan Projects	-	104,250	-	-	-	104,250
Water Treatment Plant Expansion	9,500,000	9,330,380	-	-	-	18,830,380
Subtotal Infrastructure	\$ 11,871,700	\$ 11,623,880	\$ 828,780	\$ 1,521,680	\$ 4,375,000	\$ 30,221,040
Reserve for Future Capital Projects	\$ 9,949,141	\$ 1,298,187	\$ 4,481,842	\$ 7,310,796	\$ 9,912,207	\$ 9,912,207

2014-2023 Raw Water Enterprise Capital Program

	2014	2015	2016	2017	2018	Five Year Total
Revenue						
Beginning Balance	\$ 22,844,906	\$ 23,399,856	\$ 24,287,366	\$ 3,863,666	\$ 5,553,276	\$ 22,844,906
1% Transfer from Water Rates	839,990	1,118,800	1,325,740	1,556,800	-	4,841,330
Raw Water Devlpmt Fees/Cap Rec Srchg	349,000	444,950	455,070	441,920	451,020	2,141,960
Cash-in-Lieu	45,000	45,670	46,360	47,020	47,700	231,750
Hi-Use Surcharge	43,000	43,640	44,290	44,920	45,570	221,420
Native Raw Water Storage Fee Received	5,000	5,070	5,150	5,220	5,300	25,740
Sale of Water Rights - 402 Corridor (Johnstown)	-	-	-	-	-	-
Interest	322,960	361,660	386,770	160,230	164,310	1,395,930
Total Revenue	\$ 24,449,856	\$ 25,419,646	\$ 26,550,746	\$ 6,119,776	\$ 6,267,176	\$ 31,703,036
Expense						
Infrastructure						
Windy Gap Firming Project	750,000	767,400	22,279,530	-	-	23,796,930
Colorado Big Thompson Water Purchases	300,000	364,880	407,550	566,500	590,570	2,229,500
Trade of Water Rights - 402 Corridor	-	-	-	-	-	-
Subtotal Infrastructure	\$ 1,050,000	\$ 1,132,280	\$ 22,687,080	\$ 566,500	\$ 590,570	\$ 26,026,430
Total	\$ 1,050,000	\$ 1,132,280	\$ 22,687,080	\$ 566,500	\$ 590,570	\$ 26,026,430
Reserve for Future Capital Projects	\$ 23,399,856	\$ 24,287,366	\$ 3,863,666	\$ 5,553,276	\$ 5,676,606	\$ 5,676,606

Ten Year					
2019	2020	2021	2022	2023	Total
\$ 9,912,207	\$ 9,749,356	\$ 2,143,491	\$ 4,745,165	\$ 12,178,305	\$ 19,664,500
4,735,999	5,661,575	6,518,234	7,624,750	7,603,476	40,270,011
2,940,570	3,120,200	3,310,120	3,344,160	3,541,680	27,973,050
207,260	215,410	167,080	231,030	371,520	1,818,750
\$ 17,796,036	\$ 18,746,541	\$ 12,138,925	\$ 15,945,105	\$ 23,694,981	\$ 89,726,311
615,670	1,925,520	3,345,590	3,487,780	3,636,010	18,643,450
180,830	1,099,370	-	-	-	1,342,980
92,350	96,280	100,370	104,630	109,080	910,970
270,670	3,747,940	-	-	-	4,018,610
212,280	1,023,140	-	-	-	1,235,420
3,059,890	192,550	1,104,050	-	-	7,441,440
3,276,370	3,415,620	-	-	-	7,172,270
-	-	-	-	-	433,590
-	256,740	2,676,470	-	-	2,933,210
153,920	160,460	167,280	174,390	181,800	1,568,270
184,700	4,685,430	-	-	-	4,870,130
-	-	-	-	-	453,250
-	-	-	-	401,760	401,760
-	-	-	-	-	104,250
-	-	-	-	-	18,830,380
\$ 8,046,680	\$ 16,603,050	\$ 7,393,760	\$ 3,766,800	\$ 4,328,650	70,359,980
\$ 9,749,356	\$ 2,143,491	\$ 4,745,165	\$ 12,178,305	\$ 19,366,331	\$ 19,366,331

Ten Year					
2019	2020	2021	2022	2023	Total
\$ 5,676,606	\$ 5,798,076	\$ 5,917,246	\$ 6,035,856	\$ 6,166,986	\$ 22,844,906
-	-	-	-	-	4,841,330
460,120	469,220	455,070	463,160	446,980	4,436,510
48,390	49,100	49,780	50,480	51,150	480,650
46,230	46,900	47,550	48,220	48,860	459,180
5,380	5,460	5,540	5,620	5,690	53,430
664,930	-	-	-	-	664,930
177,020	190,330	229,790	261,210	294,660	2,548,940
\$ 7,078,676	\$ 6,559,086	\$ 6,704,976	\$ 6,864,546	\$ 7,014,326	\$ 36,329,876

-	-	-	-	-	23,796,930
615,670	641,840	669,120	697,560	727,200	5,580,890
664,930	-	-	-	-	664,930
\$ 1,280,600	\$ 641,840	\$ 669,120	\$ 697,560	\$ 727,200	30,042,750
\$ 1,280,600	\$ 641,840	\$ 669,120	\$ 697,560	\$ 727,200	\$ 30,042,750
\$ 5,798,076	\$ 5,917,246	\$ 6,035,856	\$ 6,166,986	\$ 6,287,126	\$ 6,287,126

2014-2023 Wastewater Enterprise Capital Program

	2014	2015	2016	2017	2018	Five Year Total
Revenue						
Beginning Balance	\$ 8,776,399	\$ 8,501,830	\$ 7,745,417	\$ 4,233,785	\$ (7,239,365)	\$ 8,776,399
Operating Revenues	2,124,501	2,444,607	3,202,178	3,940,840	5,146,862	16,858,988
SIF Revenues	1,085,000	1,420,760	1,832,460	1,949,210	1,973,530	8,260,960
Reimbursement from General Fund (402 Sewer line)	-	-	-	442,000	-	442,000
Development Reimbursements (402 Sewer line)	-	-	-	107,900	107,900	215,800
Interest on Investments/Income	89,930	119,410	132,960	81,120	-	423,420
Total Revenue	\$ 12,075,830	\$ 12,486,607	\$ 12,913,015	\$ 10,754,855	\$ (11,073)	\$ 34,977,567
Expense						
Infrastructure						
New Laboratory Building	-	-	-	-	-	-
Digestor Projects	397,700	1,258,920	-	-	-	1,656,620
Nutrient Treatment Facilities	-	548,250	1,916,040	3,891,500	-	6,355,790
Gas Conditioning at WWTP	1,000,000	-	-	-	-	1,000,000
Primary Clarifier	-	-	-	-	316,900	316,900
Trickling Filter Demolition	-	-	-	-	54,450	54,450
Digested Sludge Dewatering	-	-	-	-	-	-
Future Digestor	-	417,000	5,216,670	5,438,380	-	11,072,050
East and West Channel Bar Screen Replacement	-	594,230	489,060	-	-	1,083,290
Digestor Building Code Compliance	550,000	-	-	-	-	550,000
Organic Capacity Expansion WWTP	91,300	906,350	323,870	3,713,160	-	5,034,680
Misc. Oversizing and Extension Projects	75,000	78,190	81,510	84,970	88,590	408,260
Fairgrounds/Namaqua Interceptor Rehabilitation	650,000	-	-	-	-	650,000
Boyd Interceptor Projects	-	-	-	107,630	1,411,470	1,519,100
Misc. Sewer Line Rehabilitation Projects	200,000	208,500	217,360	226,600	236,230	1,088,690
Hwy 402 Wastewater Main Extension	-	-	434,720	4,531,980	-	4,966,700
North Horseshoe Lift Station Upgrades	-	-	-	-	141,740	141,740
South side Lift Station Force Main to WWTP	-	-	-	-	248,040	248,040
East side Discharge Trunk to WWTP	-	-	-	-	-	-
Collection System Corrosion Control	300,000	312,750	-	-	-	612,750
East side Lift Station Upgrades	-	-	-	-	-	-
Misc. Wastewater General Plant Projects	310,000	-	-	-	-	310,000
Subtotal Infrastructure	\$ 3,574,000	\$ 4,324,190	\$ 8,679,230	\$ 17,994,220	\$ 2,497,420	\$ 37,069,060
New & Replacement Equipment						
	-	417,000	-	-	-	417,000
Subtotal Equipment	\$ -	\$ 417,000	\$ -	\$ -	\$ -	\$ 417,000
Total	\$ 3,574,000	\$ 4,741,190	\$ 8,679,230	\$ 17,994,220	\$ 2,497,420	\$ 37,486,060
Reserve for Future Capital Projects	\$ 8,501,830	\$ 7,745,417	\$ 4,233,785	\$ (7,239,365)	\$ (2,508,493)	\$ (2,508,493)

2019	2020	2021	2022	2023	Ten Year Total
\$ (2,508,493)	\$ (2,219,475)	\$ 2,995,626	\$ 6,414,636	\$ 14,794,789	\$ 8,776,399
6,049,898	6,681,051	7,594,990	8,257,793	8,737,699	54,180,419
2,095,330	2,223,980	2,359,800	2,386,140	2,527,230	19,853,440
-	-	-	-	-	442,000
107,900	107,900	107,900	107,900	107,900	755,300
-	22,850	114,620	248,470	485,500	1,294,860
\$ 5,744,635	\$ 6,816,306	\$ 13,172,936	\$ 17,414,939	\$ 26,653,118	\$ 85,302,418
-	-	-	248,470	2,850,920	3,099,390
-	-	-	-	-	1,656,620
-	-	-	-	-	6,355,790
-	-	-	-	-	1,000,000
2,710,080	-	-	-	-	3,026,980
610,380	-	-	-	-	664,830
580,210	3,300,780	3,345,790	-	-	7,226,780
-	-	-	-	-	11,072,050
-	-	-	-	-	1,083,290
-	-	-	-	-	550,000
-	-	-	-	-	5,034,680
92,350	96,280	100,370	104,630	109,080	910,970
-	-	-	-	-	650,000
1,354,480	166,880	2,275,000	418,530	-	5,733,990
246,270	256,740	267,650	279,020	290,880	2,429,250
-	-	-	-	-	4,966,700
769,590	-	-	-	-	911,330
1,600,750	-	-	-	-	1,848,790
-	-	-	1,569,500	-	1,569,500
-	-	-	-	-	612,750
-	-	769,490	-	-	769,490
-	-	-	-	-	310,000
\$ 7,964,110	\$ 3,820,680	\$ 6,758,300	\$ 2,620,150	\$ 3,250,880	\$ 61,483,180
-	-	-	-	-	417,000
\$ -	\$ -	\$ -	\$ -	\$ -	417,000
\$ 7,964,110	\$ 3,820,680	\$ 6,758,300	\$ 2,620,150	\$ 3,250,880	\$ 61,900,180
\$ (2,219,475)	\$ 2,995,626	\$ 6,414,636	\$ 14,794,789	\$ 23,402,238	\$ 23,402,238

Museum Expansion

Department:
Cultural Services / Public
Works

Division:
Museum

Project Manager:
Ken Cooper

Phone Number:
970.962.2635

Email:
ken.cooper@
cityofloveland.org

Project Category:
TBD

Project Number:
TBD

Duration:
2016- 2017

**Total Project
Cost:
\$15,520,960**

About the Project

Museum and Facilities Management staff have completed an assessment of exhibit, programming, and collection storage needs. The needs have increased substantially since the recent loss of the Home State Bank for collection storage and classes.

The proposed expansion to the south would approximately double the current space of 27,000 square feet, providing an architecturally and culturally significant venue for Loveland's historic core. The Museum has always been on its current site—integral to downtown and important to Loveland's historic identity and its reputation as an arts community.



Amenities would include: new history and art galleries; Age of Bronze exhibit; children's mini-museum; public plaza/sculpture garden; lobby/reception event space; auditorium; classrooms; pottery and print studios; Fire exhibit; research library; gift shop and rooftop event patio.

With an outside fundraising requirement of \$10 million for the project, construction will not begin until the necessary outside funding has been obtained.

Figures below assume:

10% for design/architecture/engineering; 70% for construction; 7% for furniture/fixtures/equipment; 3% for permits/fees; 10% for contingency

Funding Sources				
Revenue	Gen. Gov. CEF	Cult. Svc. CEF	Outside Revenue	Total
2016	\$0	\$2,328,140	\$0	\$2,328,140
2017	\$2,192,820	\$1,000,000	\$10,000,000	\$13,192,820
Total	\$2,192,820	\$3,328,140	\$10,000,000	\$15,520,960

Project Cost Estimates by Year				
Elements	Planning	Construction	Total	
2016	\$2,328,140	\$0	\$2,328,140	
2017	\$0	\$13,192,820	\$13,192,820	
Total	\$2,328,140	\$13,192,820	\$15,520,960	

Estimated Initial Operations Impact						
	Personnel	Supplies	Purchased Services	Facilities	Total	FTE
2018	\$351,000	\$50,000	\$30,000	\$131,000	\$562,000	6.35
Total	\$351,000	\$50,000	\$30,000	\$131,000	\$562,000	6.35

Fire Station 2

Department:
Loveland Fire Rescue
Authority

Division:
Suppression

Project Manager:

Phone Number:
962-2827

Email:
Randy.Mirwoski
@cityofloveland.org

Project Category:
Construction & Equipment

Project Number:
GF1204

Duration:
2013-2014

About the Project



In 2013,
the new

station construction began for the northwest part of the City. The placement of the old station did not provide adequate service or response to the north and northwest part of the district. The best option for serving the community was to move Station 2 from Taft Avenue to Wilson Avenue and 29th Street and place a second heavy rescue truck company at the Station, increasing coverage to meet a growing service need. The land was purchased in 2012 for \$99,790. The four bay station is expected to be 14,000 sq. ft. (up from 11,885 sq. ft.) with a total development cost is \$3,801,970. The heavy rescue truck and related service equipment was purchased in 2013 for \$666,500.

Total 2014 operations costs include personnel and equipment (uniforms, communications equipment, bunker gear, wild land gear, and self-contained breathing apparatus) for six new firefighters, the promotion of six engineers, and the promotion of three lieutenants for a half of a year, heavy rescue vehicle maintenance and amortization, and additional facilities cost.

Funding Sources

Revenue	Fire CEF	Total
Prior Years	\$3,666,290	\$3,666,290
2014	901,970	901,970
Total	\$4,568,260	\$4,568,260

Project Cost Estimates by Year

Elements	Planning	Capital	Total
Prior Years	\$0	\$3,666,290	\$3,666,290
2014	\$0	901,970	901,970
Total	\$0	\$4,568,260	\$4,568,260

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2014	\$250,244	\$77,126	\$91,100	\$418,470	6.0
Total	\$250,244	\$77,126	\$91,100	\$418,470	6.0

**Total Project
Cost:
\$4,568,260**

Apparatus Replacement

Department:
Loveland Fire Rescue
Authority

Division:
Suppression

Project Manager:
Greg Ward

Phone Number:
970-962-2497

Email:
Greg.Ward@
cityofloveland.org

Project Category:
Equipment

Project Number:
N/A

Duration:
2014 – 2016

**Total Project
Cost:
\$2,717,150**

About the Project

Replacement of existing fire apparatus.

The replacements are as follows:

2014: 2000 Smeal Ladder Truck –
Truck 6



2015: Refurbish the 2000 Smeal Ladder Truck for reserve status

2016: 2004 General Spartan Engine

Replacements starting in 2017 are the responsibility of the Loveland Fire Rescue Authority.

Funding Sources		
Revenue	General Fund	Total
2014	\$1,458,610	\$1,458,610
2015	606,240	606,240
2016	652,300	652,300
Total	\$2,717,150	\$2,717,150

Project Cost Estimates by Year			
Elements	Planning	Capital	Total
2014	\$0	\$1,458,610	\$1,458,610
2015	\$0	606,240	606,240
2016	\$0	652,300	652,300
Total	\$0	\$2,717,150	\$2,717,150

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2017*					
Total					

* Operations costs would be absorbed and are not considered to be substantially more than the equipment that is being replaced.

Construction of a New Fire Station 10 and Apparatus For West Coverage

Department:
Loveland Fire Rescue Authority

Division:
Suppression

Project Manager:
Randy Mirowski

Phone Number:
970.962.2827

Email:
Randy.Mirowski@cityofloveland.org

Project Category:
Construction & Equipment

Project Number:
TBD

Duration:
2018

Total Project Cost:
\$2,605,000

About the Project

There is need for a station on the west side of the service area to improve response times to meet the 5 minute 59 second standard. It is anticipated that this station would be as far west as Glade Road. The calls dispatched would lessen the impact on Station 3 and Station 2 allowing them to be more responsive to the urban response area.



This is anticipated to be a 9,000 square foot station with \$225 per square foot in construction costs and \$580,000 in site development and other costs.

The staffing for this station would include six firefighters (three for the station assignment and three rovers system-wide), three Engineers and three Lieutenants. Since the Engineers and Lieutenants would be promotional positions, twelve Firefighters would be hired, six Engineers would be promoted (three for the station and three to backfill promotions to Lieutenants), and three Lieutenants would be promoted. Operations costs noted below include the costs of equipping firefighters and maintaining the new facility.

Funding Sources			
Revenue	Fire CEF	Rural Contribution	Total
2018	\$1,563,000	\$1,042,000	\$2,605,000
Total	\$1,563,000	\$1,042,000	\$2,605,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2018	\$0	\$2,605,000	\$2,605,000
Total	\$0	\$2,605,000	\$2,605,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2019	\$1,081,700	\$183,210	\$70,290	\$1,335,200	12.0
Total	\$1,081,700	\$183,210	\$70,290	\$1,335,200	12.0

* Rural contribution shown is an estimate subject to future negotiation between the Loveland Fire Rescue Authority partners.

Telephone Switch Replacement

Department: Information
Technology

Division: Telecommunications

Project Manager: Bill
Westbrook

Phone Number: 962-2330

Email: bill.westbrook
@cityofloveland.org

Project Category:
Equipment

Project Number:
TBD

Duration:
2014

**Total Project
Cost:
\$750,000**

About the Project

Replacement of all Rolm/Siemens TDM (time division multiplexing) telephone switches with VOIP (voice over internet protocol) replacements. Switches currently exist at the Civic Center, Fire Administration Building (FAB), Police/Courts, Airport, and Service Center facilities. Avaya VOIP switches presently exist at the Rialto Theater Center (RTC) and at the Civic Center (only to support the RTC). This project will replace all the TDM switches and possibly the existing small VOIP switches, depending on the solution selected. Two major features this technology provides for the City is “follow me call forwarding” and “unified messaging”. The cost includes the equipment as well as installation and training.

The Rolm equipment was purchased in 1987 and has reached its end-of-life.

Funding Sources			
Revenue	General Fund	Enterprise Funds	Total
2014	\$607,310	\$142,690	\$750,000
Total	\$607,310	\$142,690	\$750,000

Project Cost Estimates by Year			
Elements	Planning	Capital	Total
2014	\$150,000	\$600,000	\$750,000
Total	\$150,000	\$600,000	\$750,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2015*					
Total					

*Any impact to operations will be offset by cost savings from switch replacement.

Open Land Acquisition & Restoration

Department:
Parks & Recreation

Division:
Open Lands

Project Manager:
Rob Burdine

Phone Number:
970.962.2728

Email:
Rob.Burdine@
cityofloveland.org

Project Category:
Land

Project Number:
Annual Program

Duration:
2014-2023

**Total Project
Cost:
\$16,907,577**

About the Project

Acquisition of properties to conserve natural sites, wildlife habitat, and open land in and around Loveland. Priorities are indicated in the Open Lands Master Plan.



Funding Sources

Revenue	Open Lands Sales Tax	Open Lands CEF	Total
2014	\$2,095,000	\$276,000	\$2,371,000
2015	\$4,468,100	\$200,000	\$4,668,100
2016	\$2,780,000	\$300,000	\$3,080,000
2017	\$3,183,100	\$440,000	\$3,623,100
2018	\$1,290,377	\$0	\$1,290,377
2019	\$0	\$480,000	\$480,000
2020	\$0	\$430,000	\$430,000
2021	\$0	\$315,000	\$315,000
2022	\$0	\$350,000	\$350,000
2023	\$0	\$300,000	\$300,000
Total	\$13,816,577	\$3,091,000	\$16,907,577

Project Cost Estimates by Year

Elements	Land/Planning	Construction	Total
2014	\$2,137,000	\$234,000	\$2,371,000
2015	\$4,443,100	\$225,000	\$4,668,100
2016	\$2,135,000	\$945,000	\$3,080,000
2017	\$3,371,100	\$252,000	\$3,623,100
2018	\$885,377	\$405,000	\$1,290,377
2019	\$52,500	\$427,500	\$480,000
2020	\$430,000	\$0	\$430,000
2021	\$270,000	\$45,000	\$315,000
2022	\$350,000	\$0	\$350,000
2023	\$300,000	\$0	\$300,000
Total	\$14,374,077	\$2,533,500	\$16,907,577

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2023*					
Total					

*Dependent upon site development

Recreation Trail

Department:
Parks & Recreation

Division:
Trails

Project Manager:
Janet Meisel-Burns

Phone Number:
970.962.2451

Email:
Janet.Meisel-Burns@
cityofloveland.org

Project Category:
Construction

Project Number:
Annual Program

Duration:
2014-2021

**Total Project
Cost:
\$2,981,940**

About the Project

Complete the remaining 4 miles of the City's recreation trail loop. Trail connections are underway in the northern part of town with critical links remaining in the west and southwest parts of town. Also includes parts of State Trails segments in north Loveland.



Funding Sources			
Revenue	Conservation Trust Fund	Trail CEF	Total
2014	\$100,330	\$200,000	\$300,330
2015	\$211,730	\$50,000	\$261,730
2016	\$616,910	\$114,460	\$731,370
2017	\$113,280	\$475,230	\$588,510
2021	\$0	\$1,100,000	\$1,100,000
Total	\$1,042,250	\$1,939,690	\$2,981,940

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2014	\$33,000	\$267,330	\$300,330
2015	\$47,785	\$213,945	\$261,730
2016	\$171,460	\$559,910	\$731,370
2017	\$20,610	\$567,900	\$588,510
2021	\$0	\$1,100,000	\$1,100,000
Total	\$272,855	\$2,709,085	\$2,981,940

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2022*					
Total					

*No additional operating funding expected at this time.

Golf Course Projects

Department:
Parks & Recreation

Division:
Golf

Project Manager:
Steve Southard

Phone Number:
970.962.2454

Email:
steve.southard@
cityofloveland.org

Project Category:
Improvements/Construction

Project Number:
TBD

Duration:
2014-2023

**Total Project
Cost:
\$8,672,140**

About the Project

Planned projects at Loveland's golf courses, subject to cashflows, in the Golf Fund. Identified projects include replacement of equipment, golf course improvements, Mariana Butte Dry Creek, parking lots, bunker, tees, and putting green improvements,



Olde Course maintenance building and clubhouse.

Funding Sources		
Revenue	Golf Fund	Total
2014	\$988,390	\$988,390
2015	\$962,840	\$962,840
2016	\$949,990	\$949,990
2017	\$764,610	\$764,610
2018	\$559,030	\$559,030
2019	\$261,370	\$261,370
2020	\$195,520	\$195,520
2021	\$358,930	\$358,930
2022	\$669,240	\$669,240
2023	\$2,962,220	\$2,962,220
Total	\$8,672,140	\$8,672,140

Project Cost Estimates by Year

Elements	Planning	Construction	Total
2014	\$0	\$988,390	\$988,390
2015	\$0	\$962,840	\$962,840
2016	\$0	\$949,990	\$949,990
2017	\$0	\$764,610	\$764,610
2018	\$0	\$559,030	\$559,030
2019	\$0	\$261,370	\$261,370
2020	\$0	\$195,520	\$195,520
2021	\$150,000	\$208,930	\$358,930
2022	\$0	\$669,240	\$669,240
2023	\$0	\$2,962,220	\$2,962,220
Total	\$150,000	\$8,522,140	\$8,672,140

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operations impact unknown at this time.

Fairgrounds Park Expansion

Department:
Parks & Recreation

Division:
Parks

Project Manager:
Gary Havener

Phone Number:
970.962.2456

Email:
Gary.Havener@
cityofloveland.org

Project Category:
TBD

Project Number:
TBD

Duration:
2014-2019

Total Project Cost:
\$1,410,000

About the Project

Development of areas at Fairgrounds Park that were not completed with initial park construction in 2008. Scope of work to include ballfield lighting (replace lighting on Barnes Softball Complex Fields 1-4), site amenities and infrastructure to develop arena area.



An additional \$5,000 per year is anticipated in arena event revenue.

Funding Sources			
Revenue	General Fund	Parks CEF	Total
2014	\$610,000	\$0	\$610,000
2018	\$0	\$550,000	\$550,000
2019	\$0	\$250,000	\$250,000
Total	\$610,000	\$800,000	\$1,410,000

Project Cost Estimates by Year			
Elements	Planning	Construction/Equipment	Total
2014	\$0	\$610,000	\$610,000
2018	\$0	\$550,000	\$550,000
2019	\$0	\$250,000	\$250,000
Total	\$0	\$1,410,000	\$1,410,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2019	\$20,870	\$5,660	\$3,280	\$29,810	
Total	\$20,870	\$5,660	\$3,280	\$29,810	

Loveland Sports Park

Department:
Parks & Recreation

Division:
Parks

Project Manager:
Gary Havener

Phone Number:
970.962.2456

Email:
Gary.Havener@
cityofloveland.org

Project Category:
TBD

Project Number:
TBD

Duration:
2015-2016

**Total Project
Cost:
\$3,283,760**

About the Project

Phase II development of the east side (21 acres) of the Loveland Sports Park to include additional multi-purpose sports fields, a restroom, shelters (2), parking areas, and site amenities.

An additional \$21,000 in new revenues is anticipated from site reservations and additional tournaments and league play.



Funding Sources		
Revenue	Parks CEF	Total
2015	\$550,000	\$550,000
2016	\$2,733,760	\$2,733,760
Total	\$3,283,760	\$3,283,760

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2015	\$340,000	\$210,000	\$550,000
2016	\$0	\$2,733,760	\$2,733,760
Total	\$340,000	\$2,943,760	\$3,283,760

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2017	\$78,680	\$21,360	\$12,360	\$112,400	1.61
Total	\$78,680	\$21,360	\$12,360	\$112,400	1.61

Park Renovations Projects

Department:
Parks & Recreation

Division:
Park

Project Manager:
Gary Havener

Phone Number:
970.962.2456

Email:
Gary.Havener@
cityofloveland.org

Project Category:
Construction

Project Number:
Annual Program

Duration:
2014-2023

**Total Project
Cost:
\$1,605,000**

About the Project

Renovation of neighborhood parks to improve safety and address use issues. Projects include shelters and restroom renovations to the infrastructure of these facilities.



Funding Sources		
Revenue	Parks Improvement Fund	Total
2014	\$205,000	\$205,000
2015	\$200,000	\$200,000
2016	\$200,000	\$200,000
2017	\$200,000	\$200,000
2018	\$200,000	\$200,000
2020	\$200,000	\$200,000
2021	\$200,000	\$200,000
2023	\$200,000	\$200,000
Total	\$1,605,000	\$1,605,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2014	\$22,000	\$183,000	\$205,000
2015	\$20,000	\$180,000	\$200,000
2016	\$20,000	\$180,000	\$200,000
2017	\$20,000	\$180,000	\$200,000
2018	\$20,000	\$180,000	\$200,000
2020	\$20,000	\$180,000	\$200,000
2021	\$20,000	\$180,000	\$200,000
2023	\$20,000	\$180,000	\$200,000
Total	\$162,000	\$1,443,000	\$1,605,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operations impact negligible- any additional cost to be absorbed into existing operational budget

New Neighborhood Parks

Department:
Parks & Recreation

Division:
Park

Project Manager:
Larry Callihan

Phone Number:
970.962.2547

Email:
Larry.Callihan@
cityofloveland.org

Project Category:
Construction

Project Number:
TBD

Duration:
2014-2018

**Total Project
Cost:
\$1,900,000**

About the Project

New neighborhood park acquisition, land, and development in areas identified in the Master Plan that are currently not served with a park.



Funding Sources		
Revenue	Parks CEF	Total
2014	\$300,000	\$300,000
2015	\$400,000	\$400,000
2017	\$600,000	\$600,000
2018	\$600,000	\$600,000
Total	\$1,900,000	\$1,900,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2014	\$150,000	\$150,000	\$300,000
2015		\$400,000	\$400,000
2017	\$325,000	\$275,000	\$600,000
2018		\$600,000	\$600,000
Total	\$475,000	\$1,425,000	1,900,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016	\$10,000	\$2,000	\$500	\$12,500	
2019	\$20,000	\$4,000	\$1,000	\$25,000	
Total	\$30,000	\$6,000	\$1,500	\$37,500	

Kroh Park

Department:
Parks & Recreation

Division:
Parks

Project Manager:
Larry Callihan

Phone Number:
970.962.2547

Email:
Larry.Callihan@
cityofloveland.org

Project Category:
Construction

Project Number:
TBD

Duration:
2020-2021

**Total Project
Cost:
\$2,200,000**

About the Project

This project is a two phase expansion of Kroh Park.



This project will include the development of the lower portion (12 acres) of Kroh Park off of Monroe Avenue. Site development may include: multi-use fields, volleyball area, a picnic shelter, restroom, and off-street parking or other facilities and activities.

Funding Sources

Revenue	Parks CEF	Total
2020	\$470,000	\$470,000
2021	\$1,730,000	\$1,730,000
Total	\$2,200,000	\$2,200,000

Project Cost Estimates by Year

Elements	Planning	Construction	Total
2020	\$470,000	\$0	\$470,000
2021	\$0	\$1,730,000	\$1,730,000
Total	\$470,000	\$1,730,000	\$2,200,000

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2022*	\$18,000	\$6,000	\$6,000	\$30,000	
Total	\$18,000	\$6,000	\$6,000	\$30,000	

*Operations impact unknown at this time.

Junior Achievement Park

Department:
Parks & Recreation

Division:
Parks

Project Manager:
Larry Callihan

Phone Number:
970.962.2547

Email:
Larry.Callihan@
cityofloveland.org

Project Category:
Construction

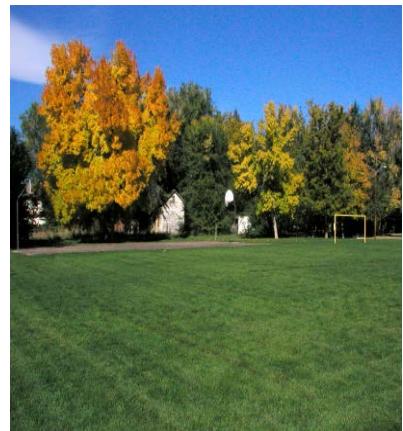
Project Number:
TBD

Duration:
2019

**Total Project
Cost:
\$750,000**

About the Project

Project scope includes acquisition of land adjacent to the property (0.84 acres west of existing park) and expansion of the existing site (1.5 acres south of existing park) across the Arkins Branch. Potential improvements include demolition of the structures on the property, a new playground, basketball court, limited off-street parking, and renovation of the existing ball field.



Funding Sources			
Revenue	Parks Improvement	Parks CEF	Total
2019	\$500,000	\$250,000	\$750,000
Total	\$500,000	\$250,000	\$750,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2019	\$100,000	\$650,000	\$750,000
Total	\$100,000	\$650,000	\$750,000

Estimated Initial Operations Impact						
	Personnel	Supplies	Purchased Services		Total	FTE
2020*						
Total						

*Operations impact unknown at this time.

North Lake Park

Department:
Parks & Recreation

Division:
Parks

Project Manager:
Larry Callihan

Phone Number:
970.962.2547

Email:
Larry.Callihan@
cityofloveland.org

Project Category:
Construction

Project Number:
TBD

Duration:
2018

**Total Project
Cost:
\$375,000**

About the Project

Improvements to the maintenance facility at North Lake Park, additional picnic shelter, road improvements, 60 car parking spaces, and landscaping improvements.

An additional \$3,000 in new revenue is anticipated from fees.



Funding Sources		
	General Fund	Total
2018	\$375,000	\$375,000
Total	\$375,000	\$375,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2018	\$45,000	\$330,000	\$375,000
Total	\$45,000	\$330,000	\$375,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2019*					
Total					

*Operations impact negligible-any additional cost to be absorbed into existing operational budget

Miniature Train Replacement at North Lake Park

Department:
Parks & Recreation

Division:
Parks

Project Manager:
Larry Callihan

Phone Number:
970.962.2547

Email:
Larry.Callihan@
cityofloveland.org

Project Category:
Construction

Project Number:
TBD

Duration:
2017

**Total Project
Cost:
\$100,000**

About the Project

The project includes renovation of the train engine under-carriage (brakes, hydraulics, diesel engine with modern drive train) and replacement of the cars utilizing funds from fees collected by the Lions club & transferred to the City for the train lease agreement.



Funding Sources		
Revenue	Parks Improvement	Total
2017	\$100,000	\$100,000
Total	\$100,000	\$100,000

Project Cost Estimates by Year		
Elements	Equipment	Total
2017	\$100,000	\$100,000
Total	\$100,000	\$100,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2018*					
Total					

*Operations impact negligible-any additional cost to be absorbed into existing operational budget

Cemetery Maintenance Shop

Department:
Parks & Recreation

Division:
Parks

Project Manager:
Larry Callihan

Phone Number:
970.962.2547

Email:
Larry.Callihan@
cityofloveland.org

Project Category:
Construction

Project Number:
TBD

Duration:
2017

**Total Project
Cost:
\$497,000**

About the Project

The Cemetery Shop (1,893 SFT.) was constructed in 1968 and serves as an office area/public meeting place (sales and burial arrangements) and maintenance shop. The 45-year old structure is in need of significant upgrades/repairs to meet ADA requirements and to meet public office/maintenance shop needs. Plans



include demolition and removal of the maintenance shop from the site and conversion of the building footprint to traditional burial lots for sale to the public. Construction of a new 2,200 SFT building will occur near the cul-de-sac west of the existing shop. Estimate includes state permits, mitigation, building demolition/disposal, site grade work, irrigation, and landscaping.

Funding Sources		
Revenue	General Fund	Total
2017	\$497,000	\$497,000
Total	\$497,000	\$497,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2017	\$57,000	\$440,000	\$497,000
Total	\$57,000	\$440,000	\$497,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2018*					
Total					

*Operations impact negligible-any additional cost to be absorbed into existing operational budget

Spray Park

Department:
Parks & Recreation

Division:
Recreation

Project Manager:
Keven Aggers

Phone Number:
970.962.2449

Email:
keven.aggers@
cityofloveland.org

Project Category:
Construction

Project Number:
TBD

Duration:
2016

**Total Project
Cost:
\$3,000,000**

About the Project

This project would include the addition of a spray/splash park facility in Loveland. There is a continued demand for outdoor aquatics amenities as Winona Pool is at capacity on many summer days.



Funding Sources		
Revenue	Recreation CEF	Total
2016	\$3,000,000	\$3,000,000
Total	\$3,000,000	\$3,000,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2016	\$300,000	\$2,700,000	\$3,000,000
Total	\$300,000	\$2,700,000	\$3,000,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2017	\$14,000	\$1,500	\$700	\$16,200	
Total	\$14,000	\$1,500	\$700	\$16,200	

New Recreation Center

Department:
Parks & Recreation

Division:
Recreation

Project Manager:
Keven Aggers

Phone Number:
970.962.2449

Email:
keven.aggers@
cityofloveland.org

Project Category:
Construction

Project Number:
TBD

Duration:
2014-To be determined

**Total Project
Cost:
\$50,000**

About the Project

Phase I includes a needs Feasibility study for a possible future recreation center. The Parks and Recreation Master Plan calls for a second recreation center to meet the current standard.

Funding Sources				
Revenue	Recreation CEF	General Fund	Total	
2014	\$50,000	\$0	\$50,000	
Total	\$50,000	\$0	\$50,000	
Project Cost Estimates by Year				
Elements	Planning	Construction	Total	
2014	\$50,000	\$0	\$50,000	
Total	\$50,000	\$0	\$50,000	
Estimated Initial Operations Impact				
	Personnel	Supplies	Purchased Services	Total
TBD*				
Total				

*No operations Impact results from the feasibility study. Operating impacts are expected to result from construction of a recreation center should one be built in the future.

Police Records Management System

Department:
Police

Division:
Information Services

Project Manager:
Bob Klinger

Phone Number:
970.962.2223

Email:
bob.klinger@cityofloveland.org

Project Category:
Information Technology

Project Number:
TBD

Duration:
2014

Total Project Cost:
\$3,000,000

About the Project

Replace the current Records Management System and Automated Field Reporting System (RMS/AFR). Project will include the design, implementation, data transfer, and training necessary.



The current RMS/AFR is 16 years old and is nearing its end of life cycle. All other RMS/AFR systems regionally have been replaced at least once if not more in that time frame.

Funding Sources		
Revenue	General Fund	Total
2014	\$3,000,000	\$3,000,000
Total	\$3,000,000	\$3,000,000

Project Cost Estimates by Year			
Elements	Planning	Systems/Consulting	Total
2014	\$0	\$3,000,000	\$3,000,000
Total	\$0	\$3,000,000	\$3,000,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2015*					
Total					

* No additional operating impacts are expected from this project.

Police Training Facility

Department:
Police

Division:
Administration

Project Manager:
Ken Cooper

Phone Number:
970.962.2635

Email:
ken.cooper@
cityofloveland.org

Project Category:
Construction

Project Number:
TBD

Duration:
2016-2019

**Total Project
Cost:
\$18,100,000**

About the Project

Construction of a police training facility to include a firing range, driving track, and classrooms. At final build-out, the facility will incorporate approximately 60,000 sq. ft.



The project is expected to be built in three phases with the firing range to be followed by the driving track and then the classroom space.

Funding Sources			
Revenue	General Fund	Police CEF	Total
2016	\$0	\$1,810,000	\$1,810,000
2017	\$5,400,000	\$4,600,000	\$10,000,000
2018	\$2,745,000	\$400,000	\$3,145,000
2019	\$2,745,000	\$400,000	\$3,145,000
Total	\$10,890,000	\$7,210,000	\$18,100,000

Project Cost Estimates by Year			
Elements	Planning	Capital	Total
2016	\$1,810,000	\$0	\$1,810,000
2017	\$0	\$10,000,000	\$10,000,000
2018	\$0	\$3,145,000	\$3,145,000
2019	\$0	\$3,145,000	\$3,145,000
Total	\$1,810,000	\$16,290,000	\$18,100,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2020*					
Total					

* Operations impact is unknown at this time

Downtown Infrastructure

Department:
TBD

Division:
TBD

Project Manager:
TBD

Phone Number:
TBD

Email:
TBD

Project Category:
Annual Program

Project Number:
TBD

Duration:
2014-2017

**Total Project
Cost:
\$3,600,000**

About the Project

This is a placeholder implementation of elements within an approved Downtown Master Plan. The numbers shown and the timing shown are subject to change as City Council completes their deliberation.



Funding Sources		
Revenue	General Fund Council Reserves	Total
2014	\$1,000,000	\$1,000,000
2015	\$1,000,000	\$1,000,000
2016	\$1,000,000	\$1,000,000
2017	\$600,000	\$600,000
Total	\$3,600,000	\$3,600,000

Project Cost Estimates by Year			
Elements	Planning	Capital	Total
2014	\$0	\$1,000,000	\$1,000,000
2015	\$0	\$1,000,000	\$1,000,000
2016	\$0	\$1,000,000	\$1,000,000
2017	\$0	\$600,000	\$600,000
Total	\$0	\$3,600,000	\$3,600,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2018*					
Total					

*Information not available.

Facilities Management Capital Projects

Department:
Public Works

Division:
Facilities Management

Project Manager:
Ken Cooper

Phone Number:
970.962.2635

Email:
ken.cooper@
cityofloveland.org

Project Category:
Annual Program

Project Number:
TBD

Duration:
2014-2023

Total Project Cost:
\$6,184,200

About the Project

An annual program to address major building maintenance needs. The Program includes replacement of major building systems, roof replacement, and carpet replacement. The annual funding begins at \$500,000 in 2013 and grows with anticipated inflation. Projects are prioritized to remain within the allocation.



Funding Sources		
Revenue	General Fund	Total
2014	\$517,500	\$517,500
2015	\$535,610	\$535,610
2016	\$554,360	\$554,360
2017	\$687,040	\$687,040
2018	\$593,840	\$593,840
2019	\$614,620	\$614,620
2020	\$636,130	\$636,130
2021	\$658,390	\$658,390
2022	\$681,430	\$681,430
2023	\$705,280	\$705,280
Total	\$6,184,200	\$6,184,200

Project Cost Estimates by Year			
Elements	Planning	Capital	Total
2014	\$0	\$517,500	\$517,500
2015	\$0	\$535,610	\$535,610
2016	\$0	\$554,360	\$554,360
2017	\$0	\$687,040	\$687,040
2018	\$0	\$593,840	\$593,840
2019	\$0	\$614,620	\$614,620
2020	\$0	\$636,130	\$636,130
2021	\$0	\$658,390	\$658,390
2022	\$0	\$681,430	\$681,430
2023	\$0	\$705,280	\$705,280
Total	\$0	\$6,184,200	\$6,184,200

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*No operations impact is expected as a result of this project.

Maintenance Operations Center Remodel

Department:
Public Works

Division:
Facilities Management

Project Manager:
Ken Cooper

Phone Number:
970.962.2635

Email:
ken.cooper@
cityofloveland.org

Project Category:
TBD

Project Number:
TBD

Duration:
2015

**Total Project
Cost:
\$635,730**

About the Project

When the Streets, Solid Waste, and Stormwater divisions move from the Maintenance Operations Center (MOC) to the completed Service Center Expansion in 2014, it will allow significant changes to the MOC to better service the Traffic and Facilities Management (FM) divisions. COLT will also move its operations from the FAB to the MOC. FM expects to program and design the space internally, so there will be limited design/architecture/engineering costs. One major change to the building that these project costs do not include is the creation of a full-scale Traffic Operations Center. Traffic worked with FM in 2011 on this project and the costs to create this TOC were kept separate from the specific remodel costs needed and shown below.



The figures below assume...

- 5% for design/architecture/engineering
- 75% for construction
- 7% for furniture/fixtures/equipment
- 3% for permits/fees
- 10% for contingency

Funding Sources		
Revenue	General Fund	Total
2015	\$635,730	\$635,730
Total	\$635,730	\$635,730

Project Cost Estimates by Year			
Elements	Planning	Equipment	Total
2015	\$28,300	\$607,430	\$635,730
Total	\$28,300	\$607,430	\$635,730

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016*					
Total					

*Information not available.

Street Rehabilitation

Department:
Public Works

Division:
Project Engineering

Project Manager:
Dave DeBaere

Phone Number:
970-962-2510

Email:
Dave.DeBaere@cityofloveland.org

Project Category:
Street Resurfacing

Project Number:
ENSR09

Duration:
2014-2023

**Total Project
Cost:
\$49,524,860**

About the Project

The City budgets for annual street maintenance costs. Projects consist of street resurfacing, major reconstruction, concrete rehabilitation, and cul-de-sac repairs. Funding for the Program is from the Transportation Fee charged to residential and commercial buildings and General Fund resources. This Program significantly extends the life of City streets; improving the ride-ability and reducing the reconstruction costs of existing streets.



Funding Sources			
Revenue	Highway Users Tax Fund (HUTF)	Transportation Fee	Total
2014	\$1,728,030	\$2,592,050	\$4,320,080
2015	\$1,779,880	\$2,669,800	\$4,449,680
2016	\$1,833,270	\$2,749,900	\$4,583,170
2017	\$1,888,270	\$2,832,400	\$4,720,670
2018	\$1,944,910	\$2,917,380	\$4,862,290
2019	\$2,003,270	\$3,004,890	\$5,008,160
2020	\$2,063,360	\$3,095,040	\$5,158,400
2021	\$2,125,260	\$3,187,890	\$5,313,150
2022	\$2,189,010	\$3,283,530	\$5,472,540
2023	\$2,254,680	\$3,382,040	\$5,636,720
Total	\$19,809,940	\$29,714,920	\$49,524,860

Project Cost Estimates by Year			
Elements	Planning	Capital	Total
2014	\$40,000	\$4,280,000	\$4,320,000
2015	\$20,000	\$4,429,680	\$4,449,680
2016	\$45,000	\$4,538,170	\$4,583,170
2017	\$20,000	\$4,700,670	\$4,720,670
2018	\$50,000	\$4,812,290	\$4,862,290
2019	\$20,000	\$4,988,160	\$5,008,160
2020	\$40,000	\$5,118,400	\$5,158,400
2021	\$20,000	\$5,293,150	\$5,313,150
2022	\$45,000	\$5,427,540	\$5,472,540
2023	\$20,000	\$5,616,720	\$5,636,720
Total	\$320,000	\$49,204,780	\$49,524,780

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operations impact negligible

Street Rehabilitation:

Street Resurfacing

Department:
Public Works

Division:
Project Engineering

Project Manager:
Dave DeBaere

Phone Number:
970-962-2510

Email:
Dave.DeBaere@cityofloveland.org

Project Category:
Street Resurfacing

Project Number:
NA

Duration:
2014-2023

Total Project Cost:

\$34,770,400

About the Project

Description: Provide planning and implementation for street surface repairs. Includes asphalt overlays, hot-in-place recycling of pavements, chip and seal projects, occasional spot repairs or safety improvements, support for Traffic Engineering for street maintenance projects, asphaltic concrete and crack sealing materials for use by Street Maintenance.



Funding Sources			
Revenue	HUTF	Transportation Fee	Total
2014	\$1,105,790	\$1,658,690	\$2,764,480
2015	\$1,344,300	\$2,016,440	\$3,360,740
2016	\$1,136,080	\$1,704,120	\$2,840,200
2017	\$1,429,180	\$2,143,770	\$3,572,950
2018	\$1,207,630	\$1,811,450	\$3,019,080
2019	\$1,531,480	\$2,297,210	\$3,828,690
2020	\$1,372,760	\$2,059,130	\$3,431,890
2021	\$1,631,510	\$2,447,270	\$4,078,780
2022	\$1,419,790	\$2,129,690	\$3,549,480
2023	\$1,729,640	\$2,594,470	\$4,324,110
Total	\$13,908,160	\$20,862,240	\$34,770,400

Project Cost Estimates by Year

Elements	Planning	Capital	Total
2014	\$20,000	\$2,744,480	\$2,764,480
2015	\$20,000	\$3,340,740	\$3,360,740
2016	\$20,000	\$2,820,200	\$2,840,200
2017	\$20,000	\$3,552,950	\$3,572,950
2018	\$20,000	\$2,999,080	\$3,019,080
2019	\$20,000	\$3,808,690	\$3,828,690
2020	\$20,000	\$3,411,890	\$3,431,890
2021	\$20,000	\$4,058,780	\$4,078,780
2022	\$20,000	\$3,529,480	\$3,549,480
2023	\$20,000	\$4,304,110	\$4,324,110
Total	\$200,000	\$34,570,400	\$34,770,400

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operations impact negligible

Street Rehabilitation: Street Reconstruction

Department:
Public Works

Division:
Project Engineering

Project Manager:
Dave DeBaere

Phone Number:
970-962-2510

Email:
Dave.DeBaere@cityofloveland.org

Project Category:
Heavy Street Maintenance

Project Number:
NA

Duration:
2014-2023

Total Project Cost: \$3,000,000

About the Project

Description: Reconstruction of streets that have deteriorated to the point that routine street maintenance is not an economical alternative.



Funding Sources			
Revenue	HUTF	Transportation Fee	Total
2014	\$200,000	\$300,000	\$500,000
2016	\$260,000	\$390,000	\$650,000
2018	\$280,000	\$420,000	\$700,000
2020	\$200,000	\$300,000	\$500,000
2022	\$260,000	\$390,000	\$650,000
Total	\$1,200,000	\$1,800,000	\$3,000,000

Project Cost Estimates by Year			
Elements	Planning	Capital	Total
2014	\$20,000	\$480,000	\$500,000
2016	\$25,000	\$625,000	\$650,000
2018	\$30,000	\$670,000	\$700,000
2020	\$20,000	\$480,000	\$500,000
2022	\$25,000	\$625,000	\$650,000
Total	\$120,000	\$2,880,000	\$3,000,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operations impact negligible

Street Rehabilitation:

Concrete Rehabilitation

Department:
Public Works

Division:
Project Engineering

Project Manager:
Dave DeBaere

Phone Number:
970-962-2510

Email:
Dave.DeBaere@cityofloveland.org

Project Category:
Concrete
Rehabilitation/Repairs

Project Number:
NA

Duration:
2014-2023

Total Project Cost: **\$9,094,460**

About the Project

Description: Concrete curb and gutter and attached sidewalk repairs in areas targeted for street pavement maintenance, repair of intersection cross-pan drains, sidewalk repair cost sharing with property owners, miscellaneous repair of curb and gutter and sidewalk city-wide, replacement of intersection ramps not currently meeting ADA requirements.



Funding Sources			
Revenue	HUTF	Transportation Fee	Total
2014	\$318,240	\$477,360	\$795,600
2015	\$327,580	\$491,360	\$818,940
2016	\$337,190	\$505,780	\$842,970
2017	\$347,090	\$520,630	\$867,720
2018	\$357,280	\$535,930	\$893,210
2019	\$367,790	\$551,680	\$919,470
2020	\$378,600	\$567,910	\$946,510
2021	\$389,750	\$584,620	\$974,370
2022	\$401,220	\$601,840	\$1,003,060
2023	\$413,040	\$619,570	\$1,032,610
Total	\$3,637,780	\$5,456,680	\$9,094,460

Project Cost Estimates by Year			
Elements	Planning	Capital	Total
2014	\$0	\$795,600	\$795,600
2015	\$0	\$818,940	\$818,940
2016	\$0	\$842,970	\$842,970
2017	\$0	\$867,720	\$867,720
2018	\$0	\$893,210	\$893,210
2019	\$0	\$919,470	\$919,470
2020	\$0	\$946,510	\$946,510
2021	\$0	\$974,370	\$974,370
2022	\$0	\$1,003,060	\$1,003,060
2023	\$0	\$1,032,610	\$1,032,610
Total	\$0	\$9,094,460	\$9,094,460

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operations impact negligible

Street Rehabilitation:

Cul-de-Sac Repair

Department:
Public Works

Division:
Project Engineering

Project Manager:
Dave DeBaere

Phone Number:
970-962-2510

Email:
Dave.DeBaere@cityofloveland.org

Project Category:
Cul de Sac Pavement
Maintenance

Project Number:
NA

Duration:
2014-2023

Total Project Cost: \$2,660,000

About the Project

Description: Repair of cul-de-sacs at the terminus of streets scheduled for other pavement maintenance activities. Normal chip and seal or other surface maintenance operations are not durable in cul-de-sacs. A separate contract is used to upgrade these features. Based on repair of 14-16 cul-de-sacs, annually.

Funding Sources			
Revenue	HUTF	Transportation Fee	Total
2014	\$104,000	\$156,000	\$260,000
2015	\$108,000	\$162,000	\$270,000
2016	\$100,000	\$150,000	\$250,000
2017	\$112,000	\$168,000	\$280,000
2018	\$100,000	\$150,000	\$250,000
2019	\$104,000	\$156,000	\$260,000
2020	\$112,000	\$168,000	\$280,000
2021	\$104,000	\$156,000	\$260,000
2022	\$108,000	\$162,000	\$270,000
2023	\$112,000	\$168,000	\$280,000
Total	\$1,064,000	\$1,596,000	\$2,660,000

Project Cost Estimates by Year			
Elements	Planning	Capital	Total
2014	\$0	\$260,000	\$260,000
2015	\$0	\$270,000	\$270,000
2016	\$0	\$250,000	\$250,000
2017	\$0	\$280,000	\$280,000
2018	\$0	\$250,000	\$250,000
2019	\$0	\$260,000	\$260,000
2020	\$0	\$280,000	\$280,000
2021	\$0	\$260,000	\$260,000
2022	\$0	\$270,000	\$270,000
2023	\$0	\$280,000	\$280,000
Total	\$0	\$2,660,000	\$2,660,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operations impact negligible

South Loveland Outfall Phase 3

Department:
Public Works

Division:
Stormwater Engineering

Project Managers:
Kevin Gingery and Eric
Lessard

Phone Number:
970.962.2771 & 2773

Email:
Kevin.Gingery@
cityofloveland.org
Eric.Lessard@
cityofloveland.org

Project Category:
Capital Program & SIF

Project Number:
SW0902

Duration:
2014 - 2020

**Total Project
Cost:
\$8,253,200**

About the Project

Phase 3 of a 3 phase project to reduce flooding problems within the residential neighborhood located between 14th Street SW and 23rd Street SW, and from Colorado Avenue to Taft Avenue. This project includes the installation of an underground storm drainage system.

Funding Sources		
Revenue	Enterprise	Total
Prior Years	\$313,200	\$313,200
2014	\$300,000	\$300,000
2015	\$85,000	\$85,000
2017	\$1,060,000	\$1,060,000
2018	\$465,000	\$465,000
2020	\$6,030,000	\$6,030,000
Total	\$8,253,200	\$8,253,200

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
Prior Years	\$313,200	\$0	\$313,200
2014	\$300,000	\$0	\$300,000
2015	\$85,000	\$0	\$85,000
2017	\$0	\$1,060,000	\$1,060,000
2018	\$465,000	\$0	\$465,000
2020	\$0	\$6,030,000	\$6,030,000
Total	\$1,163,200	\$7,090,000	\$8,253,200

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2021*					
Total					

* Operations impact negligible.

Madison Ave. Outfall (Outlet Redirection)

Department:

Public Works

Division:

Stormwater Engineering

Project Manager:

Chris Carlson

Phone Number:

970.962.2774

Email:

Chris.Carlson@
cityofloveland.org

Project Category:

Capital Program

Project Number:

TBD

Duration:

2015

Total Project Cost: \$600,000

About the Project

A project to replace a failing storm drainage outfall into the Big Thompson River. This project will include the installation of a new non-erosive outfall route into the Big Thompson River along with Stormwater quality treatment for the tributary basin.

Funding Sources		
Revenue	Enterprise	Total
2015	\$600,000	\$600,000
Total	\$600,000	\$600,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2015	\$0	\$600,000	\$600,000
Total	\$0	\$600,000	\$600,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016*					
Total					

* Operations impact negligible.

Silver Lake Improvements

Department:
Public Works

Division:
Stormwater Engineering

Project Manager:
TBD

Phone Number:
TBD

Email:
TBD

Project Category:
Capital Program

Project Number:
TBD

Duration:
2015 – 2018

**Total Project
Cost:
\$1,030,000**

About the Project

A project to reduce flooding problems along Highway 287 and along 23rd Street. This project includes the installation of an underground storm drainage system.

Funding Sources		
Revenue	Enterprise	Total
2015	\$100,000	\$100,000
2018	\$930,000	\$930,000
Total	\$1,030,000	\$1,030,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2015	\$100,000	\$0	\$100,000
2018	\$0	\$930,000	\$930,000
Total	\$100,000	\$930,000	\$1,030,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2019*					
Total					

* Operations impact negligible

Maintenance/ Asset Mgmt. Projects

Department:

Public Works

Division:

Stormwater Engineering

Project Manager:

Eric Lessard

Phone Number:

970.962.2773

Email:

Eric.Lessard@
cityofloveland.org

Project Category:

Capital Program

Project Number:

N/A

Duration:

2014 - 2023

**Total Project
Cost:
\$5,750,000**

About the Project

An annual program to address deteriorating storm drainage infrastructure within the City. This program includes the replacement of inlets, manholes, storm sewers, channel re-grading, detention pond retrofits, and Stormwater quality enhancements. The annual funding is set at \$475,000 per year except in 2016 when it will be set at \$975,000 for one year. Projects are prioritized to remain within the allocation.

An additional \$75,000 per year is included for survey and geotechnical services.

Funding Sources

Revenue	Enterprise	Total
2014	\$525,000	\$525,000
2015	\$525,000	\$525,000
2016	\$1,025,000	\$1,025,000
2017	\$525,000	\$525,000
2018	\$525,000	\$525,000
2019	\$525,000	\$525,000
2020	\$525,000	\$525,000
2021	\$525,000	\$525,000
2022	\$525,000	\$525,000
2023	\$525,000	\$525,000
Total	\$5,750,000	\$5,750,000

Project Cost Estimates by Year

Elements	Planning	Construction	Total
2014	\$0	\$525,000	\$525,000
2015	\$0	\$525,000	\$525,000
2016	\$0	\$1,025,000	\$1,025,000
2017	\$0	\$525,000	\$525,000
2018	\$0	\$525,000	\$525,000
2019	\$0	\$525,000	\$525,000
2020	\$0	\$525,000	\$525,000
2021	\$0	\$525,000	\$525,000
2022	\$0	\$525,000	\$525,000
2023	\$0	\$525,000	\$525,000
Total	\$0	\$5,750,000	\$5,750,000

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

* Operations impact negligible

Airport Basin Master Plan Improvements

Department:
Public Works

Division:
Stormwater Engineering

Project Manager:
Chris Carlson

Phone Number:
970.962.2774

Email:
Chris.Carlson@
cityofloveland.org

Project Category:
SIF

Project Number:
SW0808

Duration:
2014

Total Project Cost: **\$1,382,390**

About the Project

A project to construct an underground storm drainage conduit for the regional detention pond outlet. The regional detention pond is located within the Fort Collins-Loveland Airport. The detention pond outlet conduit is being completed in accordance with the Airport Basin Drainage Master Plan.

Funding Sources

Revenue	Enterprise	Total
Prior Years	\$82,390	\$82,390
2014	\$1,300,000	\$1,300,000
Total	\$1,382,390	\$1,382,390

Project Cost Estimates by Year

Elements	Planning	Construction	Total
Prior Years	\$82,390	\$0	\$82,390
2014	\$0	\$1,300,000	\$1,300,000
Total	\$82,390	\$1,300,000	\$1,382,390

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2015*					
Total					

* Operations impact negligible

Boyd Lake Outlet Ditch Improvements

Department:

Public Works

Division:

Stormwater Engineering

Project Manager:

Kevin Gingery

Phone Number:

970.962.2771

Email:

Kevin.Gingery@
cityofloveland.org

Project Category:

SIF

Project Number:

SW0711

Duration:

2015 – 2021

**Total Project
Cost:
\$2,401,590**

About the Project

A project to mitigate existing erosion problems within the Boyd Lake Outlet Ditch between Eisenhower Blvd. and 5th Street, directly east of Kohl's. We jointly utilize this irrigation return flow ditch to convey storm water runoff to the Big Thompson River. In accordance with the 1984 agreement between the City and the Greeley & Loveland Irrigation Company, we are required to make necessary improvements to the ditch in order to convey storm water to the river.

Funding Sources		
Revenue	Enterprise	Total
Prior Years	\$201,590	\$201,590
2015	\$200,000	\$200,000
2017	\$500,000	\$500,000
2019	\$750,000	\$750,000
2021	\$750,000	\$750,000
Total	\$2,401,590	\$2,401,590

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
Prior	\$201,590	\$0	\$201,590
2015	\$200,000	\$0	\$200,000
2017	\$0	\$500,000	\$500,000
2019	\$0	\$750,000	\$750,000
2021	\$0	\$750,000	\$750,000
Total	\$401,590	\$2,000,000	\$2,401,590

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2022*					
Total					

* Operations impact negligible

New Equipment and Replacement

Department:
Public Works

Division:
Stormwater Engineering

Project Manager:
Mick Mercer

Phone Number:
970.962.2530

Email:
Mick.Mercer@
cityofloveland.org

Project Category:
NA

Project Number:
NA

Duration:
2014 - 2022

Total Project Cost:
\$4,958,400

About the Project

Project provides funding to replace and acquire street sweepers, trucks and other equipment necessary for maintenance operations.

Funding Sources		
Revenue	Enterprise	Total
2014	\$560,000	\$560,000
2015	\$648,000	\$648,000
2016	\$488,400	\$488,400
2017	\$349,500	\$349,500
2018	\$475,000	\$475,000
2019	\$377,500	\$377,500
2020	\$1,059,000	\$1,059,000
2021	\$619,000	\$619,000
2022	\$382,000	\$382,000
Total	\$4,958,400	\$4,958,400

Project Cost Estimates by Year			
Elements	Planning	Equipment	Total
2014	\$0	\$560,000	\$560,000
2015	\$0	\$648,000	\$648,000
2016	\$0	\$488,400	\$488,400
2017	\$0	\$349,500	\$349,500
2018	\$0	\$475,000	\$475,000
2019	\$0	\$377,500	\$377,500
2020	\$0	\$1,059,000	\$1,059,000
2021	\$0	\$619,000	\$619,000
2022	\$0	\$382,000	\$382,000
Total	\$0	\$4,958,400	\$4,958,400

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2017	\$80,000	\$1,000	\$20,000	\$101,000	1
2021	\$92,000	\$1,000	\$20,000	\$113,000	1
Total	\$172,000	\$2,000	\$40,000	\$214,000	2

Garfield & Harrison Outfall

Department:
Public Works

Division:
Stormwater Engineering

Project Managers:
TBD

Phone Number:
TBD

Email:
TBD

Project Category:
Capital Program

Project Number:
TBD

Duration:
2019 - 2023

**Total Project
Cost:
\$11,650,000**

About the Project

A project to reduce flooding problems within the residential neighborhood located between Garfield Avenue, Taft Avenue, 1st Street, and Eisenhower Boulevard. This project includes the installation of an underground storm drainage system which will outlet into the Big Thompson River.

Funding Sources		
Revenue	Enterprise	Total
2019	\$650,000	\$650,000
2021	\$5,300,000	\$5,300,000
2023	\$5,700,000	\$5,700,000
Total	\$11,650,000	\$11,650,000

Project Cost Estimates by Year			
Element s	Planning	Construction	Total
2019	\$650,000	\$0	\$650,000
2021	\$0	\$5,300,000	\$5,300,000
2023	\$0	\$5,700,000	\$5,700,000
Total	\$650,000	\$11,000,000	\$11,650,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2021	\$125,000	\$1,000	\$20,000	\$146,000	1
Total	\$125,000	\$1,000	\$20,000	\$146,000	1

* Operations impact negligible

South Rist Benson Lake Outfall

Department:
Public Works

Division:
Stormwater Engineering

Project Manager:
TBD

Phone Number:
TBD

Email:
TBD

Project Category:
Capital Program

Project Number:
TBD

Duration:
2021 - 2022

Total Project Cost: **\$1,640,000**

About the Project

A project to reduce flooding problems within the residential neighborhood located between Eisenhower Boulevard, the Big Barnes Ditch, Wilson Avenue, and Namaqua Avenue. This project includes the installation of an underground storm drainage system which will outlet into the Big Thompson River.

Funding Sources		
Revenue	Enterprise	Total
2021	\$140,000	\$140,000
2022	\$1,500,000	\$1,500,000
Total	\$1,640,000	\$1,640,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2021	\$140,000	\$0	\$140,000
2022	\$0	\$1,500,000	\$1,500,000
Total	\$140,000	\$1,500,000	\$1,640,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2023*					
Total					

* Operations impact negligible

16th Street Storm Sewer System

Department:
Public Works

Division:
Stormwater Engineering

Project Manager:
TBD

Phone Number:
TBD

Email:
TBD

Project Category:
Capital Program

Project Number:
TBD

Duration:
2021 – 2022

Total Project Cost:
\$885,000

About the Project

A project to reduce flooding problems within the residential neighborhood located between Eisenhower Boulevard, 16th Street, Boise Avenue, and Cheyenne Avenue. This project includes the installation of an underground storm drainage system which will outlet into the Greeley & Loveland irrigation canal.

Funding Sources		
Revenue	Enterprise	Total
2021	\$85,000	\$85,000
2022	\$800,000	\$800,000
Total	\$885,000	\$885,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2021	\$85,000	\$0	\$85,000
2022	\$0	\$800,000	\$800,000
Total	\$85,000	\$800,000	\$885,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2023*					
Total					

* Operations impact negligible

Wilson & Eisenhower Improvements

Department:

Public Works

Division:

Stormwater Engineering

Project Manager:

TBD

Phone Number:

TBD

Email:

TBD

Project Category:

Capital Program

Project Number:

TBD

Duration:

2023 - TBD

Total Project Cost:
\$450,000

About the Project

A project to reduce flooding problems along Wilson Avenue between Eisenhower Boulevard and 17th Street. This project includes the installation of an underground storm drainage system which will outlet into the Big Thompson River.

Costs shown reflect project design only as construction is scheduled outside of the ten year capital program window.

Funding Sources		
Revenue	Enterprise	Total
2023	\$450,000	\$450,000
Total	\$450,000	\$450,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2023	\$450,000	\$0	\$450,000
Total	\$450,000	\$0	\$450,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
TBD*					
Total					

* Operations impact negligible

29th & Sheridan Improvements

Department:
Public Works

Division:
Stormwater Engineering

Project Manager:
TBD

Phone Number:
TBD

Email:
TBD

Project Category:
Capital Program

Project Number:
TBD

Duration:
2023 - TBD

Total Project Cost:
\$40,000

About the Project

A project to reduce flooding problems at 29th Street and Sheridan Avenue. This project includes the installation of an underground storm drainage system which will outlet into the Lake Loveland Outlet Channel.

Costs shown reflect project design only as construction is scheduled outside of the ten year capital program window.

Funding Sources		
Revenue	Enterprise	Total
2023	\$40,000	\$40,000
Total	\$40,000	\$40,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2023	\$40,000	\$0	\$40,000
Total	\$40,000	\$0	\$40,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
TBD*					
Total					

* Operations impact negligible

Baretta Drive Improvements

Department:
Public Works

Division:
Stormwater Engineering

Project Manager:
TBD

Phone Number:
TBD

Email:
TBD

Project Category:
Capital Program

Project Number:
TBD

Duration:
2023 – TBD

**Total Project
Cost:
\$70,000**

About the Project

A project to reduce flooding problems at Baretta Drive and Boxelder Drive. This project includes the installation of an underground storm drainage system which will outlet into Woodmere Park.

Costs shown reflect project design only as construction is scheduled outside of the ten year capital program window.

Funding Sources		
Revenue	Enterprise	Total
2023	\$70,000	\$70,000
Total	\$70,000	\$70,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2023	\$70,000	\$0	\$70,000
Total	\$70,000	\$0	\$70,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
TBD*					
Total					

* Operations impact negligible

2014- 2023 Transportation Program

The City of Loveland 2035 Transportation Plan (2035 Plan), adopted by City Council in December 2012, states that “a well-balanced, well-maintained transportation system is critical for sustaining Loveland’s high quality of life.” The purpose of the 2035 Plan is to “provide a document that guides transportation decision making toward a future desirable to the community of Loveland.” The 2035 Plan looks at all modes of transportation – bike, pedestrian, transit and vehicular – and includes recommendations, policies and strategies related to that purpose.

The funding for the projects included in the City of Loveland 2035 Plan comes from five (5) primary sources:

1. Capital Expansion Fees for Streets (Street CEF's): The portion of the additional street infrastructure that can be attributed to growth within Loveland (new trips that have origins or destinations or both within Loveland).
2. Collector Street Equivalents: Development is required to fund up to the cost for a collector street equivalent for the portion of streets within and adjacent to their property.
3. Other: Primarily Federal and State Grants administered through the North Front Range MPO.
4. Centerra Metro District Funds: As part of the MFA, a portion of the street infrastructure included in the 2035 Plan will be constructed by the Centerra Metro Districts.
5. General Fund: The General Fund pays for portions of projects that will accommodate existing traffic, collector street equivalents for properties adjacent to City owned properties, and traffic that passes through Loveland (referred to as E to E or External to External Traffic). Basically, the General Fund covers costs that cannot be attributed to growth within Loveland (CEF's), the collector street equivalent, or funding from others, including Centerra.

Each project included in the 2035 Plan is evaluated to determine the appropriate proportion from each of the above funding sources. In order for a project to move forward (a project is defined as overall or a specific phase), each funding source has to be whole.

Project prioritization is based on the criteria included in the 2035 Plan. The basis for the prioritization is an objective analysis of seven categories, weighted for importance. Those categories are: System Continuity, Congestion Mitigation; Safety Enhancements; Multi-Modal Enhancement; Implement-ability (ability to construct); Environmental Impact; Cost/Benefit; and Regional Significance (does it help regionally). The prioritization is centered on current needs and is looked at bi-annually.

In some cases, portions of a large project have a higher prioritization rating than other portions or the overall project. Our experience has been that Project Phasing is the key to addressing this issue. In the past, larger portions of projects were completed at one time by both the City and Developers. The current Transportation CIP includes a revised approach of addressing projects in smaller, “bite-size” pieces. Historically, this approach has not been a requirement of Development Projects, resulting in large projects being constructed that do not rate highly when compared to other projects. The result has been the build-up of significant reimbursement obligations. Consideration should be given to providing this information during the development process in order to steer phasing.

The City of Loveland’s Transportation Capital Program (TCP) is the programming of projects in order to implement the 2035 Plan. The development of the TCP includes consideration of three primary areas of projects:

1. Projects designed and constructed by the City.
2. Projects designed and constructed by Developers that are eligible for full or partial reimbursement as they were included in the 2035 Plan and necessary to meet the traffic needs of the specific development.

3. Planning projects for the future as well as opportunities to secure right-of-way or roadway corridors that avoid creating situations where properties have to be demolished for planned improvements, such as the Taft Avenue Project. (For example: Transportation Plan Updates; planning for future roadway corridors, including right-of-way acquisitions (A recent example is the Boyd Lake Extension from 5th Street to SH 60.)

Within the primary areas for projects are specific subareas or project groupings that are included in the overall TCP, and evaluated each year as part of the update of the 10 year TCP. These include:

1. Annual On-Going Projects: These projects include additional bike lane signing and striping, additional sidewalks and pedestrian facilities, unanticipated right-of-way opportunities (not associated with a project currently programmed), Traffic Signal System Interconnects, Upgrades to the City's Traffic Signal Control System, Transportation Plan Updates, School Zone Flasher additions, and Miscellaneous Bridge Repairs (as identified in the 2030 Plan).
2. Development Reimbursement Projects: Reimbursement to developers of their eligible costs for construction on certain projects (e.g. oversizing agreements).
3. Capital Projects with anticipated funding of less than \$500,000 per each over the next 10 years.
4. Individual Projects with funding over \$500,000 each over the next 10 years.
5. Capital Reserves: The Funding from specific sources that is either held in to cover an unanticipated shortfall in revenue (Street CEF's) or Funding that has been designated from a specific source but is not able to be utilized, as there is inadequate funding from other areas to keep the proportionate shares (General Fund).

Another part of the 2035 Plan and the City's overall transportation efforts is related to maintenance – taking care of the existing infrastructure investment. From an infrastructure perspective, protecting the existing investment is a very high priority, even higher than building additional infrastructure. As reported to City Council in 2008, the long-term funding needs for this program have identified a gap in the City's ability to keep up with the existing needs, even without adding anything new. A portion of that gap was addressed in the 2013 budget process. The detailed transportation maintenance plan (10 Year Street Rehabilitation Plan) is included in other parts of the CIP.

In the end, it is our opinion that it is more important to address maintenance than congestion but to not ignore the latter. It is anticipated that congestion levels will continue to grow as traffic growth outpaces revenue, but that specific congestion points (i.e. intersections) will be addressed with individual development projects. Until funding levels increase, specifically in the Street CEF area, this pattern will continue. As a result, we will see an increase in the amount of reimbursements owed developers until building permits, specifically commercial and office, increase. This is similar to the cycles we have seen in the past. However, focusing on phasing should help keep this from spiraling out of control, but only to a certain extent as developers' proposals significantly influence the true dynamic of this item.

Transportation Program:

Annual On-Going Projects

Department:
Public Works

Division:
Project Engineering

Project Manager:
Dave Klockeman

Phone Number:
970.962.2514

Email:
klockd@ci.loveland.co.us

Project Category:
Annual Program

Project Number:
NA

Duration:
2014-2023

**Total Project
Cost:
\$8,590,000**

About the Project

Bike Route Signing and Striping - \$290,000
Bike Lane/Sidewalk Construction - \$1,000,000
Misc. Right-of-Way Acquisition - \$1,250,000
Small Capital Projects - \$1,650,000
Miscellaneous Repairs - \$2,250,000
Transportation Master Plan Update - \$50,000
Loveland ITS Upgrade (Traffic) - \$500,000
Signal System Interconnect (Traffic) - \$600,000
School Flasher Units (Traffic) - \$200,000
Bridge Repairs - \$800,000

Funding Sources				
Revenue	General Fund	Streets CEF	Other	Total
2014	\$376,000	\$654,000	\$0	\$1,030,000
2015	\$426,000	\$754,000	\$0	\$1,180,000
2016	\$261,000	\$339,000	\$0	\$600,000
2017	\$261,000	\$339,000	\$0	\$600,000
2018	\$261,000	\$339,000	\$0	\$600,000
2019	\$261,000	\$339,000	\$0	\$600,000
2020	\$261,000	\$339,000	\$0	\$600,000
2021	\$261,000	\$339,000	\$0	\$600,000
2022	\$368,500	\$396,500	\$0	\$765,000
2023	\$483,500	\$931,500	\$600,000	\$2,015,000
Total	\$3,220,000	\$4,770,000	\$600,000	\$8,590,000

Project Cost Estimates by Year

Elements	Planning	Construction	Total
2014	\$85,000	\$945,000	\$1,030,000
2015	\$100,000	\$1,080,000	\$1,180,000
2016	\$55,000	\$545,000	\$600,000
2017	\$55,000	\$545,000	\$600,000
2018	\$55,000	\$545,000	\$600,000
2019	\$55,000	\$545,000	\$600,000
2020	\$55,000	\$545,000	\$600,000
2021	\$55,000	\$545,000	\$600,000
2022	\$135,000	\$630,000	\$765,000
2023	\$200,000	\$1,815,000	\$2,015,000
Total	\$850,000	\$7,740,000	\$8,590,000

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operations impact negligible.

Note: Detailed project information available through the Public Works Department

Transportation Program:

Developer Reimbursement Projects

Department:

Public Works

Division:

Project Engineering

Project Manager:

Dave Klockeman

Phone Number:

970.962.2514

Email:

klockd@ci.loveland.co.us

Project Category:

Annual Program

Project Number:

NA

Duration:

2014-2023

**Total Project
Cost:
\$3,188,400**

About the Project

N Taft Ave (43rd to 57th St) - \$114,400
SH 402 (US 287 to St. Louis) - \$300,000
Fairgrounds Ave (Crossroads to 71st) - \$45,000
43rd St (Wilson to Cascade) - \$450,000
Crossroads Blvd (I-25 to Centerra Pkwy) - \$538,000
US 34/Sculptor Intersection - \$600,000
Sculptor Dr (US 34 to Mtn. Lion) - \$300,000
US 34/Mtn. Lion Intersection - \$118,000
Taft/14th St SW Intersection - \$409,000
US 34/Mtn. View Intersection - \$314,000

Funding Sources			
Revenue	General Fund	Streets CEF	Total
2014	\$61,600	\$296,400	\$358,000
2015	\$30,000	\$288,000	\$318,000
2016	\$30,000	\$170,000	\$200,000
2017	\$27,600	\$260,400	\$288,000
2018	\$10,000	\$290,000	\$300,000
2019	\$36,000	\$294,000	\$330,000
2020	\$26,000	\$418,000	\$444,000
2021	\$29,800	\$419,200	\$449,000
2022	\$10,000	\$191,400	\$201,400
2023	\$50,000	\$250,000	\$300,000
Total	\$311,000	\$2,877,400	\$3,188,400

Project Cost Estimates by Year

Elements	Planning	Construction	Total
2014	\$61,600	\$296,400	\$358,000
2015	\$30,000	\$288,000	\$318,000
2016	\$30,000	\$170,000	\$200,000
2017	\$27,600	\$260,400	\$288,000
2018	\$10,000	\$290,000	\$300,000
2019	\$36,000	\$294,000	\$330,000
2020	\$26,000	\$418,000	\$444,000
2021	\$29,800	\$419,200	\$449,000
2022	\$10,000	\$191,400	\$201,400
2023	\$50,000	\$250,000	\$300,000
Total	\$311,000	\$2,877,400	\$3,188,400

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operations impact negligible.

Note: Detailed project information available through Public Works Department Project Engineering Division. All construction costs shown are engineering estimates until projects are bid.

Transportation

Program:

Individual Capital Projects
Under \$500,000

Department:

Public Works

Division:

Project Engineering

Project Manager:

Dave Klockeman

Phone Number:

970.962.2514

Email:

klockd@ci.loveland.co.us

Project Category:

Annual Program

Project Number:

NA

Duration:

2014-2015

**Total Project
Cost:
\$610,000**

About the Project

Garfield Ave. (1st St. to Railroad) - \$110,000

Boyd Lake Ave. at GLIC Bridge - \$400,000

14th St SW Slope Stability - \$100,000



Funding Sources				
Revenue	General Fund	Streets CEF	Other	Total
2014	\$133,500	\$106,500	\$120,000	\$360,000
2015	\$10,000	\$40,000	\$200,000	\$250,000
Total	\$143,500	\$146,500	\$320,000	\$610,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2014	\$70,000	\$290,000	\$360,000
2015	\$50,000	\$200,000	\$250,000
Total	\$120,000	\$490,000	\$610,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016*					
Total					

*Operations impact negligible.

Note: Detailed project information available through Public Works Department Project Engineering Division. All construction costs shown are engineering estimates until projects are bid.

Transportation Program:

Taft Avenue Phase 2 – Gard Place to Westshore

Department:
Public Works

Division:
Project Engineering

Project Manager:
Dave Klockeman

Phone Number:
970.962.2514

Email:
klockd@ci.loveland.co.us

Project Category:
Annual Program

Project Number:
NA

Duration:
2014-2018

**Total Project
Cost:
\$925,000**

About the Project

The overall Phase II improvements will consist of widening Taft Avenue to include left and right turn lanes as needed, bicycle lanes, curbs, gutters, medians and sidewalks. The bridge at the Big Barnes Ditch will also be widened. The Taft Avenue / Eisenhower Boulevard intersection will be reconstructed with concrete pavement to decrease maintenance costs. A new traffic signal at the Taft/Eisenhower intersection will be constructed with the project. Additionally, storm sewer improvements will be made along the project limits. Through 2022, the right-of-way acquisition will be completed and portions of the project constructed, including the bridge at the Big Barnes Ditch and removal of existing houses. The remainder of the project will be constructed in additional phases as funding becomes available.



Taft Avenue South of US 34

Funding Sources			
Revenue	General Fund	Streets CEF	Total
2014	\$10,000	\$40,000	\$50,000
2016	\$80,000	\$320,000	\$400,000
2017	\$15,000	\$60,000	\$75,000
2018	\$80,000	\$320,000	\$400,000
Total	\$185,000	\$740,000	\$925,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2014	\$50,000	\$0	\$50,000
2016	\$0	\$400,000	\$400,000
2017	\$0	\$75,000	\$75,000
2018	\$0	\$400,000	\$400,000
Total	\$50,000	\$875,000	\$925,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2019*					
Total					

*Operations impact negligible.

Note: Detailed project information available through Public Works Department Project Engineering Division. All construction costs shown are engineering estimates until projects are bid.

Transportation

Program:

Boise Avenue – Mt. Columbia to 37th

Department:
Public Works

Division:
Project Engineering

Project Manager:
Dave Klockeman

Phone Number:
970.962.2514

Email:
klockd@ci.loveland.co.us

Project Category:
Annual Program

Project Number:
NA

Duration:
2014-2023

**Total Project
Cost:
\$2,620,000**

About the Project

The Boise Avenue – Mt. Columbia to 37th Street project includes the extension of Boise Avenue north from Mt. Columbia to connect to LCR 11C in the SE corner of Horseshoe Lake, including the construction of a roundabout at the Boise Avenue / 37th Street Intersection. The initial work includes completion the design and construction of portions of the roadway improvements. The remainder of the project will be constructed in additional phases as funding becomes available.



Funding Sources			
Revenue	General Fund	Streets CEF	Total
2014	\$70,000	\$280,000	\$350,000
2015	\$58,000	\$232,000	\$290,000
2016	\$18,000	\$72,000	\$90,000
2017	\$60,000	\$240,000	\$300,000
2019	\$60,000	\$240,000	\$300,000
2020	\$46,000	\$184,000	\$230,000
2021	\$62,000	\$248,000	\$310,000
2022	\$50,000	\$200,000	\$250,000
2023	\$100,000	\$400,000	\$500,000
Total	\$524,000		\$2,096,000
			\$2,620,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2014	\$35,000	\$315,000	\$350,000
2015	\$30,000	\$260,000	\$290,000
2016	\$0	\$90,000	\$90,000
2017	\$0	\$300,000	\$300,000
2019	\$0	\$300,000	\$300,000
2020	\$0	\$230,000	\$230,000
2021	\$0	\$310,000	\$310,000
2022	\$0	\$250,000	\$250,000
2023	\$0	\$500,000	\$500,000
Total	\$65,000	\$2,555,000	\$2,620,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operations impact negligible.

Note: Detailed project information available through Public Works Department Project Engineering Division. All construction costs shown are engineering estimates until projects are bid.

Transportation

Program:

Madison Avenue Improvements – Silver Leaf to 29th Street

Department:
Public Works

Division:
Project Engineering

Project Manager:
Dave Klockeman

Phone Number:
970.962.2514

Email:
klockd@ci.loveland.co.us

Project Category:
Annual Program

Project Number:
NA

Duration:
2019-2023

**Total Project
Cost:
\$1,160,000**

About the Project

The Madison Avenue Improvements Project includes the widening of Madison Avenue from Silver Leaf to 29th and improvements to the Madison Avenue / 29th Street Intersection. The phases of the project are design, right-of-way acquisition, and construction. This route is a major feed from northwest Loveland to US 34, east to I-25 and other locations. The initial phase will be the completion of the design. The second phase will be ROW acquisition. Upon completion of the ROW acquisition, the project will be constructed in phases as funding becomes available.



Funding Sources			
Revenue	General Fund	Streets CEF	Total
2019	\$32,000	\$128,000	\$160,000
2020	\$40,000	\$160,000	\$200,000
2021	\$60,000	\$240,000	\$300,000
2022	\$60,000	\$240,000	\$300,000
2023	\$60,000	\$140,000	\$200,000
Total	\$252,000	\$908,000	\$1,160,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2019	\$160,000	\$0	\$160,000
2020	\$200,000	\$0	\$200,000
2021	\$300,000	\$0	\$300,000
2022	\$0	\$300,000	\$300,000
2023	\$0	\$200,000	\$200,000
Total	\$660,000	\$500,000	\$1,160,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operations impact negligible.

Note: Detailed project information available through Public Works Department Project Engineering Division. All construction costs shown are engineering estimates until projects are bid.

Hydro Generation

Department:
Water & Power

Division:
Power

Project Manager:
Larry Howard

Phone Number:
970.962-3703

Email:
Larry.Howard@cityofloveland.org

Project Category:
Construction

Project Numbers:
PW900 & PW910

Duration:
2014-2016

**Total Project
Cost:
\$6,445,930**

About the Project

These projects consist of a FERC Hydro relicensing process, costs to study the feasibility of either decommissioning or rebuilding the hydro plant and costs associated with the work required to either decommission or rebuild the plant.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2014	3,025,000	\$0	\$3,025,000
2015	3,260,250	\$0	\$3,260,250
2016	160,680	\$0	\$160,680
Total	\$6,445,930	\$0	\$6,445,930

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2014	\$150,000	\$2,875,000	\$3,025,000
2015	\$155,250	\$3,105,000	\$3,260,250
2016	\$160,680	\$0	\$160,680
Total	\$465,930	\$5,980,000	\$6,445,930

System Improvements

Department:
Water & Power

Division:
Power

Project Manager:
Russel Jentges

Phone Number:
970.962.3557

Email:
Russel.Jentges@cityofloveland.org

Project Category:
Construction

Project Numbers:
PW901-PW909 &
PW913-PW913A

Duration:
2014-2023

**Total Project
Cost:
\$13,442,690**

About the Project

These projects will be done to improve the reliability of the electric system in order to provide dependable service to City of Loveland customers.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2014	\$1,376,070	\$0	\$1,376,070
2015	\$1,058,270	\$0	\$1,058,270
2016	\$1,148,160	\$0	\$1,148,160
2017	\$987,270	\$0	\$987,270
2018	\$1,354,630	\$0	\$1,354,630
2019	\$1,402,020	\$0	\$1,402,020
2020	\$1,451,100	\$0	\$1,451,100
2021	\$1,501,880	\$0	\$1,501,880
2022	\$1,554,430	\$0	\$1,554,430
2023	\$1,608,860	\$0	\$1,608,860
Total	\$13,442,690	\$0	\$13,442,690

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2014	\$68,800	\$1,307,270	\$1,376,070
2015	\$52,910	\$1,005,360	\$1,058,270
2016	\$57,410	\$1,090,750	\$1,148,160
2017	\$49,360	\$937,910	\$987,270
2018	\$67,730	\$1,286,900	\$1,354,630
2019	\$70,100	\$1,331,920	\$1,402,020
2020	\$72,560	\$1,378,540	\$1,451,100
2021	\$75,090	\$1,426,790	\$1,501,880
2022	\$77,720	\$1,476,710	\$1,554,430
2023	\$80,440	\$1,528,420	\$1,608,860
Total	\$672,120	\$12,770,570	\$13,442,690

Customer Aid-To-Construction

Department:
Water & Power

Division:
Power

Project Manager:
Kathleen Porter

Phone Number:
970.962.3561

Email:
Kathleen.Porter@cityofloveland.org

Project Category:
Construction

Project Number:
PW912-various work orders

Duration:
2014-2023

Total Project Cost:
\$10,737,840

About the Project

These projects are initiated by developer(s) for new construction, upgrades, relocating, removing, or undergrounding of existing electrical facilities.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2014	\$750,000	\$0	\$750,000
2015	\$776,260	\$0	\$776,260
2016	\$1,017,660	\$0	\$1,017,660
2017	\$1,053,290	\$0	\$1,053,290
2018	\$1,090,140	\$0	\$1,090,140
2019	\$1,128,300	\$0	\$1,128,300
2020	\$1,167,800	\$0	\$1,167,800
2021	\$1,208,670	\$0	\$1,208,670
2022	\$1,250,970	\$0	\$1,250,970
2023	\$1,294,750	\$0	\$1,294,750
Total	\$10,737,840	\$0	\$10,737,840

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2014	\$37,500	\$712,500	\$750,000
2015	\$38,810	\$737,450	\$776,260
2016	\$50,880	\$966,780	\$1,017,660
2017	\$52,660	\$1,000,630	\$1,053,290
2018	\$54,510	\$1,035,630	\$1,090,140
2019	\$56,410	\$1,071,890	\$1,128,300
2020	\$58,390	\$1,109,410	\$1,167,800
2021	\$60,430	\$1,148,240	\$1,208,670
2022	\$62,550	\$1,188,420	\$1,250,970
2023	\$64,740	\$1,230,010	\$1,294,750
Total	\$536,880	\$10,200,960	\$10,737,840

Miscellaneous Feeder Extensions

Department:
Water & Power

Division:
Power

Project Manager:
Kathleen Porter

Phone Number:
970.962.3561

Email:
Kathleen.Porter@cityofloveland.org

Project Category:
Construction

Project Numbers:
PW913A & PW921A

Duration:
2014-2023

**Total Project
Cost:
\$5,025,140**

About the Project

These projects are 200 and 600 amp extensions of existing electrical facilities across property currently being developed.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2014	\$150,000	\$75,000	\$225,000
2015	\$155,240	\$77,630	\$232,870
2016	\$214,240	\$107,120	\$321,360
2017	\$277,170	\$138,590	\$415,760
2018	\$344,250	\$172,130	\$516,380
2019	\$356,300	\$207,850	\$564,150
2020	\$368,770	\$245,850	\$614,620
2021	\$381,680	\$245,420	\$627,100
2022	\$395,040	\$329,200	\$724,240
2023	\$408,860	\$374,800	\$783,660
Total	\$3,051,550	\$1,973,590	\$5,025,140

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2014	\$11,250	\$213,750	\$225,000
2015	\$11,640	\$221,230	\$232,870
2016	\$16,070	\$305,290	\$321,360
2017	\$20,790	\$394,970	\$415,760
2018	\$25,820	\$490,560	\$516,380
2019	\$28,210	\$535,940	\$564,150
2020	\$30,730	\$583,890	\$614,620
2021	\$31,350	\$595,750	\$627,100
2022	\$36,210	\$688,030	\$724,240
2023	\$39,180	\$744,480	\$783,660
Total	\$251,250	\$4,773,890	\$5,025,140

Smaller 200 Amp Projects

Department:
Water & Power

Division:
Power

Project Manager:
Garth Silvernale

Phone Number:
970.962.3580

Email:
Garth.Silvernale@cityofloveland.org

Project Category:
Construction

Work Order Number:
PW913-various work orders

Duration:
2014-2023

**Total Project
Cost:
\$1,466,410**

About the Project

These projects are related to minor upgrades to our overhead and underground distribution system where we have identified the need to change out utility poles, add or upgrade transformers, increase conductor/wire size, replace open wire pole to pole feeds and split electrical service loads to correct low voltage concerns and/or improve system reliability.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2014	\$125,000	\$0	\$125,000
2015	\$129,370	\$0	\$129,370
2016	\$133,900	\$0	\$133,900
2017	\$138,590	\$0	\$138,590
2018	\$143,440	\$0	\$143,440
2019	\$148,460	\$0	\$148,460
2020	\$153,660	\$0	\$153,660
2021	\$159,030	\$0	\$159,030
2022	\$164,600	\$0	\$164,600
2023	\$170,360	\$0	\$170,360
Total	\$1,466,410	\$0	\$1,466,410

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2014	\$6,250	\$118,750	\$125,000
2015	\$6,470	\$122,900	\$129,370
2016	\$6,690	\$127,210	\$133,900
2017	\$6,930	\$131,660	\$138,590
2018	\$7,170	\$136,270	\$143,440
2019	\$7,420	\$141,040	\$148,460
2020	\$7,680	\$145,980	\$153,660
2021	\$7,950	\$151,080	\$159,030
2022	\$8,230	\$156,370	\$164,600
2023	\$8,520	\$161,840	\$170,360
Total	\$73,310	\$1,393,100	\$1,466,410

Miscellaneous Electric Relocations Road Related Projects

Department:
Water & Power

Division:
Power

Project Manager:
Kathleen Porter

Phone Number:
970.962.3561

Email:
Kathleen.Porter@cityofloveland.org

Project Category:
Construction

Project Number:
PW913

Duration:
2014-2023

**Total Project
Cost:
\$3,409,870**

About the Project

These projects will be driven by the Streets Division. The budget will allow us to relocate or underground our electric facilities to accommodate those changes made by the Streets Division.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2014	\$210,000	\$0	\$210,000
2015	\$619,700	\$0	\$619,700
2016	\$214,240	\$0	\$214,240
2017	\$221,740	\$0	\$221,740
2018	\$229,500	\$0	\$229,500
2019	\$237,540	\$0	\$237,540
2020	\$245,850	\$0	\$245,850
2021	\$254,460	\$0	\$254,460
2022	\$263,360	\$0	\$263,360
2023	\$913,480	\$0	\$913,480
Total	\$3,409,870	\$0	\$3,409,870

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2014	\$10,500	\$199,500	\$210,000
2015	\$30,980	\$588,720	\$619,700
2016	\$10,710	\$203,530	\$214,240
2017	\$11,090	\$210,650	\$221,740
2018	\$11,470	\$218,030	\$229,500
2019	\$11,880	\$225,660	\$237,540
2020	\$12,290	\$233,560	\$245,850
2021	\$12,720	\$241,740	\$254,460
2022	\$13,170	\$250,190	\$263,360
2023	\$45,670	\$867,810	\$913,480
Total	\$170,480	\$3,239,390	\$3,409,870

Substation Security

Department:
Water & Power

Division:
Power

Project Manager:
Russel Jentges

Phone Number:
970.962.3557

Email:
Russel.Jentges@cityofloveland.org

Project Category:
Construction

Project Number:
PW911

Duration:
2014-2017

Total Project Cost:
\$842,990

About the Project

These projects will replace the fencing around the City owned substations. The intent is to increase the security of the substations and enhance the look of the substations.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2014	\$200,000	\$0	\$200,000
2015	\$207,000	\$0	\$207,000
2016	\$214,250	\$0	\$214,250
2017	\$221,740	\$0	\$221,740
Total	\$842,990	\$0	\$842,990

Elements	Planning	Construction	Total
2014	\$0	\$200,000	\$200,000
2015	\$0	\$207,000	\$207,000
2016	\$0	\$214,250	\$214,250
2017	\$0	\$221,740	\$221,740
Total	\$0	\$842,990	\$842,990

Replace H1 Transformer at Horseshoe Substation

Department:
Water & Power

Division:
Power

Project Manager:
Russel Jentges

Phone Number:
970.962.3557

Email:
Russel.Jentges@cityofloveland.org

Project Category:
Construction

Work Order Number:
PW911

Duration:
2014

**Total Project
Cost:
\$750,000**

About the Project

This project is for the purchase and installation of a new substation transformer to replace transformer H1 at Horseshoe Substation. This transformer is 33 years old and has reached the end of its useful life.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2014	\$750,000	\$0	\$750,000
Total	\$750,000	\$0	\$750,000

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2014	\$37,500	\$712,500	\$750,000
Total	\$37,500	\$712,500	\$750,000

Replace W1 Transformer at West Substation

Department:
Water & Power

Division:
Power

Project Manager:
Russel Jentges

Phone Number:
970.962.3557

Email:
Russel.Jentges@cityofloveland.org

Project Category:
Construction

Project Number:
PW911

Duration:
2017-2018

**Total Project
Cost:
\$814,410**

About the Project

This project is for the purchase and installation of a new substation transformer to replace transformer W1 at West Substation. This transformer is 44 years old and has reached the end of its useful life.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2017	\$665,230	\$0	\$665,230
2018	\$149,180	\$0	\$149,180
Total	\$814,410	\$0	\$814,410

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2017	\$33,260	\$631,970	\$665,230
2018	\$7,460	\$141,720	\$149,180
Total	\$40,720	\$773,690	\$814,410

Replace E1 Transformer at East Substation

Department:
Water & Power

Division:
Power

Project Manager:
Russel Jentges

Phone Number:
970.962.3557

Email:
Russel.Jentges@cityofloveland.org

Project Category:
Construction

Project Number:
PW911

Duration:
2020

**Total Project
Cost:
\$860,480**

About the Project

This project is for the purchase and installation of a new substation transformer to replace transformer E1 at East Substation. This transformer is 37 years old and has reached the end of its useful life.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2020	\$860,480	\$0	\$860,480
Total	\$860,480	\$0	\$860,480

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2020	\$43,020	\$817,460	\$860,480
Total	\$43,020	\$817,460	\$860,480

Callisto (vault 2716) East along E. 5th, North on Boyd Lake to railroad crossing

Department:
Water & Power

Division:
Power

Project Manager:
Russel Jentges

Phone Number:
970.962.3557

Email:
Russel.Jentges@cityofloveland.org

Project Category:
Construction

Project Number:
PW913

Duration:
2014

Total Project Cost: **\$570,000**

About the Project

This project includes the installation of conduit and 750 AL cable running north along County Road 3 and turning west on Crossroads Blvd. This project creates a loop for 600 amp radials on two circuits and increases reliability.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2014	\$570,000	\$0	\$570,000
Total	\$570,000	\$0	\$570,000

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2014	\$0	\$570,000	\$570,000
Total	\$0	\$570,000	\$570,000

200 Amp Cable Replacement Projects

Department:
Water & Power

Division:
Power

Project Manager:
Russel Jentges

Phone Number:
970.962.3557

Email:
Russel.Jentges@cityofloveland.org

Project Category:
Construction

Project Number:
PW913

Duration:
2014-2023

Total Project Cost:
\$12,057,100

About the Project

These projects are at various locations in the City. This cable is older and often times direct buried cable rather than in the conduit system. The Power Department has experienced reliability issues at these locations in the past due to the aging cable.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2014	\$325,600	\$0	\$325,600
2015	\$2,849,350	\$0	\$2,849,350
2016	\$621,480	\$0	\$621,480
2019	\$59,380	\$0	\$59,380
2020	\$1,843,890	\$0	\$1,843,890
2021	\$1,921,140	\$0	\$1,921,140
2022	\$1,751,350	\$0	\$1,751,350
2023	\$2,684,910	\$0	\$2,684,910
Total	\$12,057,100	\$0	\$12,057,100

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2014	\$100,000	\$225,600	\$325,600
2015	\$20,700	\$2,828,650	\$2,849,350
2016	\$0	\$621,480	\$621,480
2019	\$59,380	\$0	\$59,380
2020	\$61,470	\$1,782,420	\$1,843,890
2021	\$63,610	\$1,857,530	\$1,921,140
2022	\$105,340	\$1,646,010	\$1,751,350
2023	\$0	\$2,684,910	\$2,684,910
Total	\$410,500	\$11,646,600	\$12,057,100

Canyon Conversion

Department:
Water & Power

Division:
Power

Project Manager:
Russel Jentges

Phone Number:
970.962.3557

Email:
Russel.Jentges@cityofloveland.org

Project Category:
Construction

Project Number:
PW913

Duration:
2015-2019

**Total Project
Cost:
\$5,044,240**

About the Project

This project is to convert the Canyon to 12.47 KV voltage. This conversion will add reliability to the Canyon and help the Power Department reduce warehousing cost.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2015	\$20,700	\$0	\$20,700
2016	\$267,800	\$0	\$267,800
2017	\$891,690	\$0	\$891,690
2018	\$1,650,140	\$0	\$1,650,140
2019	\$2,213,910	\$0	\$2,213,910
Total	\$5,044,240	\$0	\$5,044,240

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$20,700	\$0	\$20,700
2016	\$21,420	\$246,380	\$267,800
2017	\$55,440	\$836,250	\$891,690
2018	\$57,380	\$1,592,760	\$1,650,140
2019	\$0	\$2,213,910	\$2,213,910
Total	\$154,940	\$4,889,300	\$5,044,240

Overhead to Underground Conversion Projects

Department:
Water & Power

Division:
Power

Project Manager:
Russel Jentges

Phone Number:
970.962.3557

Email:
Russel.Jentges@cityofloveland.org

Project Category:
Construction

Project Number:
PW914

Duration:
2014-2021

Total Project Cost: \$5,405,310

About the Project

These projects are at various locations around the City where there is existing overhead infrastructure which will be converted to underground infrastructure.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2014	\$900,000	\$0	\$900,000
2015	\$238,730	\$0	\$238,730
2016	\$358,860	\$0	\$358,860
2017	\$22,180	\$0	\$22,180
2018	\$860,640	\$0	\$860,640
2019	\$878,890	\$0	\$878,890
2020	\$663,800	\$0	\$663,800
2021	\$1,482,210	\$0	\$1,482,210
Total	\$5,405,310	\$0	\$5,405,310

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2014	\$54,500	\$845,500	\$900,000
2015	\$10,350	\$228,380	\$238,730
2016	\$0	\$358,860	\$358,860
2017	\$22,180	\$0	\$22,180
2018	\$45,900	\$814,740	\$860,640
2019	\$35,630	\$843,260	\$878,890
2020	\$86,050	\$577,750	\$663,800
2021	\$0	\$1,482,210	\$1,482,210
Total	\$254,610	\$5,150,700	\$5,405,310

Streetlight Projects

Department:
Water & Power

Division:
Power

Project Manager:
Kathleen Porter

Phone Number:
970.962.3561

Email:
Kathleen.Porter@cityofloveland.org

Project Category:
Construction

Project Number:
PW915

Duration:
2014-2023

**Total Project
Cost:
\$3,150,610**

About the Project

These projects will occur as customers either request individual street lights which are approved by the Power Department or new arterial or major collector streets required by new development.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2014	\$350,000	\$0	\$350,000
2015	\$362,250	\$0	\$362,250
2016	\$374,920	\$0	\$374,920
2017	\$388,050	\$0	\$388,050
2018	\$401,630	\$0	\$401,630
2019	\$237,530	\$0	\$237,530
2020	\$245,850	\$0	\$245,850
2021	\$254,450	\$0	\$254,450
2022	\$263,360	\$0	\$263,360
2023	\$272,570	\$0	\$272,570
Total	\$3,150,610	\$0	\$3,150,610

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2014	\$17,500	\$332,500	\$350,000
2015	\$18,110	\$344,140	\$362,250
2016	\$18,750	\$356,170	\$374,920
2017	\$19,400	\$368,650	\$388,050
2018	\$20,080	\$381,550	\$401,630
2019	\$11,880	\$225,650	\$237,530
2020	\$12,290	\$233,560	\$245,850
2021	\$12,720	\$241,730	\$254,450
2022	\$13,170	\$250,190	\$263,360
2023	\$13,630	\$258,940	\$272,570
Total	\$157,530	\$2,993,080	\$3,150,610

Hwy 402 Feeder Extension

Department:
Water & Power

Division:
Power

Project Manager:
Kathleen Porter

Phone Number:
970.962.3561

Email:
Kathleen.Porter@cityofloveland.org

Project Category:
Construction

Project Number:
PW921

Duration:
2016-2017

**Total Project
Cost:
\$5,468,600**

About the Project

This new feeder will begin at South Boise Avenue and State Highway 402 and extend east to the west side of I-25. Its purpose is to pick up and serve the annexations of Ehrlich Addition, the Olson First and also the Olson Second Addition as well as any other new annexations that have been added to the City.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2016	\$0	\$2,142,450	\$2,142,450
2017	\$0	\$3,326,150	\$3,326,150
Total	\$0	\$5,468,600	\$5,468,600

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2016	\$107,120	\$2,035,330	\$2,142,450
2017	\$166,310	\$3,159,840	\$3,326,150
Total	\$273,430	\$5,195,170	\$5,468,600

Crossroads Substation – New Transformer and Feeder Extension

Department:
Water & Power

Division:
Power

Project Manager:
Russel Jentges

Phone Number:
970.962.3557

Email:
Russel.Jentges@cityofloveland.org

Project Category:
Construction

Project Number:
PW920 & PW921

Duration:
2014-2015

**Total Project
Cost:
\$1,667,500**

About the Project

This project is for the purchase and installation of a new transformer and switchgear lineup for Crossroads Substation in 2014. Then in 2015 we will extend the new feeders into the system.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2014	\$0	\$1,150,000	\$1,150,000
2015	\$0	\$517,500	\$517,500
Total	\$0	\$1,667,500	\$1,667,500

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2014	\$0	\$1,150,000	\$1,150,000
2015	\$25,870	\$491,630	\$517,500
Total	\$25,870	\$1,641,630	\$1,667,500

Horseshoe Substation – Install New Components and Feeder Extension

Department:

Water & Power

Division:

Power

Project Manager:

Russel Jentges

Phone Number:

970.962.3557

Email:

Russel.Jentges@cityofloveland.org

Project Category:

Construction

Project Number:

PW920 & PW921

Duration:

2014

Total Project Cost: **\$1,300,000**

About the Project

This project is for the installation of a new control house, switchgear and transformer at Horseshoe Substation. Once those are installed we will then extend the feeder from the substation into the system.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2014	\$0	\$1,300,000	\$1,300,000
Total	\$0	\$1,300,000	\$1,300,000

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2014	\$65,000	\$1,235,000	\$1,300,000
Total	\$65,000	\$1,235,000	\$1,300,000

Valley Substation

Purchase and

Install New

Components and

Feeder Extension

Department:
Water & Power

Division:
Power

Project Manager:
Russel Jentges

Phone Number:
970.962.3557

Email:
Russel.Jentges@cityofloveland.org

Project Category:
Construction

Project Number:
PW920 & PW921

Duration:
2015-2018

**Total Project
Cost:
\$2,922,010**

About the Project

This project is for the purchase and installation of a new transformer and switchgear at Valley Substation. Once those are installed we will then extend the feeder from the substation into the system.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2015	\$0	\$672,750	\$672,750
2016	\$0	\$642,730	\$642,730
2018	\$0	\$1,606,530	\$1,606,530
Total	\$0	\$2,922,010	\$2,922,010

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$33,640	\$639,110	\$672,750
2016	\$32,140	\$610,590	\$642,730
2018	\$80,330	\$1,526,200	\$1,606,530
Total	\$146,110	\$2,775,900	\$2,922,010

East Substation - Purchase and Install New Components

Department:
Water & Power

Division:
Power

Project Manager:
Russel Jentges

Phone Number:
970.962.3557

Email:
Russel.Jentges@cityofloveland.org

Project Category:
Construction

Project Number:
PW920

Duration:
2016-2018

**Total Project
Cost:
\$497,330**

About the Project

This project is for the purchase and installation of a new switchgear lineup for East Substation. The current switchgear lineup has old equipment that is no longer supported by the manufacturer.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2016	\$0	\$348,150	\$348,150
2018	\$0	\$149,180	\$149,180
Total	\$0	\$497,330	\$497,330

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2016	\$17,410	\$330,740	\$348,150
2018	\$7,460	\$141,720	\$149,180
Total	\$24,870	\$472,460	\$497,330

West Substation - Purchase and Install New Components and Feeder Extension

Department:
Water & Power

Division:
Power

Project Manager:
Russel Jentges

Phone Number:
970.962.3557

Email:
Russel.Jentges@cityofloveland.org

Project Category:
Construction

Project Number:
PW920 & PW921

Duration:
2017-2020

Total Project Cost:
\$2,926,260

About the Project

This project is for the purchase and installation of a new transformer and switchgear lineup as well as new relays for W1 and W2 at West Substation. Once those are installed we will then extend the feeder from the substation into the system.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2017	\$0	\$1,020,020	\$1,020,020
2019	\$0	\$676,980	\$676,980
2020	\$0	\$1,229,260	\$1,229,260
Total	\$0	\$2,926,260	\$2,926,260

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2017	\$51,000	\$969,020	\$1,020,020
2019	\$33,850	\$643,130	\$676,980
2020	\$61,460	\$1,167,800	\$1,229,260
Total	\$146,310	\$2,779,950	\$2,926,260

New Substation in Southeast Corner of Service Territory

Department:
Water & Power

Division:
Power

Project Manager:
Russel Jentges

Phone Number:
970.962.3557

Email:
Russel.Jentges@cityofloveland.org

Project Category:
Construction

Project Number:
PW920 & PW921

Duration:
2014-2022

Total Project Cost:
\$7,021,240

About the Project

We are planning for the addition of a substation in the southeast corner of our service territory in order to serve the load growth projected there. This will include the purchase of land and installation of the new substation.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2014	\$0	\$300,000	\$300,000
2019	\$0	\$1,591,500	\$1,591,500
2020	\$0	\$1,647,200	\$1,647,200
2021	\$0	\$1,704,850	\$1,704,850
2022	\$0	\$1,777,690	\$1,777,690
Total	\$0	\$7,021,240	\$7,021,240

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2014	\$300,000	\$0	\$300,000
2019	\$79,570	\$1,511,930	\$1,591,500
2020	\$82,360	\$1,564,840	\$1,647,200
2021	\$85,240	\$1,619,610	\$1,704,850
2022	\$88,880	\$1,688,810	\$1,777,690
Total	\$636,050	\$6,385,190	\$7,021,240

Miscellaneous General Plant Projects

Department:
Water & Power

Division:
Power

Project Manager:
Bob Miller

Phone Number:
970.962.3563

Email:
Bob.Miller@cityofloveland.org

Project Category:
Capital Equipment

Project Number:
PW930

Duration:
2014

**Total Project
Cost:
\$575,250**

About the Project

Budgeted dollars are to cover the capital expenses for equipment which is necessary to build, operate, and maintain the electric system. Such expenses might include vehicles, software, large tools, and equipment purchases.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2014	\$420,000	\$0	\$420,000
2015	\$155,250	\$0	\$155,250
Total	\$575,250	\$0	\$575,250

Project Cost Estimates By Year			
Elements	Planning	Equipment	Total
2014	\$0	\$420,000	\$420,000
2015	\$0	\$155,250	\$155,250
Total	\$0	\$575,250	\$575,250

Large Vehicle Replacements

Department:
Water & Power

Division:
Power

Project Manager:
Bob Miller

Phone Number:
970.962.3563

Email:
Bob.Miller@cityofloveland.org

Project Category:
Capital Equipment

Project Number:
PW930

Duration:
2015-2016

Total Project Cost:
\$536,910

About the Project

Budgeted dollars are to cover the capital expenses for equipment which is necessary to build, operate, and maintain the electric system. Such expenses include vehicles.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2015	\$269,100	\$0	\$269,100
2016	\$267,810	\$0	\$267,810
Total	\$536,910	\$0	\$536,910

Project Cost Estimates By Year			
Elements	Planning	Equipment	Total
2015	\$0	\$269,100	\$269,100
2016	\$0	\$267,810	\$267,810
Total	\$0	\$536,910	\$536,910

Windy Gap Firming Project

Department:
Water & Power

Division:
Raw Water

Project Manager:
Larry Howard

Phone Number:
970.962.3703

Email:
Larry.Howard@cityofloveland.org

Project Category:
Planning

Project Numbers:
W038AA

Duration:
2014-2016

**Total Project
Cost:
\$25,974,530**

About the Project

The Windy Gap Firming Project as currently envisioned will provide a total of 90,000 acre feet of storage to hold water developed in the original Windy Gap Project. It is anticipated the storage will be permitted in Chimney Hollow, the next valley immediately west of Carter Lake. Loveland's portion of the total is currently subscribed at 7,000 acre feet of storage. This storage will ensure that the City's 4,000 acre feet of yield from the original Windy Gap Project will be available to the City on a reliable, or firm, basis. Environmental permits are still pending.



Funding Sources			
Revenue	Raw Water Fund	Water System Impact Fee	Total
Prior Years	\$2,177,600	\$0	\$2,177,600
2014	\$750,000	\$0	\$750,000
2015	\$767,400	\$0	\$767,400
2016	\$22,279,530	\$0	\$22,279,530
Total	\$25,974,530	\$0	\$25,974,530

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
Prior Years	\$2,177,600	\$0	\$2,177,600
2014	\$750,000	\$0	\$750,000
2015	\$767,400	\$0	\$767,400
2016	\$22,279,530	\$0	\$22,279,530
Total	\$25,974,530	\$0	\$25,974,530

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2017*					
Total					

*Operations impact negligible.

Colorado Big Thompson Water Purchases

Department:
Water & Power

Division:
Raw Water

Project Manager:
Greg Dewey

Phone Number:
970.962.3717

Email:
Greg.Dewey@cityofloveland.org

Project Category:
Planning

Project Numbers:
W1014A

Duration:
2014-2023

Total Project Cost:
\$5,580,890

About the Project

Colorado Big Thompson (CBT) Water Purchases are one of the identified ways in the City's Raw Water Master Plan to acquire additional water for the city. The city was successful in late 2011 and early 2012 in purchasing a relatively large amount of CBT at a



reasonable price. This project is to plan for funds to allow flexibility and responsiveness to consider and execute purchases of CBT water should desirable opportunities occur.

Funding Sources

Revenue	Raw Water Fund	Water System Impact Fee	Total
2014	\$300,000	\$0	\$300,000
2015	\$364,880	\$0	\$364,880
2016	\$407,550	\$0	\$407,550
2017	\$566,500	\$0	\$566,500
2018	\$590,570	\$0	\$590,570
2019	\$615,670	\$0	\$615,670
2020	\$641,840	\$0	\$641,840
2021	\$669,120	\$0	\$669,120
2022	\$697,560	\$0	\$697,560
2023	\$727,200	\$0	\$727,200
Total	\$5,580,890	\$0	\$5,580,890

Project Cost Estimates by Year

Elements	Planning	Acquisition	Total
2014	\$0	\$300,000	\$300,000
2015	\$0	\$364,880	\$364,880
2016	\$0	\$407,550	\$407,550
2017	\$0	\$566,500	\$566,500
2018	\$0	\$590,570	\$590,570
2019	\$0	\$615,670	\$615,670
2020	\$0	\$641,840	\$641,840
2021	\$0	\$669,120	\$669,120
2022	\$0	\$697,560	\$697,560
2023	\$0	\$727,200	\$727,200
Total	\$0	\$5,580,890	\$5,580,890

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operations impact negligible.

Trade of Water Rights – 402 Corridor

Department:
Water & Power

Division:
Raw Water

Project Manager:
Larry Howard

Phone Number:
970.962.3703

Email:
Larry.Howard@cityofloveland.org

Project Category:
Planning

Project Numbers:
NA

Duration:
2019

Total Project Cost:
\$664,930

About the Project

The City (Raw Water Enterprise Fund) purchased water along Highway 402, formerly owned by Three "O" Partnership. The water is described as 27 shares of Home Supply Ditch. Water and Power staff has been considering ways for the City to use this water. One option is to trade the water to Johnstown. This water is the same type of water that Johnstown already makes use of; however, a change in Water Court would be required. Johnstown has other water carried in the Home Supply Ditch in which Johnstown gets a reduced yield. If and when a trade is accepted, the City (Raw Water Enterprise Fund) would dispose of this asset and the City (Raw Water Enterprise Fund) would acquire another asset (a different type of water right). Due to time involved in doing a Water Court transfer, the trade would not be expected until 2019.



Funding Sources			
Revenue	Raw Water Fund	Water System Impact Fee	Total
2019	\$664,930	\$0	\$664,930
Total	\$664,930	\$0	\$664,930

Project Cost Estimates by Year			
Elements	Planning	Acquisition	Total
2019	\$0	\$664,930	\$664,930
Total	\$0	\$664,930	\$664,930

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2020*					
Total					

*Operations impact negligible.

New Laboratory Building

Department:
Water & Power

Division:
Wastewater

Project Manager:
John McGee

Phone Number:
970.962.3760

Email:
John.McGee@cityofloveland.org

Project Category:
Planning/Construction

Project Number:
NA

Duration:
2022-2023

About the Project

This project consists of a new water quality lab building for water and wastewater regulatory and non-regulatory laboratory analysis.



**Total Project Cost:
\$3,099,390**

Funding Sources			
Revenue	Wastewater Fund	Wastewater Impact Fee	Total
2022	\$198,780	\$49,690	\$248,470
2023	\$2,280,740	\$570,180	\$2,850,920
Total	\$2,479,520	\$619,870	\$3,099,390

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2022	\$248,470	\$0	\$248,470
2023	\$259,030	\$2,591,890	\$2,850,920
Total	\$507,500	\$2,591,890	\$3,099,390

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operations impact negligible.

Digester Projects

Department:
Water & Power

Division:
Wastewater

Project Manager:
John McGee

Phone Number:
970.962.2572

Email:
mcgeej@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
W1227H, W1228H, W1229G

Duration:
2014-2015

**Total Project
Cost:
\$2,970,220**

About the Project

This project includes Flare Modifications, Mixing System design and construction and Digester Sludge Heating System design and construction.



Funding Sources				
Revenue	Wastewater Fund	Wastewater Impact Fee	Total	
Prior Years	\$1,073,600	\$240,000	\$1,313,600	
2014	\$318,160	\$79,540	\$397,700	
2015	\$1,007,140	\$251,780	\$1,258,920	
Total	\$2,398,900	\$571,320	\$2,970,220	

Project Cost Estimates by Year				
Elements	Planning	Construction	Total	
Prior Years	\$217,000	\$1,096,600	\$1,313,600	
2014	\$134,200	\$263,500	\$397,700	
2015	\$139,900	\$1,119,020	\$1,258,920	
Total	\$491,100	\$2,479,120	\$2,970,220	

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016*					
Total					

*Operations impact negligible.

Nutrient Treatment Facilities

Department:
Water & Power

Division:
Wastewater

Project Manager:
Michael McCrary

Phone Number:
970.962.3760

Email:
mccram@ci.loveland.co.us

Project Category:
Planning/Construction

Project Number:
NA

Duration:
2015-2017

Total Project Cost:
\$6,355,790

About the Project

This project will provide additional treatment to remove nutrients and meet anticipated regulated nutrient criteria restrictions. Additional nutrient treatment facilities may need to be on line by 2016 to meet upcoming nutrient criteria for total nitrogen and total phosphorus. These criteria are mandated by the USEPA and are designed to lower algal bloom in all rivers in the nation in order to reduce oxygen demand from decomposing bio-matter.



Funding Sources			
Revenue	Wastewater Fund	Wastewater Impact Fee	Total
2015	\$438,600	\$109,650	\$548,250
2016	\$1,532,830	\$383,210	\$1,916,040
2017	\$3,113,200	\$778,300	\$3,891,500
Total	\$5,084,630	\$1,271,160	\$6,355,790

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2015	\$548,250	\$0	\$548,250
2016	\$166,280	\$1,749,760	\$1,916,040
2017	\$364,820	\$3,526,680	\$3,891,500
Total	\$1,079,350	\$5,276,440	\$6,355,790

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2018*					
Total					

*Operations impact negligible.

Gas Conditioning at WWTP

Department:
Water & Power

Division:
Wastewater

Project Manager:
Michael McCrary

Phone Number:
970.962.2572

Email:
mccram@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
NA

Duration:
2014

**Total Project
Cost:
\$1,000,000**

About the Project

In order to improve performance at the WWTP and to reduce BOD generation, the WWTP will receive equipment upgrades to better remove and treat bio-gas generated during the treatment process.



Funding Sources			
Revenue	Wastewater Fund	Wastewater Impact Fee	Total
2014	\$800,000	\$200,000	\$1,000,000
Total	\$800,000	\$200,000	\$1,000,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2014	\$0	\$1,000,000	\$1,000,000
Total	\$0	\$1,000,000	\$1,000,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2015*					
Total					

*Operations impact negligible.

Primary Clarifier

Department:
Water & Power

Division:
Wastewater

Project Manager:
Michael McCrary

Phone Number:
970.962.2572

Email:
mccram@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
NA

Duration:
2018-2019

**Total Project
Cost:
\$3,026,980**

About the Project

This project will provide a treatment capacity increase of the primary treatment system to a 12 MGD maximum per month design to provide additional plant capacity for City growth. The primary clarifier will be constructed in the area now occupied by the decommissioned trickling filters.



Funding Sources			
Revenue	Wastewater Fund	Wastewater Impact Fee	Total
2018	\$126,760	\$190,140	\$316,900
2019	\$1,084,030	\$1,626,050	\$2,710,080
Total	\$1,210,790	\$1,816,190	\$3,026,980

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2018	\$316,900	\$0	\$316,900
2019	\$304,640	\$2,405,440	\$2,710,080
Total	\$621,540	\$2,405,440	\$3,026,980

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2020*					
Total					

*Operations impact negligible.

Trickling Filter Demolition

Department:
Water & Power

Division:
Wastewater

Project Manager:
Michael McCrary

Phone Number:
970.962.3760

Email:
mccram@ci.loveland.co.us

Project Category:
Planning/Construction

Project Number:
NA

Duration:
2018-2019

Total Project Cost:
\$664,830

About the Project

This project is for the demolition of the existing trickling filter basins to make room for the new primary clarifier. This project coincides with the Primary Clarifier project.



Funding Sources

Revenue	Wastewater Fund	Wastewater Impact Fee	Total
2018	\$54,450	\$0	\$54,450
2019	\$610,380	\$0	\$610,380
Total	\$664,830	\$0	\$664,830

Project Cost Estimates by Year

Elements	Planning	Construction	Total
2018	\$54,450	\$0	\$54,450
2019	\$56,770	\$553,610	\$610,380
Total	\$111,220	\$553,610	\$664,830

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2020*					
Total					

*Operations impact negligible.

Digested Sludge Dewatering

Department:
Water & Power

Division:
Wastewater

Project Manager:
Michael McCrary

Phone Number:
970.962.2572

Email:
mccram@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
NA

Duration:
2019-2021

**Total Project
Cost:
\$7,226,780**

About the Project

This project is recommended based on the 2007 Solids Management Study and will provide onsite dewatering capability to reduce the volume of digested biosolids hauled off site and reduce dependence on liquid waste hauling. This project will be built in the area of the WAS thickening building and will incorporate centrifuges for dewatering and solids cake loading into biosolids hauling trucks



Funding Sources				
Revenue	Wastewater Fund	Wastewater Impact Fee	Total	
2019	\$464,170	\$116,040	\$580,210	
2020	\$2,640,620	\$660,160	\$3,300,780	
2021	\$2,676,630	\$669,160	\$3,345,790	
Total	\$5,781,420	\$1,445,360	\$7,226,780	
Project Cost Estimates by Year				
Elements	Planning	Construction	Total	
2019	\$580,210	\$0	\$580,210	
2020	\$348,130	\$2,952,650	\$3,300,780	
2021	\$267,650	\$3,078,140	\$3,345,790	
Total	\$1,195,990	\$6,030,790	\$7,226,780	
Estimated Initial Operations Impact				
	Personnel	Supplies	Purchased Services	Total
2022*				
Total				

*Operations impact negligible.

Future Digester

Department:
Water & Power

Division:
Wastewater

Project Manager:
John McGee

Phone Number:
970.962.3760

Email:
mcgeej@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
NA

Duration:
2015-2017

About the Project

This project will add a third digester to the wastewater treatment plant to maintain current and anticipated solids treatment regulations. As loadings on the treatment plant increase, design and regulatory criteria will necessitate more digestion capacity.



**Total Project
Cost:
\$11,072,050**

Funding Sources				
Revenue	Wastewater Fund	Wastewater Impact Fee	Total	
2015	\$312,750	\$104,250	\$417,000	
2016	\$3,912,500	\$1,304,170	\$5,216,670	
2017	\$4,078,780	\$1,359,600	\$5,438,380	
Total	\$8,304,030	\$2,768,020	\$11,072,050	

Project Cost Estimates by Year				
Elements	Planning	Construction	Total	
2015	\$417,000	\$0	\$417,000	
2016	\$326,040	\$4,890,630	\$5,216,670	
2017	\$339,900	\$5,098,480	\$5,438,380	
Total	\$1,082,940	\$9,989,110	\$11,072,050	

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2018*					
Total					

*Operations impact negligible.

East and West Channel Bar Screen Replacement

Department:
Water & Power

Division:
Wastewater

Project Manager:
John McGee

Phone Number:
970.962.3760

Email:
mcgeej@ci.loveland.co.us

Project Category:
Planning/Construction

Project Number:
NA

Duration:
2015-2016

Total Project Cost: **\$1,083,290**

About the Project

Mechanical screening to remove rags, trash, and other detritus from the flow entering the wastewater treatment plant is the first treatment action taken by the plant. This step helps protect all downstream processes and equipment from clogs and equipment damage. This project will install a more robust screenings system to protect all plant processes.



Funding Sources

Revenue	Wastewater Fund	Wastewater Impact Fee	Total
2015	\$445,670	\$148,560	\$594,230
2016	\$366,790	\$122,270	\$489,060
Total	\$812,460	\$270,830	\$1,083,290

Project Cost Estimates by Year

Elements	Planning	Construction	Total
2015	\$72,980	\$521,250	\$594,230
2016	\$54,340	\$434,720	\$489,060
Total	\$127,320	\$955,970	\$1,083,290

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2017*					
Total					

*Operations impact negligible.

Digester Building Code Compliance

Department:
Water & Power

Division:
Wastewater

Project Manager:
John McGee

Phone Number:
970.962.3760

Email:
mcgeej@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
NA

Duration:
2014

**Total Project
Cost:
\$1,450,000**

About the Project

The Digester Building was constructed in 1986. The relevant Fire and Electrical codes have been revised several times since then. Digester gas can be present in this building and special code compliance and safety measures are required. The safety of staff and plant neighbors necessitates that compliance with the updated codes be established.



Funding Sources

Revenue	Wastewater Fund	Wastewater Impact Fee	Total
Prior Years	\$900,000	\$0	\$900,000
2014	\$550,000	\$0	\$550,000
Total	\$1,450,000	\$0	\$1,450,000

Project Cost Estimates by Year

Elements	Planning	Construction	Total
Prior Years	\$150,000	\$750,000	\$900,000
2014	\$50,000	\$500,000	\$550,000
Total	\$200,000	\$1,250,000	\$1,450,000

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2015*					
Total					

*Operations impact negligible.

Organic Capacity Expansion WWTP

Department:
Water & Power

Division:
Wastewater

Project Manager:
John McGee

Phone Number:
970.962.3760

Email:
mcgeej@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
NA

Duration:
2014-2017

**Total Project
Cost:
\$5,034,680**

About the Project

Currently the WWTP is nearing its organic loading capacity. In order to meet current and future treatment needs and comply with increasingly stringent regulations, the WWTP will need additional capacity as it relates to organic loading.



Funding Sources			
Revenue	Wastewater Fund	Wastewater Impact Fee	Total
2014	\$18,260	\$73,040	\$91,300
2015	\$181,270	\$725,080	\$906,350
2016	\$64,770	\$259,100	\$323,870
2017	\$742,630	\$2,970,530	\$3,713,160
Total	\$1,006,930	\$4,027,750	\$5,034,680

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2014	\$91,300	\$0	\$91,300
2015	\$55,980	\$850,370	\$906,350
2016	\$323,870	\$0	\$323,870
2017	\$337,630	\$3,375,530	\$3,713,160
Total	\$808,780	\$4,225,900	\$5,034,680

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2018*					
Total					

*Operations impact negligible.

Miscellaneous Oversizing and Extension Projects

Department:
Water & Power

Division:
Wastewater

Project Manager:
Melissa Morin

Phone Number:
970.962.3709

Email:
Melissa.Morin@cityofloveland.org

Project Category:
Construction

Project Numbers:
W1232H

Duration:
2014-2023

**Total Project
Cost:
\$910,970**

About the Project

As development on the fringes of the City occurs, private developers design and install wastewater infrastructure to serve their specific project. When the City anticipates additional capacity is desired to serve wastewater needs above and beyond that which is related to the proposed development, the Utility may require a larger pipeline to be installed by the Developer. The Utility reimburses the Developer for these increased costs through the Extension and Oversizing program. Future anticipated wastewater main alignment and sizes have been planned for in the Water/Wastewater Master Plan.



Funding Sources			
Revenue	Wastewater Fund	Wastewater Impact Fee	Total
2014	\$0	\$75,000	\$75,000
2015	\$0	\$78,190	\$78,190
2016	\$0	\$81,510	\$81,510
2017	\$0	\$84,970	\$84,970
2018	\$0	\$88,590	\$88,590
2019	\$0	\$92,350	\$92,350
2020	\$0	\$96,280	\$96,280
2021	\$0	\$100,370	\$100,370
2022	\$0	\$104,630	\$104,630
2023	\$0	\$109,080	\$109,080
Total	\$0	\$910,970	\$910,970

Project Cost Estimates by Year

Elements	Planning	Construction	Total
2014	\$0	\$75,000	\$75,000
2015	\$0	\$78,190	\$78,190
2016	\$0	\$81,510	\$81,510
2017	\$0	\$84,970	\$84,970
2018	\$0	\$88,590	\$88,590
2019	\$0	\$92,350	\$92,350
2020	\$0	\$96,280	\$96,280
2021	\$0	\$100,370	\$100,370
2022	\$0	\$104,630	\$104,630
2023	\$0	\$109,080	\$109,080
Total	\$0	\$910,970	\$910,970

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operations impact negligible.

Fairgrounds/ Namaqua Interceptor Rehabilitation

Department:
Water & Power

Division:
Wastewater

Project Manager:
Craig Weinland

Phone Number:
970.962.3750

Email:
Craig.Weinland@cityofloveland.org

Project Category:
Construction

Project Number:
NA

Duration:
2014

Total Project Cost: **\$650,000**

About the Project

This project consists of rehabilitating approximately 2600 linear feet of 30-inch RCP for the portion of the interceptor located between S Lincoln and S Saint Louis Avenues which has experienced hydrogen sulfide corrosion. The rehabilitation of the Interceptor will consist of cleaning, videotaping, gasket and tree root cutting, pulling a Cured-In-Place-Pipe (CIPP) liner through the line, and reinstating active services. The project also includes the rehabilitation of manholes along the Interceptor line. Manhole restoration will depend on the corrosion level and may include removal and replacement or surface preparation and installation of a cured in places sulfide resistant lining.



Funding Sources			
Revenue	Wastewater Fund	Wastewater Impact Fee	Total
2014	\$650,000	\$0	\$650,000
Total	\$650,000	\$0	\$650,000

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2014	\$0	\$650,000	\$650,000
Total	\$0	\$650,000	\$650,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2015*					
Total					

*Operations impact negligible.

Boyd Interceptor Projects

Department:
Water & Power

Division:
Wastewater

Project Manager:
Melissa Morin

Phone Number:
970.962.3750

Email:
Melissa.Morin@cityofloveland.org

Project Category:
Planning/Construction

Project Numbers:
NA

Duration:
2017-2022

**Total Project
Cost:
\$5,733,990**

About the Project

The Boyd Lake Interceptor projects include the installation of new parallel line segments in the north central part of the City. The parallel lines will add wastewater capacity for the north and northwestern parts of the City. Timing and need for these projects will be dictated primarily by growth in northwest Loveland.



Funding Sources			
Revenue	Wastewater Fund	Wastewater Impact Fee	Total
2017	\$0	\$107,630	\$107,630
2018	\$708,690	\$702,780	\$1,411,470
2019	\$0	\$1,354,480	\$1,354,480
2020	\$0	\$166,880	\$166,880
2021	\$0	\$2,275,000	\$2,275,000
2022	\$418,530	\$0	\$418,530
Total	\$1,127,220	\$4,606,770	\$5,733,990

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2017	\$107,630	\$0	\$107,630
2018	\$230,320	\$1,181,150	\$1,411,470
2019	\$123,130	\$1,231,350	\$1,354,480
2020	\$166,880	\$0	\$166,880
2021	\$133,820	\$2,141,180	\$2,275,000
2022	\$0	\$418,530	\$418,530
Total	\$761,780	\$4,972,210	\$5,733,990

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2023*					
Total					

*Operations impact negligible.

Miscellaneous Sewer Line Rehabilitation Projects

Department:
Water & Power

Division:
Wastewater

Project Manager:
Craig Weinland

Phone Number:
970.962.3750

Email:
Craig.Weinland@cityofloveland.org

Project Category:
Construction

Project Numbers:
NA

Duration:
2014-2023

Total Project Cost: **\$2,429,250**

About the Project

Replacing aging infrastructure is a growing need within the utility. After several decades pass, wastewater mains and manholes reach the end of their service life and require increased maintenance and rehabilitation costs. In some cases, these costs can become unacceptably high and the utility is best served by rehabilitating the facilities. Typically, most communities face increasing rehabilitation costs as the age of installed infrastructure advances.



Funding Sources			
Revenue	Wastewater Fund	Wastewater Impact Fee	Total
2014	\$200,000	\$0	\$200,000
2015	\$208,500	\$0	\$208,500
2016	\$217,360	\$0	\$217,360
2017	\$226,600	\$0	\$226,600
2018	\$236,230	\$0	\$236,230
2019	\$246,270	\$0	\$246,270
2020	\$256,740	\$0	\$256,740
2021	\$267,650	\$0	\$267,650
2022	\$279,020	\$0	\$279,020
2023	\$290,880	\$0	\$290,880
Total	\$2,429,250	\$0	\$2,429,250

Project Cost Estimates by Year

Elements	Planning	Construction	Total
2014	\$0	\$200,000	\$200,000
2015	\$0	\$208,500	\$208,500
2016	\$0	\$217,360	\$217,360
2017	\$0	\$226,600	\$226,600
2018	\$0	\$236,230	\$236,230
2019	\$0	\$246,270	\$246,270
2020	\$0	\$256,740	\$256,740
2021	\$0	\$267,650	\$267,650
2022	\$0	\$279,020	\$279,020
2023	\$0	\$290,880	\$290,880
Total	\$0	2,429,250	2,429,250

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operations impact negligible.

Hwy 402 Wastewater Main Extension

Department:
Water & Power

Division:
Wastewater

Project Manager:
Tanner Randall

Phone Number:
970.962.3715

Email:
Tanner.Randall@cityofloveland.org

Project Category:
Planning/Construction

Project Number:
NA

Duration:
2016-2017

**Total Project
Cost:
\$4,966,700**

About the Project

This project includes the design and construction of a new wastewater main to provide for future development along the Highway 402 corridor as well as the southeast corner of the City's wastewater service area. The main will be designed to maximize gravity flow, but will need a regional lift station to collect wastewater. A condition of annexation was agreed upon for the Olson Annexation that the City would provide wastewater service to the Annexation upon development.



Funding Sources				
Revenue	Wastewater Fund	Wastewater Impact Fee	Total	
2016	\$0	\$434,720	\$434,720	
2017	\$0	\$4,531,980	\$4,531,980	
Total	\$0	\$4,966,700	\$4,966,700	

Project Cost Estimates by Year				
Elements	Planning	Construction	Total	
2016	\$434,720	\$0	\$434,720	
2017	\$0	\$4,531,980	\$4,531,980	
Total	\$434,720	\$4,531,980	\$4,966,700	

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2017*					
Total					

*Operations impact negligible.

North Horseshoe Lift Station Upgrades

Department:
Water & Power

Division:
Wastewater

Project Manager:
Roger Berg

Phone Number:
970.962.3711

Email:
Roger.Berg@cityofloveland.org

Project Category:
Planning/Construction

Project Numbers:
NA

Duration:
2018-2019

Total Project Cost:
\$911,330

About the Project

Upgrades to the existing lift station will increase pumping capacity to provide adequate sewer service to potential development and population growth in areas north of Horseshoe Reservoir. Design will include a condition assessment, adding a 3rd pump, and verifying whether to serve the existing Lago Vista Mobile Home Park.



Funding Sources

Revenue	Wastewater Fund	Wastewater Impact Fee	Total
2018	\$141,740	\$0	\$141,740
2019	\$769,590	\$0	\$769,590
Total	\$911,330	\$0	\$911,330

Project Cost Estimates by Year

Elements	Planning	Construction	Total
2018	\$141,740	\$0	\$141,740
2019	\$92,350	\$677,240	\$769,590
Total	\$234,090	\$677,240	\$911,330

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2020*					
Total					

*Operations impact negligible.

South Side Lift Station Force Main to WWTP

Department:
Water & Power

Division:
Wastewater

Project Manager:
Tanner Randall

Phone Number:
970.962.3715

Email:
Tanner.Randall@cityofloveland.org

Project Category:
Planning/Construction

Project Numbers:
NA

Duration:
2018-2019

**Total Project
Cost:
\$1,848,790**

About the Project

The South Side Lift Station was constructed in 1983 in anticipation for significant growth in the southeast portion of the City. Due to growth occurring in other areas of town, the force main and lift station are currently oversized. The oversized facilities cause the pumps to only operate once every hour and much less frequently at night. The force main discharges directly to the wastewater treatment plant (WWTP). The large force main, infrequent pumping and proximity



to the WWTP cause large surges which overwhelm and complicate the treatment process. The proposed project will add a smaller force main and pumps allowing discharges to the WWTP to be smaller and steadier resulting in less strain and improved efficiency at the plant.

Funding Sources			
Revenue	Wastewater Fund	Wastewater Impact Fee	Total
2018	\$248,040	\$0	\$248,040
2019	\$1,600,750	\$0	\$1,600,750
Total	\$1,848,790	\$0	\$1,848,790

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2018	\$248,040	\$0	\$248,040
2019	\$123,130	\$1,477,620	\$1,600,750
Total	\$371,170	\$1,477,620	\$1,848,790

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2020*					
Total					

*Operations impact negligible.

East Side Discharge Trunk to WWTP

Department:
Water & Power

Division:
Wastewater

Project Manager:
Tanner Randall

Phone Number:
970.962.3715

Email:
Tanner.Randall@cityofloveland.org

Project Category:
Planning/Construction

Project Number:
NA

Duration:
2022

**Total Project
Cost:
\$1,569,500**

About the Project

Growth and development on the east side of Loveland will drive the need for the East Side Discharge Trunk to the Wastewater Treatment Plant (WWTP) project. The proposed project will create additional wastewater capacity from the Eastside Lift Station discharge location to the WWTP.



Funding Sources			
Revenue	Wastewater Fund	Wastewater Impact Fee	Total
2022	\$0	\$1,569,500	\$1,569,500
Total	\$0	\$1,569,500	\$1,569,500

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2022	\$174,390	\$1,395,110	\$1,569,500
Total	\$174,390	\$1,395,110	\$1,569,500

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2023*					
Total					

*Operations impact negligible.

Collection System Corrosion Control

Department:
Water & Power

Division:
Wastewater

Project Manager:
John McGee

Phone Number:
970.962.3760

Email:
mcgeej@ci.loveland.co.us

Project Category:
Construction

Project Numbers:
NA

Duration:
2014-2015

Total Project Cost:
\$1,012,750

About the Project

The City's wastewater collection system has a significant corrosion problem resulting from the presence of hydrogen sulfide gas. One way to reduce the gas is to strategically place chemical injection sites throughout the City. The proposed project will greatly slow the degradation of concrete collection lines, manholes, and vaults.



Funding Sources			
Revenue	Wastewater Fund	Wastewater Impact Fee	Total
Prior Years	\$320,000	\$80,000	\$400,000
2014	\$240,000	\$60,000	\$300,000
2015	\$250,200	\$62,550	\$312,750
Total	\$810,200	\$202,550	\$1,012,750

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
Prior Years	\$0	\$400,000	\$400,000
2014	\$0	\$300,000	\$300,000
2015	\$0	\$312,750	\$312,750
Total	\$0	\$1,012,750	\$1,012,750

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016*					
Total					

*Operations impact negligible.

East Side Lift Station Upgrades

Department:
Water & Power

Division:
Wastewater

Project Manager:
Tom Greene

Phone Number:
970.962.3706

Email:
Tom.Greene@cityofloveland.org

Project Category:
Construction

Project Numbers:
NA

Duration:
2021

**Total Project
Cost:
\$769,490**

About the Project

As growth continues on the east side of Loveland, the need for additional capacity at the East Side Lift Station will occur. This proposed project will enlarge the lift station to handle the additional wastewater. The lift station upgrades must be coordinated with the East Side Discharge to WWTP project to ensure that downstream capacity is in place for the larger station.



Funding Sources

Revenue	Wastewater Fund	Wastewater Impact Fee	Total
2021	\$0	\$769,490	\$769,490
Total	\$0	\$769,490	\$769,490

Project Cost Estimates by Year

Elements	Planning	Construction	Total
2021	\$100,370	\$669,120	\$769,490
Total	\$100,370	\$669,120	\$769,490

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2022*					
Total					

*Operations impact negligible.

Miscellaneous Wastewater General Plant Projects

Department:
Water & Power

Division:
Wastewater

Project Manager:
Chris Matkins

Phone Number:
970.962.3712

Email:
Chris.Matkins@cityofloveland.org

Project Category:
Equipment

Project Number:
NA

Duration:
2014

Total Project Cost: \$310,000

About the Project

Budgeted dollars are to cover the capital expenses for equipment which is necessary to operate and maintain the wastewater utility. Such expenses might include vehicles, software, large tool and equipment purchases.



Funding Sources			
Revenue	Wastewater Fund	Wastewater Impact Fee	Total
2014	\$310,000	\$0	\$310,000
Total	\$310,000	\$0	\$310,000

Project Cost Estimates by Year			
Elements	Planning	Equipment	Total
2014	\$0	\$310,000	\$310,000
Total	\$0	\$310,000	\$310,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2015*					
Total					

*Operations impact negligible.

Large vehicle Replacements

Department:
Water & Power

Division:
Wastewater

Project Manager:
Chris Watkins

Phone Number:
970.962.3712

Email:
Chris.Matkins@cityofloveland.org

Project Category:
Vehicle Replacement

Project Number:
NA

Duration:
2015

Total Project Cost:
\$417,000

About the Project

Budgeted dollars are to cover the capital expenses for vehicles which are necessary to operate and maintain the wastewater utility.



Funding Sources			
Revenue	Wastewater Fund	Wastewater Impact Fee	Total
2015	\$417,000	\$0	\$417,000
Total	\$417,000	\$0	\$417,000

Project Cost Estimates by Year			
Elements	Planning	Equipment	Total
2015	\$0	\$417,000	\$417,000
Total	\$0	\$417,000	\$417,000

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016*					
Total					

*Operations impact negligible.

Water Line Replacements

Department:
Water & Power

Division:
Water

Project Manager:
Roger Berg

Phone Number:
970.962.3711

Email:
Roger.Berg@cityofloveland.org

Project Category:
Planning/Construction

Project Number:
NA

Duration:
2014- 2023

**Total Project Cost:
\$18,643,450**

About the Project

Replacing aging infrastructure is a growing need within the utility. After decades, water pipes, valves, and fire hydrants reach the end of their service life and require increasing maintenance and rehabilitation costs. In some cases, these costs can become unacceptably high and the utility is best served by replacing the facilities. Typically, most communities face increasing replacement costs as the age of installed infrastructure advances.



Funding Sources			
Revenue	Water Fund	System Impact Fee	Total
2014	\$2,121,700	\$0	\$2,121,700
2015	\$1,980,750	\$0	\$1,980,750
2016	\$489,060	\$0	\$489,060
2017	\$509,850	\$0	\$509,850
2018	\$531,520	\$0	\$531,520
2019	\$615,670	\$0	\$615,670
2020	\$1,925,520	\$0	\$1,925,520
2021	\$3,345,590	\$0	\$3,345,590
2022	\$3,487,780	\$0	\$3,487,780
2023	\$3,636,010	\$0	\$3,636,010
Total	\$18,643,450	\$0	\$18,643,450

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2014	\$80,000	\$2,041,700	\$2,121,700
2015	\$208,500	\$1,772,250	\$1,980,750
2016	\$0	\$489,060	\$489,060
2017	\$0	\$509,850	\$509,850
2018	\$0	\$531,520	\$531,520
2019	\$0	\$615,670	\$615,670
2020	\$0	\$1,925,520	\$1,925,520
2021	\$0	\$3,345,590	\$3,345,590
2022	\$0	\$3,487,780	\$3,487,780
2023	\$0	\$3,636,010	\$3,636,010
Total	\$288,500	\$18,354,950	\$18,643,450

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operating impact negligible.

Water Line Projects Coordinated with Public Works

Department:
Water & Power

Division:
Water

Project Manager:
Craig Weinland

Phone Number:
970.962.3750

Email:
Craig.Weinland@cityofloveland.org

Project Category:
Construction

Project Number:
NA

Duration:
2018-2020

**Total Project
Cost:
\$1,342,980**

About the Project

The Water Division plans for projects that align with major street or storm water improvements. The coordinated projects share costs between City Departments and they minimize disruption to the public. The two major waterline coordination projects are Taft Avenue Phase 2 and the Loveland Outfall Phase 3 (Sherri Mar).



Funding Sources			
Revenue	Water Fund	System Impact Fee	Total
2018	\$62,780	\$0	\$62,780
2019	\$180,830	\$0	\$180,830
2020	\$1,099,370	\$0	\$1,099,370
Total	\$1,342,980	\$0	\$1,342,980

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2018	\$0	\$62,780	\$62,780
2019	\$180,830	\$0	\$180,830
2020	\$0	\$1,099,370	\$1,099,370
Total	\$180,830	\$1,162,150	\$1,342,980

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2021*					
Total					

*Operating impact negligible.

Extension and Oversizing Projects

Department:
Water & Power

Division:
Water

Project Manager:
Melissa Morin

Phone Number:
970.962.3709

Email:
Melissa.Morin@cityofloveland.org

Project Category:
Construction

Project Number:
NA

Duration:
2014-2023

**Total Project
Cost:
\$910,970**

About the Project

As development on the fringes of the City occurs, private developers design and install water infrastructure to serve their specific project. When the City anticipates additional capacity is desired to serve water needs above and



beyond that which is related to the proposed development, the Utility may require a larger water pipeline to be installed by the Developer. The Utility reimburses the Developer for these increased costs through the Extension and Oversizing program.

Funding Sources

Revenue	Water Fund	System Impact Fee	Total
2014	\$0	\$75,000	\$75,000
2015	\$0	\$78,190	\$78,190
2016	\$0	\$81,510	\$81,510
2017	\$0	\$84,970	\$84,970
2018	\$0	\$88,590	\$88,590
2019	\$0	\$92,350	\$92,350
2020	\$0	\$96,280	\$96,280
2021	\$0	\$100,370	\$100,370
2022	\$0	\$104,630	\$104,630
2023	\$0	\$109,080	\$109,080
Total	\$0	\$910,970	\$910,970

Project Cost Estimates by Year

Elements	Planning	Construction	Total
2014	\$0	\$75,000	\$75,000
2015	\$0	\$78,190	\$78,190
2016	\$0	\$81,510	\$81,510
2017	\$0	\$84,970	\$84,970
2018	\$0	\$88,590	\$88,590
2019	\$0	\$92,350	\$92,350
2020	\$0	\$96,280	\$96,280
2021	\$0	\$100,370	\$100,370
2022	\$0	\$104,630	\$104,630
2023	\$0	\$109,080	\$109,080
Total	\$0	\$910,970	\$910,970

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operating impact negligible.

Morning Dr. Alternate 30" Water Line

Department:
Water & Power

Division:
Water

Project Manager:
Tanner Randall

Phone Number:
970.962.3715

Email:
Tanner.Randall@
cityofloveland.org

Project Category:
Planning/Construction

Project Number:
NA

Duration:
2012-2020

**Total Project
Cost:
\$4,620,250**

About the Project

The northwest region of the City's water service area is currently supplied by a single 24-inch waterline installed in the 1960's. Increasing repair frequency and water demands as well as an increase in the number of water customers relying on this line necessitates a new, alternate waterline. This new waterline will ensure that City customers relying on this critical water delivery system have the supply and redundancy necessary to provide adequate service in the coming decades.



Funding Sources			
Revenue	Water Fund	System Impact Fee	Total
Prior Years	\$150,410	\$451,230	\$601,640
2019	\$67,670	\$203,000	\$270,670
2020	\$936,980	\$2,810,960	\$3,747,940
Total	\$1,155,060	\$3,465,190	\$4,620,250

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
Prior Years	\$446,640	\$155,000	\$601,640
2019	\$270,670	\$0	\$270,670
2020	\$282,170	\$3,465,770	\$3,747,940
Total	\$999,480	\$3,620,770	\$4,620,250

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2021*					
Total					

*Operating impact negligible.

Morning Drive Pump Station

Department:
Water & Power

Division:
Water

Project Manager:
Tom Greene

Phone Number:
970.962.3706

Email:
Tom.Greene@cityofloveland.org

Project Category:
Planning/Construction

Project Number:
NA

Duration:
2019-2020

**Total Project
Cost:
\$1,235,420**

About the Project

The Morning Drive Pump Station was constructed in 1976. The station delivers water to the 29th Street storage tank, which serves over a quarter of the City's customers. The equipment is aging and the pump station will require an upgrade to re-size the facilities to meet the needs of the City's growing system.



Funding Sources

Revenue	Water Fund	System Impact Fee	Total
2019	\$53,070	\$159,210	\$212,280
2020	\$255,780	\$767,360	\$1,023,140
Total	\$308,850	\$926,570	\$1,235,420

Project Cost Estimates by Year

Elements	Planning	Construction	Total
2019	\$212,280	\$0	\$212,280
2020	\$120,370	\$902,770	\$1,023,140
Total	\$332,650	\$902,770	\$1,235,420

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2021*					
Total					

*Operating impact negligible.

East Gravity Zone – 24" and 16" Lines

Department:
Water & Power

Division:
Water

Project Manager:
Tanner Randall

Phone Number:
970.962.3715

Email:
Tanner.Randall@cityofloveland.org

Project Category:
Planning/Construction

Project Number:
NA

Duration:
2017- 2021

**Total Project
Cost:
\$7,441,440**

About the Project

These pipelines will provide additional discharge piping from the Mountain View Booster Pump Station and the improvements are planned during the reconstruction of the intersection at "Boyd Lake Avenue and Eisenhower". These waterline improvements are important in ensuring that adequate system pressure can be maintained.



Funding Sources			
Revenue	Water Fund	System Impact Fee	Total
2017	\$0	\$380,120	\$380,120
2018	\$0	\$2,704,830	\$2,704,830
2019	\$0	\$3,059,890	\$3,059,890
2020	\$0	\$192,550	\$192,550
2021	\$0	\$1,104,050	\$1,104,050
Total	\$0	\$7,441,440	\$7,441,440

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2017	\$380,120	\$0	\$380,120
2018	\$696,880	\$2,007,950	\$2,704,830
2019	\$123,130	\$2,936,760	\$3,059,890
2020	\$192,550	\$0	\$192,550
2021	\$100,370	\$1,003,680	\$1,104,050
Total	\$1,493,050	\$5,948,390	\$7,441,440

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2022*					
Total					

*Operating impact negligible.

29th Street 5.0 MG Storage Tank #2

Department:
Water & Power

Division:
Water

Project Manager:
Tanner Randall

Phone Number:
970.962.3715

Email:
Tanner.Randall@cityofloveland.org

Project Category:
Planning/Construction

Project Number:
NA

Duration:
2017- 2019

**Total Project
Cost:
\$7,172,270**

About the Project

The 29th Street steel tank is one of the most utilized storage facilities supporting over a quarter of the City's water customers. The project will provide a second 5.0 million gallon storage tank at this critical location. The additional storage will offer redundancy and reliability for water customers in Northwest Loveland.



Funding Sources			
Revenue	Water Fund	System Impact Fee	Total
2018	\$240,140	\$240,140	\$480,280
2019	\$1,638,180	\$1,638,190	\$3,276,370
2020	\$1,707,810	\$1,707,810	\$3,415,620
Total	\$3,586,130	\$3,586,140	\$7,172,270

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2018	\$480,280	\$0	\$480,280
2019	\$160,530	\$3,115,840	\$3,276,370
2020	\$167,350	\$3,248,270	\$3,415,620
Total	\$808,160	\$6,364,110	\$7,172,270

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2020*					
Total					

*Operating impact negligible.

New Water Lines

12 Inch 10th St (RR Spur to Madison)

Department:
Water & Power

Division:
Water

Project Manager:
Craig Weinland

Phone Number:
970.962.3750

Email:
Graig.Weinland@cityofloveland.org

Project Category:
Construction

Project Number:
NA

Duration:
2016-2017

**Total Project
Cost:
\$433,590**

About the Project

The proposed 12-inch waterline connects an existing 12-inch waterline in 10th Street to another 12-inch line in Madison Avenue. Likewise, the proposed 16-inch waterline connects an existing 16-inch line in 50th Street to an existing 12-inch line in 57th Street. The connections will improve hydraulic capacity and will provide additional reliability for each respective area.



Funding Sources			
Revenue	Water Fund	System Impact Fee	Total
2016	\$91,770	\$30,590	\$122,360
2017	\$233,420	\$77,810	\$311,230
Total	\$325,190	\$108,400	\$433,590

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2016	\$122,360	\$0	\$122,360
2017	\$36,700	\$274,530	\$311,230
Total	\$159,060	\$274,530	\$433,590

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2018*					
Total					

*Operating impact negligible.

Southwest Booster Station

Department:
Water & Power

Division:
Water

Project Manager:
Roger Berg

Phone Number:
970.962.3711

Email:
Roger.Berg@cityofloveland.org

Project Category:
Annual Program

Project Number:
NA

Duration:
2020-2021

About the Project

The proposed Southwest Booster station is needed in the future to fill the City's South Concrete Tank, located near the intersection of S Taft Ave and 42nd St SE. The tank supports the southern portion of the City. The timing and need for the pump station will depend on growth in the southern portion of the City.



Total Project Cost:
\$2,933,210

Funding Sources			
Revenue	Water Fund	System Impact Fee	Total
2020	\$128,370	\$128,370	\$256,740
2021	\$1,338,230	\$1,338,240	\$2,676,470
Total	\$1,466,600	\$1,466,610	\$2,933,210

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2020	\$256,740	\$0	\$256,740
2021	\$0	\$2,676,470	\$2,676,470
Total	\$256,740	\$2,676,470	\$2,933,210

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2022*					
Total					

*Operating impact negligible.

Miscellaneous Transmission & Distribution Projects

Department:
Water & Power

Division:
Water

Project Manager:
Craig Weinland

Phone Number:
970.962.3750

Email:
Craig.Weinland@cityofloveland.org

Project Category:
Construction

Project Number:
NA

Duration:
2014-2023

**Total Project
Cost:
\$1,568,270**

About the Project

Projects include Water Meters and a Vulnerability Assessment



Funding Sources			
Revenue	Water Fund	System Impact Fee	Total
2014	\$175,000	\$0	\$175,000
2015	\$130,310	\$0	\$130,310
2016	\$135,850	\$0	\$135,850
2017	\$141,620	\$0	\$141,620
2018	\$147,640	\$0	\$147,640
2019	\$153,920	\$0	\$153,920
2020	\$160,460	\$0	\$160,460
2021	\$167,280	\$0	\$167,280
2022	\$174,390	\$0	\$174,390
2023	\$181,800	\$0	\$181,800
Total	\$1,568,270	\$0	\$1,568,270

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2014	\$0	\$175,000	\$175,000
2015	\$0	\$130,310	\$130,310
2016	\$0	\$135,850	\$135,850
2017	\$0	\$141,620	\$141,620
2018	\$0	\$147,640	\$147,640
2019	\$0	\$153,920	\$153,920
2020	\$0	\$160,460	\$160,460
2021	\$0	\$167,280	\$167,280
2022	\$0	\$174,390	\$174,390
2023	\$0	\$181,800	\$181,800
Total	\$0	\$1,568,270	\$1,568,270

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operating impact negligible.

2.0 MG Dakota Ridge Tank PZ2

Department:
Water & Power

Division:
Water

Project Manager:
Tom Greene

Phone Number:
970.962.3706

Email:
Tom.Greene@cityofloveland.org

Project Category:
Construction

Project Number:
NA

Duration:
2019-2020

<u>About the Project</u>					
<p>A 2.0 MG storage tank is needed to meet future demands in the P2 Zone. The timing of the tank is estimated based on the proposed development in the area. The storage will allow the proposed 29th Street pump station P2 expansion to operate more efficiently rather than having existing pumps running continuously.</p>					
					
<u>Funding Sources</u>					
Revenue	Water Fund	System Impact Fee	Total		
2019	\$36,940	\$147,760	\$184,700		
2020	\$937,090	\$3,748,340	\$4,685,430		
Total	\$974,030	\$3,896,100	\$4,870,130		
<u>Project Cost Estimates by Year</u>					
Elements	Planning	Construction	Total		
2019	\$184,700	\$0	\$184,700		
2020	\$192,550	\$4,492,880	\$4,685,430		
Total	\$377,250	\$4,492,880	\$4,870,130		
<u>Estimated Initial Operations Impact</u>					
	Personnel	Supplies	Purchased Services	Total	FTE
2021*					
Total					

*Operating impact negligible.

**Total Project
Cost:
\$4,870,130**

16" in Granite (57th to 50th)

Department:
Water and Power

Division:
Water

Project Manager:
Tanner Randall

Phone Number:
970.962.3715

Email:
Tanner.Randall@cityofloveland.org

Project Category:
Construction

Project Number:

Duration:
2017-2018

**Total Project
Cost:
\$453,250**

About the Project

The 16" waterline will provide a valuable link between the gravity pressure zone and P1. The waterline will ensure adequate pressure and flow to customers in North Loveland.



Funding Sources				
Revenue	Water Fund	System Impact Fee	Total	
2017	\$0	\$93,890	\$93,890	\$93,890
2018	\$0	\$359,360	\$359,360	\$359,360
Total	\$0	\$453,250	\$453,250	

Project Cost Estimates by Year				
Elements	Planning	Construction	Total	
2017	\$93,890	\$0	\$93,890	\$93,890
2018	\$66,550	\$292,810	\$359,360	\$359,360
Total	\$160,440	\$292,810	\$453,250	

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2019*					
Total					

*Operating impact negligible.

3.5 MG 43rd St

Tank #2

Department:
Water and Power

Division:
Water

Project Manager:
Tanner Randall

Phone Number:
970.962.3715

Email:
Tanner.Randall@cityofloveland.org

Project Category:
Construction

Project Number:

Duration:
2023

**Total Project
Cost:
\$401,760**

About the Project

A tank will be designed and constructed to provide reliable water service and pressure to existing pressure zone 1.



Funding Sources

Revenue	Water Fund	System Impact Fee	Total
2023	\$80,350	\$321,410	\$401,760
Total	\$80,350	\$321,410	\$401,760

Project Cost Estimates by Year

Elements	Planning	Construction	Total
2023	\$401,760	\$0	\$401,760
Total	\$401,760	\$0	\$401,760

Estimated Initial Operations Impact

	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
Total					

*Operating impact negligible.

Water Treatment Plant Projects

Department:
Water & Power

Division:
Water

Project Manager:
John McGee

Phone Number:
970.962.3760

Email:
John.McGee@cityofloveland.org

Project Category:
Planning/Construction

Project Number:
NA

Duration:
2013-2016

Total Project Cost:
\$1,029,050

About the Project

There are a variety of Water Treatment Plant projects planned to improve and expand for plant treatment operations and create higher system reliability and efficiency.



Funding Sources			
Revenue	Water Fund	System Impact Fee	Total
Prior Years	\$474,800	\$450,000	\$924,800
2014	\$0	\$0	\$0
2015	\$104,250	\$0	\$104,250
Total	\$579,050	\$450,000	\$1,029,050

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
Prior Years	\$24,800	\$900,000	\$924,800
2014	\$0	\$0	\$0
2015	\$0	\$104,250	\$104,250
Total	\$24,800	\$1,004,250	\$1,029,050

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016*					
Total					

*Operating impact negligible.

Water Treatment Plant Expansion

Department:
Water & Power

Division:
Water

Project Manager:
Roger Berg

Phone Number:
970.962.3711

Email:
Roger.Berg@cityofloveland.org

Project Category:
Planning/Construction

Project Number:
W1300D

Duration:
2013-2015

**Total Project
Cost:
\$19,428,780**

About the Project

Beginning 2013, the 94 year old Filter Plant #1 building will be demolished and a new 8 MGD filter building will be constructed in its place. The project will expand the filtration capacity of the WTP to 8 MGD and will provide greater redundancy and level of service for the City customers.



Funding Sources			
Revenue	Water Fund	System Impact Fee	Total
Prior Years	\$299,200	\$299,200	\$598,400
2014	\$3,800,000	\$5,700,000	\$9,500,000
2015	\$3,732,150	\$5,598,230	\$9,330,380
Total	\$7,831,350	\$11,597,430	\$19,428,780

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
Prior Years	\$598,400	\$0	\$598,400
2014	\$750,000	\$8,750,000	\$9,500,000
2015	\$781,880	\$8,548,500	\$9,330,380
Total	\$2,130,280	\$17,298,500	\$19,428,780

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016*					
Total					

*Operating impact negligible.



June 11, 2013

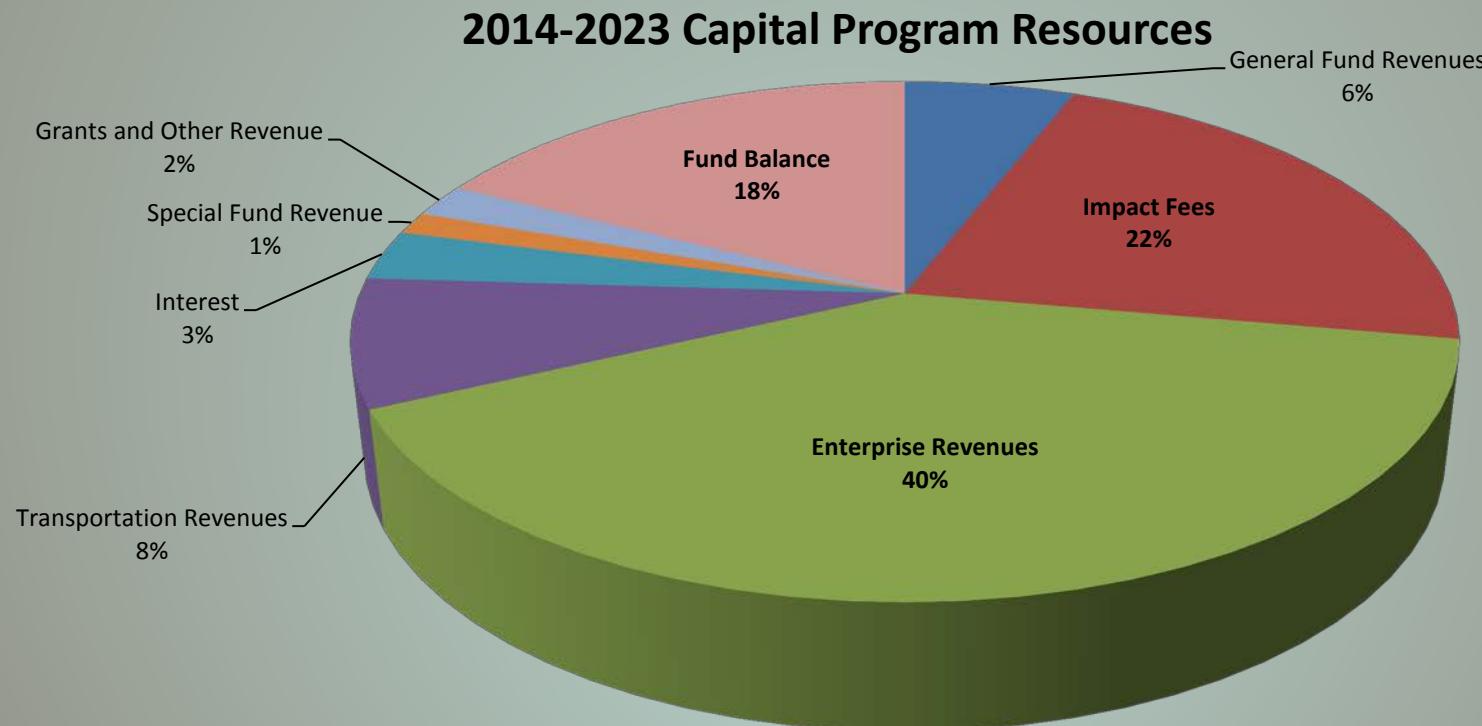
2014-2023 Capital Program Study Session

2014-2023 Capital Program

TEN YEAR VIEW

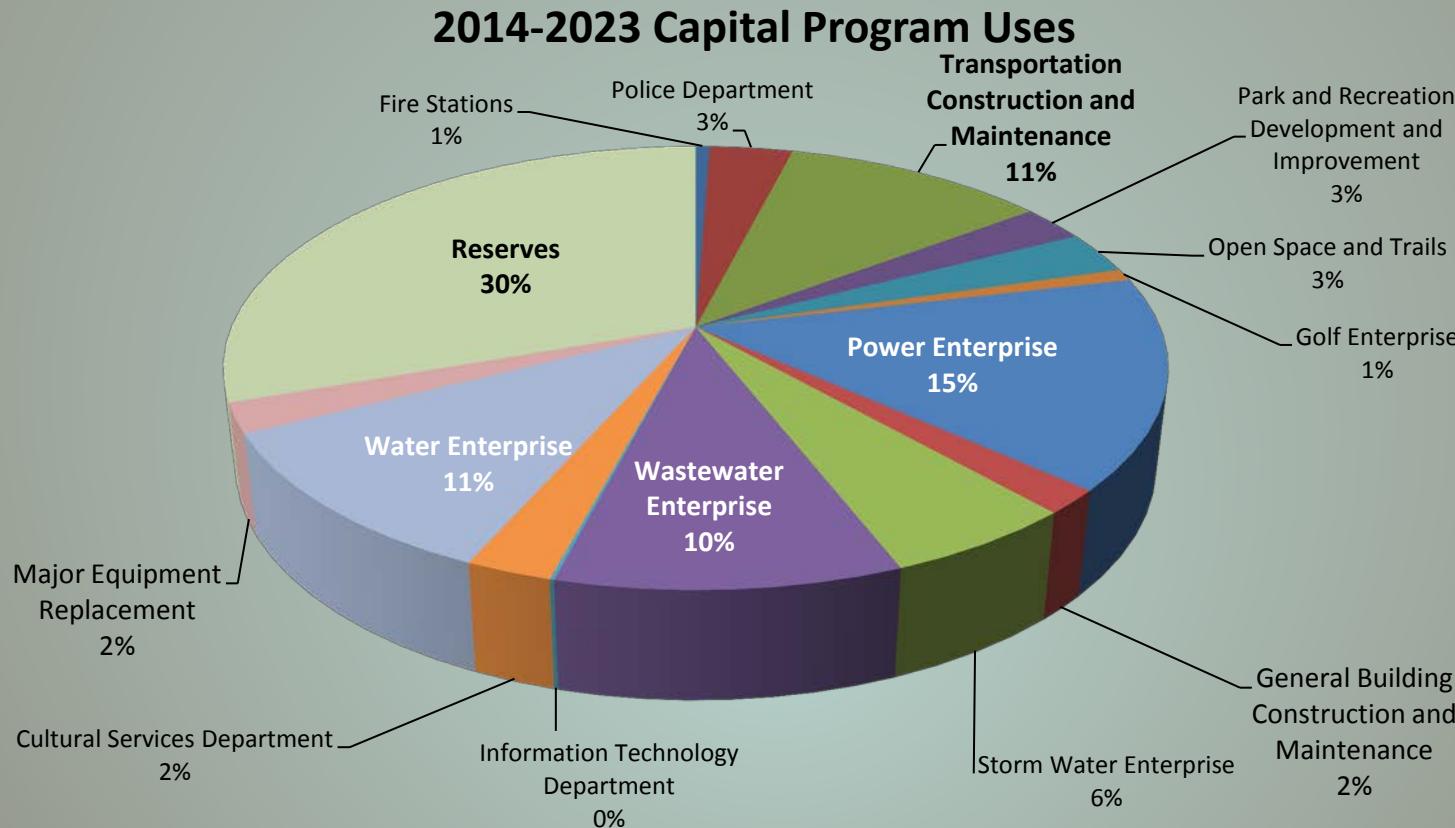
Projected Resources

Total Resources of \$620.6 Million over ten –years



Projected Uses

Total Projects of \$432.0 Million over ten years
Reserves of \$188.6 million



Power Enterprise Major Projects

P. 157

1. System Improvement Program	\$13.4 million
2. 200 Amp Cable Replacements	\$12.0 million
3. Customer Aid to Construction	\$10.7 million
4. New Southeast Substation	\$7.0 million
5. Hydro Generation	\$6.5 million
6. Highway 402 Feeder Extension	\$5.5 million
7. Undergrounding	\$5.4 million
8. Canyon Conversion	\$5.0 million
9. Feeder Extension Program	\$5.0 million

Water Major Projects

1. Water Treatment Plant Exp.	\$18.8 million
2. Water Line Replacement	\$18.6 million
3. East Gravity zone 24" & 16" lines	\$7.4 million
4. 29 th Street Storage Tank #2	\$7.2 million
5. Dakota Ridge Storage Tank	\$4.9 million
6. Morning Drive	\$4.0 million

Transportation Programs

1. Street Rehabilitation	\$49.5 million
2. New Construction	\$17.1 million
a. On-Going Projects	\$7.8 million
b. Reimbursement Projects	\$3.1 million
c. Boise Avenue	\$2.6 million
d. Miscellaneous Projects	\$1.4 million
e. Madison Avenue	\$1.3 million
f. Taft Avenue	\$0.9 million

Wastewater Major Projects

1. Solids Stabilization Capacity \$11.1 million
2. Digested Sludge Dewatering \$7.2 million
3. Nutrient Treatment Facilities \$6.4 million
4. Boyd Interceptor Projects \$5.7 million
5. Organic Capacity Expansion \$5.0 million
6. Hwy. 402 Main Extension \$5.0 million

Other Significant Projects

1. Police Training Facility	\$18.1 million
2. Open Lands	\$16.2 million
3. Museum Expansion	\$15.5 million
4. Garfield & Harrison Outfall	\$11.7 million
5. South Loveland Outfall	\$7.9 million
6. Storm Water Maintenance	\$4.5 million
7. New Neighborhood Parks	\$4.0 million
8. Downtown Improvements	\$3.6 million
9. Loveland Sports Park Exp.	\$3.3 million
10. New Spray Park	\$3.3 million



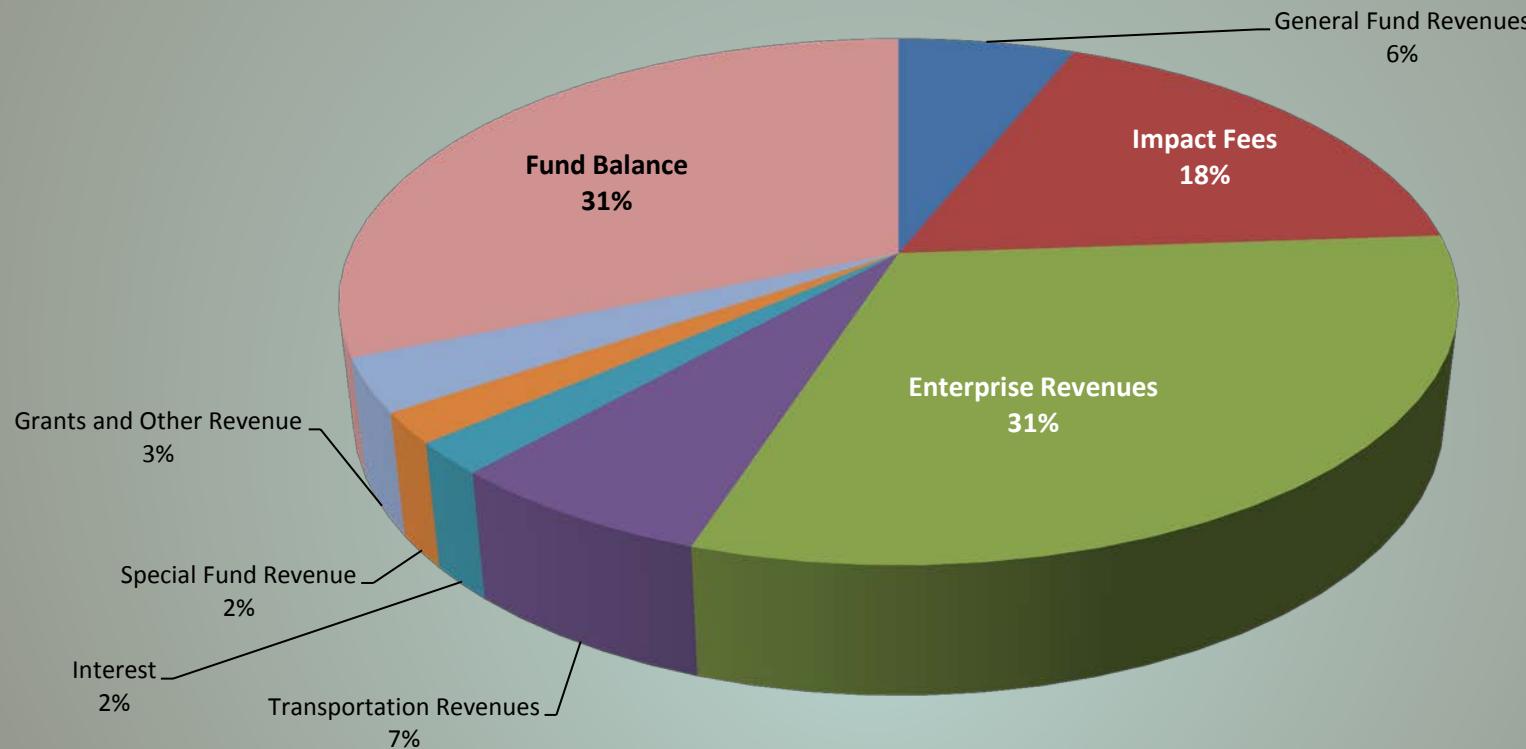
2014-2023 Capital Program

FIVE YEAR VIEW



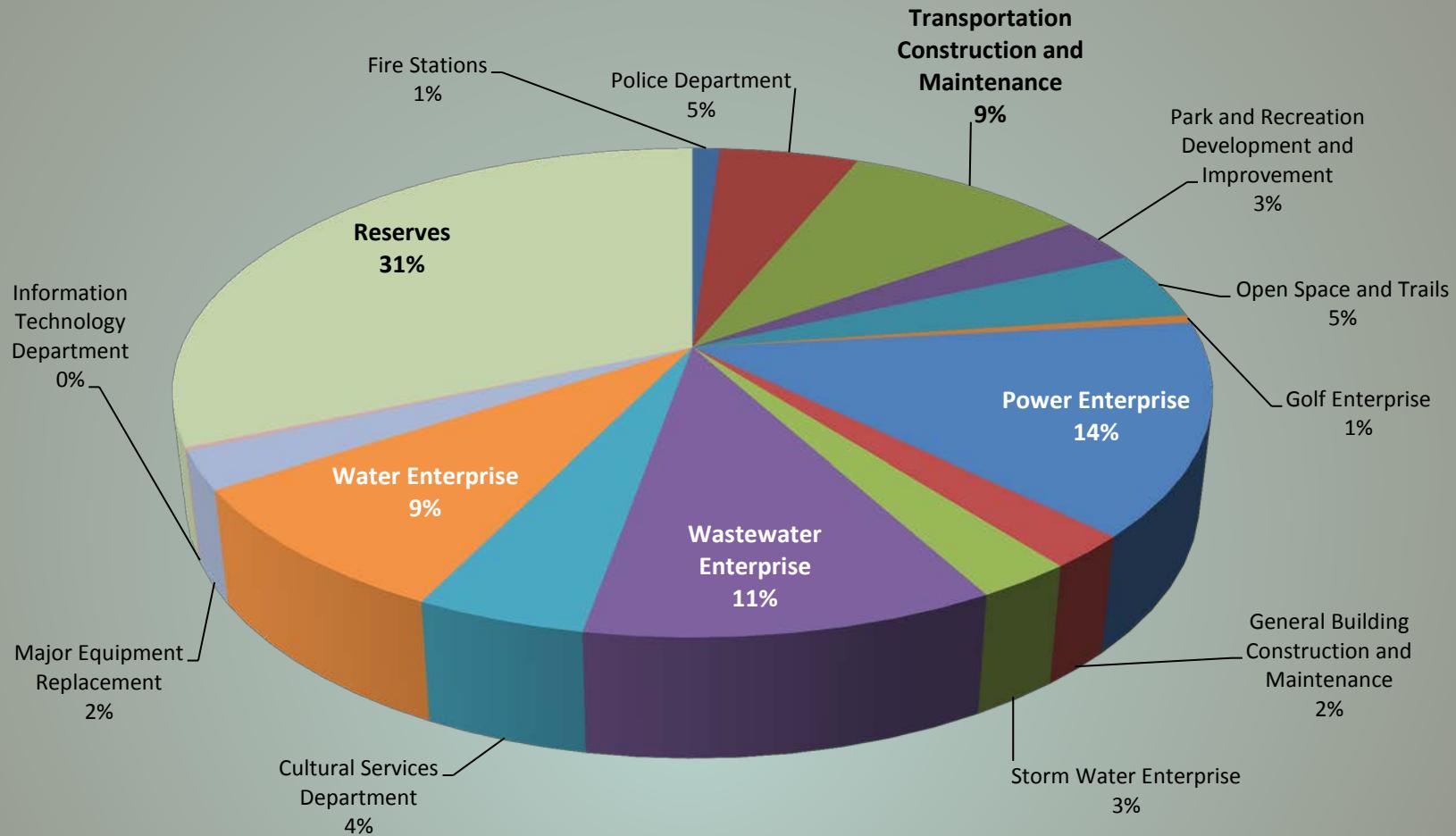
Projected Resources

2014-2018 Capital Program Resources



Projected Uses

2014-2018 Capital Program Uses



Power Enterprise Major

Projects

1. Hydro Generation	\$6.5 million
2. System Imp. Program	\$5.9 million
3. Highway 402 Feeder Extension	\$5.5 million
4. Customer Aid to Construction	\$4.7 million
5. 200 Amp Cable Replacements	\$3.8 million
6. Valley Substation	\$2.9 million
7. Canyon Conversion	\$2.8 million

Wastewater Major Projects

1. Solids Stabilization Capacity \$11.1 million
2. Nutrient Treatment Facilities \$6.4 million
3. Organic Capacity Expansion \$5.0 million
4. Hwy. 402 Main Extension \$5.0 million

Transportation Programs

1. Street Rehabilitation	\$22.9 million
2. New Construction	\$8.0 million
a. On-going Projects	\$4.0 million
b. Reimbursement Projects	\$1.5 million
c. Boise Avenue	\$1.0 million
d. Taft Avenue	\$0.9 million
e. Miscellaneous Projects	\$0.6 million

Water Major Projects

1. Water Treatment Plant Exp. \$18.8 million
2. Water Line Replacement \$5.6 million
3. East Gravity Zone 24" & 16" lines \$3.1 million

Other Significant Projects

1. Museum Expansion	\$15.5 million
2. Police Training Facility	\$14.9 million
3. Open Lands	\$13.7 million
4. Downtown Improvements	\$3.6 million
5. Loveland Sports Park Exp.	\$3.3 million
6. New Spray Park	\$3.3 million
7. Records Management System	\$3.0 million
8. Facility Maintenance Projects	\$2.9 million
9. Storm Water Maintenance	\$2.5 million

Significant Issues

- New Colorado Department of Public Health and Environment (CDPHE) Regulations and current organic loadings will require significant improvements to the Wastewater Treatment Plant.
- Three projects that will need to occur through 2017 are:
 1. Upgrades to the Nutrient Removal Facilities \$6.36 million
 2. Increased Solids Stabilization Capacity \$11.08 million
 3. Increased Organic Treatment Capacity \$5.03 million
- This, in combination with the other required projects, will result in the Enterprise being short funding of \$7 million in 2017 and will remain with negative fund balance of about \$2.5 million through 2019.

Issues

- Museum Expansion Project moved back 3 years to 2016-2017.
- Cultural Services CEF revenues not sufficient to fund the \$15.5 million project.
- \$10 million in outside resources are required.
- Reason for inclusion: to attract contributions.
- Recommended funding is 21% Cultural Services CEF, 14% General Government CEF, 64% outside resources.
- Tied to operating funding – potential Science and Cultural Facilities District.

Issues

- The Police CEFs projected revenues will not cover the \$18.1 million project.
- Project to be built in 3 Phases.
- Recommended funding is 40% Police CEF, 37% TABOR Revenue Reserve and 23% General Fund Undesignated Fund balance

Capital Program Study Session

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Questions