




**CITY OF LOVELAND**

BUDGET OFFICE

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**AGENDA ITEM:** 1  
**MEETING DATE:** 6/10/2014  
**TO:** City Council  
**FROM:** Brent Worthington, Finance Department  
**PRESENTER:** John Hartman, Budget Officer

**TITLE:**

Presentation and Discussion of the Recommended 2015-2024 Capital Program

**SUMMARY:**

The Capital Program is part of the 2015 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.

**BACKGROUND:**

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 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 will be 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, 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 \$509.1 million in spending. Capital reserves available at the end of the program are estimated to be \$148.8 million. Reserve balances will depend on actual revenue collections through this time period. The largest revenue source for the capital program is revenue generated by Enterprise rates and fees. The other major source of funding at \$59.3 million is Capital Expansion Fees (CEF). Actual revenue will be dependent on the rate of growth within the City and CEF rates to be charged as a result of the CEF Study near completion.

Projects included in the Capital Program include:

- \$128.7 million in improvements to power lines and construction of new substations;
- \$83.8 million in water line replacements, new water storage tanks and the expansion of the Water Treatment Plant;
- 71.3 million in wastewater line improvements and expansion of the Wastewater Treatment plant to meet new regulatory standards and capacity to meet future growth;
- \$51.0 million for the Street Rehabilitation Program;
- \$36.7 million in Storm Water system improvements;
- \$29.9 million for the construction of a new reservoir and the purchase of additional water to meet future growth;
- \$25.9 million for park improvements, new neighborhood and community parks, expansion of existing parks and a new outdoor Aquatic Facility;
- \$20.6 million in new street construction;
- \$14.8 million for additional Open Space;
- \$11.7 million for the construction of the Police Training Facility;
- \$10 million for the expansion of the Museum, depending on private contributions of nearly \$4 million. No construction will begin until the entire private contribution has been received;
- \$6.3 million for major facility maintenance projects;
- \$4.6 million for expansion of the Recreational Trail;
- \$4.6 million in Golf Course improvements, equipment and the construction of a new Clubhouse at the Olde Course.

## **POLICY ISSUES**

The expansion of the Wastewater Treatment Plant is required to meet regulations from the State on nutrients and organics returned to the stream and capacity due to growth, in order to renew our permit. Failure to meet the regulatory requirements may result in a moratorium on growth since we will be unable to meet the Adequate Facilities Ordinance. The total cost of the project is over \$25 million. Staff has studied three different alternatives in timing the project components.

The first is to do the entire project in 2015-2017. This would be the most cost effective method to construct the facility. To fund this alternative would require debt of \$20 million from either revenue bonds or loans in 2015.

The second alternative would phase the project to expand capacity in 2016 and 2017, add a first phase to handle the organics and nutrients in 2017 and 2018 and finish the expansion to full build out in 2021. Funding for the project will require \$13.3 million in revenue bonds or loans.

The third alternative was to move the project out with half of the expansion in 2018 and 2019 and the rest of the project in 2021. Funding for the project would require debt of \$10 million in

2017. This alternative carries the greatest risk, since growth may outpace current estimates, increasing the chance of a moratorium on building projects.

Staff is recommending the second alternative. While it is not as cost-effective as the first alternative and has slightly more risk of meeting growth limits, it reduces the amount of debt required and allows ongoing revenue to cover a greater proportion of the project.

The staff is near completion of a study for new methods of determining CEF fee rates. Significant changes to the rates from what is currently being charged may change the amount of revenue collected depending on the amount of growth that follows the changes. If the fees are significantly reduced or individual fees eliminated and growth remains at the slow rate currently being experienced, the Capital Program will need adjusted by moving more projects out in time. Lower fees accompanied by a strong growth rate may not impact the revenue projections in the short term.

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**REVIEWED BY CITY MANAGER:**



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**LIST OF ATTACHMENTS:**

1. Capital Program Book Pages
2. 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 2015-2024 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 2015 Recommended Budget, which will be adopted in October. Projects included in the “out-years” (2016–2024) 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.

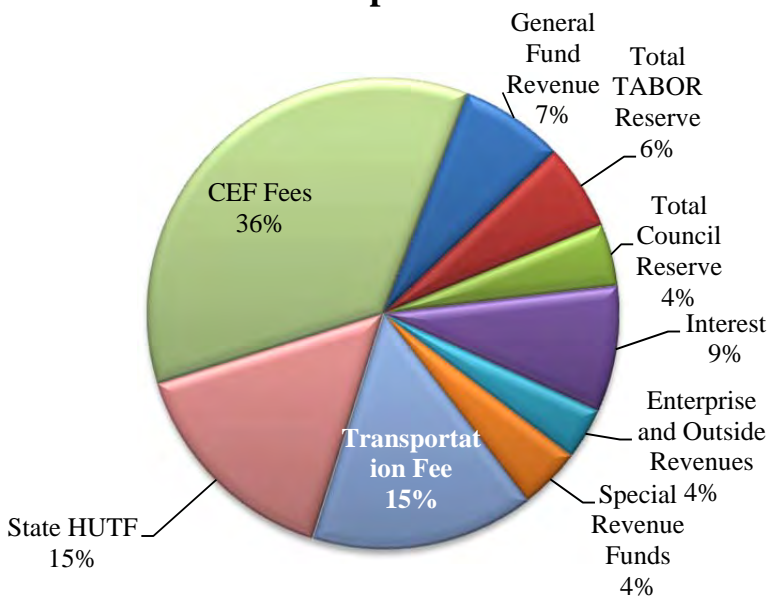
## **General Fund Agencies**

The 2015-2024 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

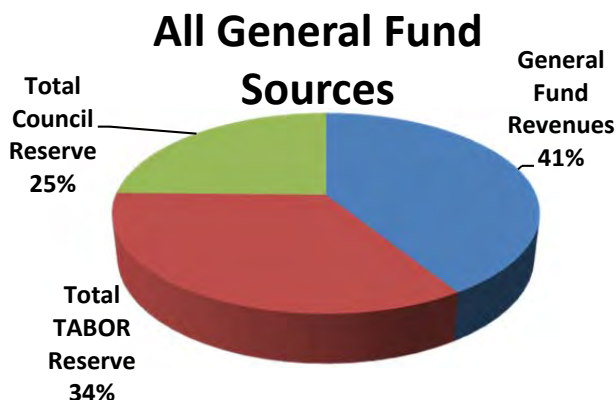
CEFs are a major funding component at 36% of the total program. These are fees on development paid to the City to fund the infrastructure required to maintain service levels in the City as it grows. The City has ten different CEF fees, with one for each major service area. These are a Cultural Services 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. The decline in building activity has significantly reduced CEF collections in the past four years, and, due to the recession, a recovery to the levels experienced in 2004-

**2015-2024 Capital Resources**



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.



Within the Transportation Fund the most significant revenue is the Transportation Fee charged to all households and businesses. This fee is collected to partially fund the Street 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. These two sources are 30% of the total revenue for General Fund Agencies 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.

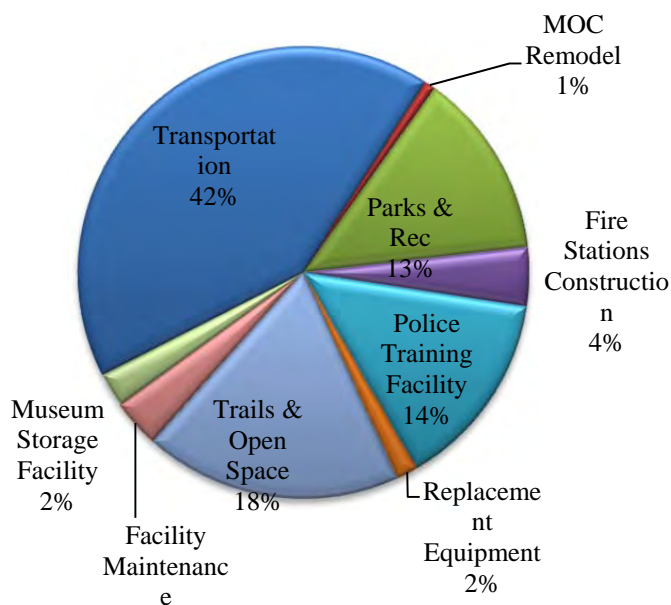
The other major source of funding for the Capital Program, at 17%, is from General Fund resources, which include General Fund tax revenue or fund balance, the TABOR reserve and the Council Capital Reserve. The availability of General Fund resources is linked to the Financial Master Plan, which programs both capital and operating funding related to capital projects.

**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.

All Building Project costs in 2015 are in current dollars. Park project costs are in current dollars throughout the plan. Changes in scope may need

**2015-2019 Capital Program**



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***

- **Trail Construction** – \$2.6 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** – \$12.6 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** – \$10.4 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** – \$23.6 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 Storage Facility** – A 12,000 square foot building purchase is programmed at \$2.4 million. The funding source is Cultural Services CEFs.
- **Police Training Facility** – A new training facility is programmed in three phases over the five year program at \$11.7 million, include a shooting range and driving track and classroom space. The project will be in partnership with the City of Ft. Collins for total project costs of about \$23 million.
- **Loveland Sports Park Phase II** – Development of the next phase of the Loveland Sports Park is scheduled for 2017-2018 at a cost of \$3.0 million. The funding sources are Park CEFs and Recreation CEFs.
- **New Aquatic Facility** – \$3.25 million is programmed in 2015 and 2016. There is a continued demand for outdoor aquatics amenities as Winona Pool is at capacity on many summer days.

#### ***New & Replacement Equipment***

- **Fire Apparatus Replacement** – \$1.3 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.

The program has been developed based on the rate structure approved in the 2014 Budget 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:

- \$16.8 million is allocated for projects to improve and expand the treatment plant operations and improve reliability.
- \$8.4 million is allocated over the planning period for water line replacements
- \$3.7 million for the construction of a second Water Storage Tank at 29<sup>th</sup> Street.

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:

- \$24.3 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.
- \$2.1 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:

- \$28.0 million for treatment plant expansion and improvements to meet new state and federal regulatory guidelines.
- \$5.8 million is allocated for Boyd Lake interceptor projects to handle planned growth in the northwest part of the City.
- \$2.8 million is included for the construction of a new laboratory building.
- \$2.2 million is planned for sewer line rehabilitation projects and corrosion control.
- \$1.6 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.

## 2015-2024 All Funds Recommended Capital Program

	2015	2016	2017	2018	2019	Five Year Total
Capital Projects Fund	2,777,580	5,324,650	7,964,760	1,093,840	614,540	17,775,370
Golf Enterprise	727,830	809,570	737,820	409,030	255,860	2,940,110
Power Enterprise	9,430,270	11,385,410	9,311,380	11,853,370	12,924,790	54,905,220
Water Enterprise	14,587,180	6,884,170	2,058,270	2,013,650	7,563,300	33,106,570
Wastewater Enterprise	6,132,600	13,027,630	15,509,680	3,431,090	4,549,140	42,650,140
Raw Water Enterprise	1,200,000	1,466,840	22,699,790	566,500	590,570	26,523,700
Storm Water Enterprise	1,238,000	2,062,000	1,388,400	2,077,000	2,997,500	9,762,900
Parks CEF Fund	300,000	-	300,000	3,050,000	700,000	4,350,000
Recreation CEF Fund	250,000	3,000,000	-	-	-	3,250,000
Open Space CEF Fund	-	-	-	2,718,520	-	2,718,520
Recreation Trails CEF Fund	830,330	325,190	475,230	113,280	200,000	1,944,030
Fire CEF Fund	-	-	-	3,479,500	-	3,479,500
Cultural Services CEF Fund	-	2,400,000	-	-	-	2,400,000
Conservation Trust Fund	113,770	-	716,910	500,000	-	1,330,680
Park Improvement Fund	300,000	310,000	100,000	800,000	-	1,510,000
Open Lands Tax Fund	4,670,000	2,851,000	1,575,000	456,480	290,000	9,842,480
Transportation Fund	6,947,780	6,533,170	7,058,670	6,892,290	6,898,160	34,330,070
<b>Total Expense</b>	<b>\$ 49,505,340</b>	<b>\$ 56,379,630</b>	<b>\$ 69,895,910</b>	<b>\$ 39,454,550</b>	<b>\$ 37,583,860</b>	<b>\$ 252,819,290</b>

<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Ten Year Total</b>
636,070	1,419,320	681,430	705,280	13,709,510	34,926,980
195,520	209,730	630,410	573,460	2,597,000	7,146,230
12,739,030	14,797,060	18,040,670	13,375,800	14,910,580	128,768,360
15,135,950	11,348,900	11,544,840	6,483,990	6,199,400	83,819,650
3,957,030	4,508,100	8,970,410	1,220,130	5,194,720	66,500,530
615,670	641,840	669,120	697,560	727,200	29,875,090
2,581,000	6,873,000	6,910,000	3,444,000	7,148,000	36,718,900
1,750,000	1,500,000	1,200,000	1,450,000	9,000,000	19,250,000
-	-	-	-	-	3,250,000
642,660	-	500,000	400,000	347,330	4,608,510
225,000	200,000	225,000	222,910	200,000	3,016,940
-	-	-	-	-	3,479,500
-	-	-	2,290,500	-	4,690,500
-	500,000	-	402,090	-	2,232,770
100,000	200,000	-	200,000	-	2,010,000
100,590	225,000	10,000	70,000	72,670	10,320,740
7,132,400	7,379,650	7,497,540	7,638,720	7,912,820	71,891,200
<b>\$ 45,810,920</b>	<b>\$ 49,802,600</b>	<b>\$ 56,879,420</b>	<b>\$ 39,174,440</b>	<b>\$ 68,019,230</b>	<b>512,505,900</b>

2015-2024 General Fund Agencies Recommended Capital Program

	2015	2016	2017	2018	2019	Five Year Total
<b>Revenue</b>						
<b>Beginning Balance</b>	\$ 48,968,550	\$ 49,221,445	\$ 43,109,350	\$ 41,693,475	\$ 39,694,815	\$ 48,968,550
General Fund	1,877,580	1,424,650	2,650,700	1,093,840	614,540	7,661,310
TABOR	1,631,800	-	-	-	-	1,631,800
Council Reserve	292,155	379,145	1,415,585	1,580,760	1,672,900	5,340,545
Transportation Fee	2,224,840	2,291,590	2,360,340	2,431,150	2,504,080	11,812,000
CEF	5,942,180	6,094,920	5,810,340	5,468,930	5,615,730	28,932,100
Interest	755,270	850,040	843,110	1,017,460	1,062,140	4,528,020
HUTF Allocated to Street Rehabilitation	2,224,840	2,291,580	2,360,330	2,431,140	2,504,080	11,811,970
Conservation Trust	297,370	290,280	282,940	275,340	271,040	1,416,970
Open Lands Tax	943,620	956,950	998,540	1,014,010	-	3,913,120
Park Improvement	52,700	52,760	52,810	52,870	52,930	264,070
Outside Revenue	200,000	-	-	1,739,750	-	1,939,750
<b>Total Resources</b>	\$ 65,410,905	\$ 63,853,360	\$ 59,884,045	\$ 58,798,725	\$ 53,992,255	\$ 128,220,205
<b>Expense</b>						
<b>Infrastructure</b>						
Recreation Trail	944,100	325,190	1,092,140	113,280	200,000	2,674,710
Open Lands Acquisition	4,670,000	2,851,000	1,575,000	3,175,000	290,000	12,561,000
Street Rehabilitation	4,449,680	4,583,170	4,720,670	4,862,290	5,008,160	23,623,970
Transportation Program	2,398,100	1,850,000	2,238,000	2,030,000	1,890,000	10,406,100
Facility Maintenance Major Building Maintenance	455,610	444,350	573,760	593,840	440,740	2,508,300
Facility Maintenance Roof Replacement	80,000	110,000	-	-	173,800	363,800
Bridge Replacement Program	100,000	100,000	100,000	-	-	300,000
Police Training Facility	1,000,000	4,000,000	6,720,000	-	-	11,720,000
Park Improvements Projects	300,000	310,000	100,000	300,000	-	1,010,000
New Neighborhood Parks	300,000	-	-	-	300,000	600,000
Outdoor Aquatic Facility	250,000	3,000,000	-	-	-	3,250,000
Maintenance Operations Center Remodel	635,730	-	-	-	-	635,730
Cemetery Buildings	-	118,000	471,000	-	-	589,000
Museum Storage Building	-	2,400,000	-	-	-	2,400,000
Loveland Sports Park	-	-	300,000	2,700,000	-	3,000,000
North Lake Park Improvements	-	-	100,000	1,000,000	-	1,100,000
Park ADA Transition Plan	-	-	200,000	-	-	200,000
Fairgrounds Park/Barnes Softball Complex	-	-	-	100,000	400,000	500,000
Construct New Fire Station 10 for W Service	-	-	-	3,479,500	-	3,479,500
Junior Achievement Park	-	-	-	750,000	-	750,000
Kroh Park	-	-	-	-	-	-
New Community Park	-	-	-	-	-	-
Museum Expansion	-	-	-	-	-	-
<b>Subtotal Infrastructure</b>	\$ 15,583,220	\$ 20,091,710	\$ 18,190,570	\$ 19,103,910	\$ 8,702,700	\$ 81,672,110
<b>New &amp; Replacement Equipment</b>						
Replace Fire Apparatus	606,240	652,300	-	-	-	1,258,540
Public Works Heavy Equipment Replacement	-	-	-	-	-	-
<b>Subtotal Equipment</b>	\$ 606,240	\$ 652,300	\$ -	\$ -	\$ -	\$ 1,258,540
<b>Total</b>	\$ 16,189,460	\$ 20,744,010	\$ 18,190,570	\$ 19,103,910	\$ 8,702,700	\$ 82,930,650
<b>Reserve for Future Capital Projects</b>	\$ 49,221,445	\$ 43,109,350	\$ 41,693,475	\$ 39,694,815	\$ 45,289,555	\$ 45,289,555

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.

	2020	2021	2022	2023	2024	Ten Year Total
\$	45,289,555	\$ 49,735,055	\$ 54,832,895	\$ 61,211,465	\$ 65,017,765	\$ 48,968,550
	636,070	1,419,320	681,430	705,280	730,010	11,833,420
	-	-	-	-	-	1,631,800
	1,770,440	1,873,720	1,983,060	2,098,830	2,221,410	15,288,005
	2,579,200	2,656,580	2,736,270	2,818,360	2,902,910	25,505,320
	5,766,510	5,921,380	6,080,480	6,243,900	6,411,780	59,356,150
	1,384,840	1,686,570	1,975,940	2,210,870	2,315,120	14,101,360
	2,579,200	2,656,570	2,736,270	2,818,360	2,902,910	25,505,280
	263,030	254,740	246,160	237,270	228,080	2,646,250
	-	-	-	-	-	3,913,120
	52,930	52,930	52,930	52,930	52,930	528,720
	-	-	-	-	10,000,000	11,939,750
\$	60,321,775	\$ 66,256,865	\$ 71,325,435	\$ 78,397,265	\$ 92,782,915	\$ 221,217,725
	225,000	700,000	225,000	625,000	200,000	4,649,710
	642,660	225,000	510,000	470,000	420,000	14,828,660
	5,158,400	5,313,150	5,472,540	5,636,720	5,805,820	51,010,600
	1,974,000	2,066,500	2,025,000	2,002,000	2,107,000	20,580,600
	636,070	658,320	651,430	705,280	680,010	5,839,410
	-	-	30,000	-	50,000	443,800
	-	-	-	-	-	300,000
	-	-	-	-	-	11,720,000
	100,000	200,000	-	200,000	-	1,510,000
	1,450,000	-	1,200,000	1,450,000	-	4,700,000
	-	-	-	-	-	3,250,000
	-	-	-	-	-	635,730
	-	-	-	-	-	589,000
	-	-	-	-	-	2,400,000
	-	-	-	-	-	3,000,000
	-	-	-	-	-	1,100,000
	-	-	-	-	-	200,000
	-	-	-	-	-	500,000
	-	-	-	-	-	3,479,500
	-	-	-	-	-	750,000
	400,590	1,500,000	-	-	-	1,900,590
	-	-	-	-	9,000,000	9,000,000
	-	-	-	2,290,500	12,979,500	15,270,000
\$	10,586,720	\$ 10,662,970	\$ 10,113,970	\$ 13,379,500	\$ 31,242,330	\$ 157,657,600
	-	-	-	-	-	1,258,540
	-	761,000	-	-	-	761,000
\$	-	\$ 761,000	\$ -	\$ -	\$ -	2,019,540
\$	10,586,720	\$ 11,423,970	\$ 10,113,970	\$ 13,379,500	\$ 31,242,330	\$ 159,677,140
	-	-	-	-	-	-
\$	49,735,055	\$ 54,832,895	\$ 61,211,465	\$ 65,017,765	\$ 61,540,585	\$ 61,540,585

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	-	8,189,960	3,014,790	-	2,326,880	2,262,140	3,967,480	1,354,810	1,057,070
Current Year	1,877,580	1,631,800	1,293,100	-	1,273,060	1,203,250	569,960	283,180	172,790
Interest on Beginning Balance	-	-	-	-	46,540	45,240	79,350	27,100	21,140
HUTF Revenue Allocated To Street Maintenance	-	-	-	2,224,840	-	-	-	-	-
Transportation Fee	-	-	-	2,224,840	-	-	-	-	-
Internal Loan Repayment	-	-	(1,000,945)	-	-	-	400,380	-	-
<b>Total Resources</b>	<b>\$ 1,877,580</b>	<b>\$ 9,821,760</b>	<b>\$ 3,306,945</b>	<b>\$ 4,449,680</b>	<b>\$ 3,646,480</b>	<b>\$ 3,510,630</b>	<b>\$ 5,017,170</b>	<b>\$ 1,665,090</b>	<b>\$ 1,251,000</b>

**Project Requests 2015**

Refurbish Smeal Truck for Reserve	606,240	-	-	-	-	-	-	-	-
Neighborhood Parks	-	-	-	-	-	300,000	-	-	-
Recreation Trail	-	-	-	-	-	-	-	-	830,330
Open Lands Acquisition	-	-	-	-	-	-	-	-	-
Parks Improvement Projects	-	-	-	-	-	-	-	-	-
Outdoor Aquatic Facility	-	-	-	-	-	-	250,000	-	-
Police Training Facility Design	-	-	-	-	-	-	-	-	-
Maintenance Operations Center Remodel	635,730	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	455,610	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	80,000	-	-	-	-	-	-	-	-
Transportation Program	-	571,100	-	-	1,627,000	-	-	-	-
Bridge Replacement Program	100,000	-	-	-	-	-	-	-	-
Street Maintenance	-	-	-	4,449,680	-	-	-	-	-
<b>Total 2015 Project Costs</b>	<b>\$ 1,877,580</b>	<b>\$ 571,100</b>	<b>\$ -</b>	<b>\$ 4,449,680</b>	<b>\$ 1,627,000</b>	<b>\$ 300,000</b>	<b>\$ 250,000</b>	<b>\$ -</b>	<b>\$ 830,330</b>
<b>2015 Ending Balance</b>	<b>\$ -</b>	<b>\$ 9,250,660</b>	<b>\$ 3,306,945</b>	<b>\$ -</b>	<b>\$ 2,019,480</b>	<b>\$ 3,210,630</b>	<b>\$ 4,767,170</b>	<b>\$ 1,665,090</b>	<b>\$ 420,670</b>

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	-	9,250,660	3,306,945	-	2,019,480	3,210,630	4,767,170	1,665,090	420,670
Current Year	1,424,650	-	1,411,540	-	1,311,250	1,232,130	583,640	289,980	176,940
Interest on Beginning Balance	-	-	-	-	46,450	73,840	109,640	38,300	9,680
HUTF Revenue Allocated to Street Maintenance	-	-	-	2,291,580	-	-	-	-	-
Transportation Fee	-	-	-	2,291,590	-	-	-	-	-
Internal Loan Repayment	-	-	(1,032,395)	-	-	-	412,960	-	-
<b>Total Resources</b>	<b>\$ 1,424,650</b>	<b>\$ 9,250,660</b>	<b>\$ 3,686,090</b>	<b>\$ 4,583,170</b>	<b>\$ 3,377,180</b>	<b>\$ 4,516,600</b>	<b>\$ 5,873,410</b>	<b>\$ 1,993,370</b>	<b>\$ 607,290</b>

**Project Requests 2016**

Replace General Spartan Engine	652,300	-	-	-	-	-	-	-	-
Outdoor Aquatic Facility	-	-	-	-	-	-	3,000,000	-	-
Recreation Trail	-	-	-	-	-	-	-	-	325,190
Open Lands Acquisition	-	-	-	-	-	-	-	-	-
Parks Improvement Projects	-	-	-	-	-	-	-	-	-
Cemetery Buildings	118,000	-	-	-	-	-	-	-	-
Museum Storage Building	-	-	-	-	-	-	-	-	-
Police Training Facility Design	-	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	444,350	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	110,000	-	-	-	-	-	-	-	-
Transportation Program	-	526,000	-	-	1,324,000	-	-	-	-
Bridge Replacement Program	100,000	-	-	-	-	-	-	-	-
Street Maintenance	-	-	-	4,583,170	-	-	-	-	-
<b>Total 2016 Project Costs</b>	<b>\$ 1,424,650</b>	<b>\$ 526,000</b>	<b>\$ -</b>	<b>\$ 4,583,170</b>	<b>\$ 1,324,000</b>	<b>\$ -</b>	<b>\$ 3,000,000</b>	<b>\$ -</b>	<b>\$ 325,190</b>
<b>2016 Ending Balance</b>	<b>\$ -</b>	<b>\$ 8,724,660</b>	<b>\$ 3,686,090</b>	<b>\$ -</b>	<b>\$ 2,053,180</b>	<b>\$ 4,516,600</b>	<b>\$ 2,873,410</b>	<b>\$ 1,993,370</b>	<b>\$ 282,100</b>

Gen. Govt. CEF	Fire CEF	Police CEF	Library CEF	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
411,100	25,730	4,853,430	464,480	2,647,010	4,972,670	1,763,020	11,657,980	-	48,968,550
426,160	318,160	353,060	250,150	201,640	297,370	52,700	943,620	200,000	11,347,580
8,220	510	97,070	9,290	52,940	99,450	35,260	233,160	-	755,270
-	-	-	-	-	-	-	-	-	2,224,840
-	-	-	-	-	-	-	-	-	2,224,840
-	490,390	-	-	-	-	-	-	-	(110,175)
<b>\$ 845,480</b>	<b>\$ 834,790</b>	<b>\$ 5,303,560</b>	<b>\$ 723,920</b>	<b>\$ 2,901,590</b>	<b>\$ 5,369,490</b>	<b>\$ 1,850,980</b>	<b>\$ 12,834,760</b>	<b>\$ 200,000</b>	<b>\$ 65,410,905</b>

-	-	-	-	-	-	-	-	-	606,240
-	-	-	-	-	-	-	-	-	300,000
-	-	-	-	-	113,770	-	-	-	944,100
-	-	-	-	-	-	-	4,670,000	-	4,670,000
-	-	-	-	-	-	300,000	-	-	300,000
-	-	-	-	-	-	-	-	-	250,000
-	-	1,000,000	-	-	-	-	-	-	1,000,000
-	-	-	-	-	-	-	-	-	635,730
-	-	-	-	-	-	-	-	-	455,610
-	-	-	-	-	-	-	-	-	80,000
-	-	-	-	-	-	-	-	200,000	2,398,100
-	-	-	-	-	-	-	-	-	100,000
-	-	-	-	-	-	-	-	-	4,449,680
<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 113,770</b>	<b>\$ 300,000</b>	<b>\$ 4,670,000</b>	<b>\$ 200,000</b>	<b>\$ 16,189,460</b>
<b>\$ 845,480</b>	<b>\$ 834,790</b>	<b>\$ 4,303,560</b>	<b>\$ 723,920</b>	<b>\$ 2,901,590</b>	<b>\$ 5,255,720</b>	<b>\$ 1,550,980</b>	<b>\$ 8,164,760</b>	<b>\$ -</b>	<b>\$ 49,221,445</b>

Gen. Govt. CEF	Fire CEF	Police CEF	Library CEF	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
845,480	834,790	4,303,560	723,920	2,901,590	5,255,720	1,550,980	8,164,760	-	49,221,445
438,940	327,700	363,650	256,150	206,480	290,280	52,760	956,950	-	9,323,040
19,450	25,970	98,980	16,650	66,740	120,880	35,670	187,790	-	850,040
-	-	-	-	-	-	-	-	-	2,291,580
-	-	-	-	-	-	-	-	-	2,291,590
-	495,100	-	-	-	-	-	-	-	(124,335)
<b>\$ 1,303,870</b>	<b>\$ 1,683,560</b>	<b>\$ 4,766,190</b>	<b>\$ 996,720</b>	<b>\$ 3,174,810</b>	<b>\$ 5,666,880</b>	<b>\$ 1,639,410</b>	<b>\$ 9,309,500</b>	<b>\$ -</b>	<b>\$ 63,853,360</b>

-	-	-	-	-	-	-	-	-	652,300
-	-	-	-	-	-	-	-	-	3,000,000
-	-	-	-	-	-	-	-	-	325,190
-	-	-	-	-	-	-	2,851,000	-	2,851,000
-	-	-	-	-	-	310,000	-	-	310,000
-	-	-	-	-	-	-	-	-	118,000
-	-	-	-	2,400,000	-	-	-	-	2,400,000
-	-	4,000,000	-	-	-	-	-	-	4,000,000
-	-	-	-	-	-	-	-	-	444,350
-	-	-	-	-	-	-	-	-	110,000
-	-	-	-	-	-	-	-	-	1,850,000
-	-	-	-	-	-	-	-	-	100,000
-	-	-	-	-	-	-	-	-	4,583,170
<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,000,000</b>	<b>\$ -</b>	<b>\$ 2,400,000</b>	<b>\$ -</b>	<b>\$ 310,000</b>	<b>\$ 2,851,000</b>	<b>\$ -</b>	<b>\$ 20,744,010</b>
<b>\$ 1,303,870</b>	<b>\$ 1,683,560</b>	<b>\$ 766,190</b>	<b>\$ 996,720</b>	<b>\$ 774,810</b>	<b>\$ 5,666,880</b>	<b>\$ 1,329,410</b>	<b>\$ 6,458,500</b>	<b>\$ -</b>	<b>\$ 43,109,350</b>

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	-	8,724,660	3,686,090	-	2,053,180	4,516,600	2,873,410	1,993,370	282,100
Current Year	2,650,700	-	1,493,740	-	1,350,590	1,261,700	597,650	296,940	181,190
Interest on Beginning Balance	-	-	-	-	55,440	121,950	77,580	53,820	7,620
HUTF Revenue Allocated to Street Maintenance	-	-	-	2,360,330	-	-	-	-	-
Transportation Fee	-	-	-	2,360,340	-	-	-	-	-
Internal Loan Repayment	-	-	(78,155)	-	-	-	446,740	-	-
<b>Total Resources</b>	<b>\$ 2,650,700</b>	<b>\$ 8,724,660</b>	<b>\$ 5,101,675</b>	<b>\$ 4,720,670</b>	<b>\$ 3,459,210</b>	<b>\$ 5,900,250</b>	<b>\$ 3,995,380</b>	<b>\$ 2,344,130</b>	<b>\$ 470,910</b>

**Project Requests 2017**

Cemetery Buildings	471,000	-	-	-	-	-	-	-	-
Open Lands	-	-	-	-	-	-	-	-	-
Loveland Sports Park - Phase II Development On East Side - Planning - Year 1 of 2 Year Project	-	-	-	-	-	300,000	-	-	-
Park Improvement Projects	-	-	-	-	-	-	-	-	-
Recreation Trail	-	-	-	-	-	-	-	-	475,230
North Lake Park	-	-	-	-	-	-	-	-	-
Parks ADA Transition Plan Update	200,000	-	-	-	-	-	-	-	-
Police Training Facility Construction Phase I	1,305,940	4,314,060	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	573,760	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	-	-	-	-	-	-	-	-	-
Transportation Program	-	949,600	-	-	1,288,400	-	-	-	-
Bridge Replacement Program	100,000	-	-	-	-	-	-	-	-
Street Maintenance	-	-	-	4,720,670	-	-	-	-	-
<b>Total 2017 Project Costs</b>	<b>\$ 2,650,700</b>	<b>\$ 5,263,660</b>	<b>\$ -</b>	<b>\$ 4,720,670</b>	<b>\$ 1,288,400</b>	<b>\$ 300,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 475,230</b>
<b>2017 Ending Balance</b>	<b>\$ -</b>	<b>\$ 3,461,000</b>	<b>\$ 5,101,675</b>	<b>\$ -</b>	<b>\$ 2,170,810</b>	<b>\$ 5,600,250</b>	<b>\$ 3,995,380</b>	<b>\$ 2,344,130</b>	<b>\$ (4,320)</b>

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	-	3,461,000	5,101,675	-	2,170,810	5,600,250	3,995,380	2,344,130	(4,320)
Current Year	1,093,840	-	1,580,760	-	1,391,110	1,291,980	611,990	304,070	185,540
Interest on Beginning Balance	-	-	-	-	65,120	168,010	119,860	70,320	(130)
HUTF Revenue Allocated to Street Maintenance	-	-	-	2,431,140	-	-	-	-	-
Transportation Fee	-	-	-	2,431,150	-	-	-	-	-
<b>Total Resources</b>	<b>\$ 1,093,840</b>	<b>\$ 3,461,000</b>	<b>\$ 6,682,435</b>	<b>\$ 4,862,290</b>	<b>\$ 3,627,040</b>	<b>\$ 7,060,240</b>	<b>\$ 4,727,230</b>	<b>\$ 2,718,520</b>	<b>\$ 181,090</b>

**Project Requests 2018**

Construct New Fire Station 10 to Improve W Side Service	-	-	-	-	-	-	-	-	-
North Lake Park	500,000	-	-	-	-	-	-	-	-
Open Lands	-	-	-	-	-	-	-	2,718,520	-
Recreation Trail	-	-	-	-	-	-	-	-	113,280
Loveland Sports Park - Phase II Development On East Side - Construction - Year 2 of 2 Year Project	-	-	-	-	-	2,700,000	-	-	-
Park Improvement Projects	-	-	-	-	-	-	-	-	-
Fairgrounds Park (Year 1 of 2)	-	-	-	-	-	100,000	-	-	-
Junior Achievement Park	-	-	-	-	-	250,000	-	-	-
Police Training Facility Construction Phase II	-	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	593,840	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	-	-	-	-	-	-	-	-	-
Transportation Program	-	461,000	-	-	1,569,000	-	-	-	-
Street Maintenance	-	-	-	4,862,290	-	-	-	-	-
<b>Total 2018 Project Costs</b>	<b>\$ 1,093,840</b>	<b>\$ 461,000</b>	<b>\$ -</b>	<b>\$ 4,862,290</b>	<b>\$ 1,569,000</b>	<b>\$ 3,050,000</b>	<b>\$ -</b>	<b>\$ 2,718,520</b>	<b>\$ 113,280</b>
<b>2018 Ending Balance</b>	<b>\$ -</b>	<b>\$ 3,000,000</b>	<b>\$ 6,682,435</b>	<b>\$ -</b>	<b>\$ 2,058,040</b>	<b>\$ 4,010,240</b>	<b>\$ 4,727,230</b>	<b>\$ -</b>	<b>\$ 67,810</b>



Gen. Govt. CEF	Fire CEF	Police CEF	Library CEF	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
1,303,870	1,683,560	766,190	996,720	774,810	5,666,880	1,329,410	6,458,500	-	43,109,350
452,110	337,530	374,560	262,300	211,440	282,940	52,810	998,540	-	10,804,740
35,200	59,700	20,690	26,910	20,920	153,010	35,890	174,380	-	843,110
-	-	-	-	-	-	-	-	-	2,360,330
-	-	-	-	-	-	-	-	-	2,360,340
-	37,590	-	-	-	-	-	-	-	406,175
<b>\$ 1,791,180</b>	<b>\$ 2,118,380</b>	<b>\$ 1,161,440</b>	<b>\$ 1,285,930</b>	<b>\$ 1,007,170</b>	<b>\$ 6,102,830</b>	<b>\$ 1,418,110</b>	<b>\$ 7,631,420</b>	<b>\$ -</b>	<b>\$ 59,884,045</b>

-	-	-	-	-	-	-	-	-	471,000
-	-	-	-	-	-	-	1,575,000	-	1,575,000
-	-	-	-	-	-	-	-	-	300,000
-	-	-	-	-	-	100,000	-	-	100,000
-	-	-	-	-	616,910	-	-	-	1,092,140
-	-	-	-	-	100,000	-	-	-	100,000
-	-	-	-	-	-	-	-	-	200,000
-	-	1,100,000	-	-	-	-	-	-	6,720,000
-	-	-	-	-	-	-	-	-	573,760
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	2,238,000
-	-	-	-	-	-	-	-	-	100,000
-	-	-	-	-	-	-	-	-	4,720,670
<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 716,910</b>	<b>\$ 100,000</b>	<b>\$ 1,575,000</b>	<b>\$ -</b>	<b>\$ 18,190,570</b>
<b>\$ 1,791,180</b>	<b>\$ 2,118,380</b>	<b>\$ 61,440</b>	<b>\$ 1,285,930</b>	<b>\$ 1,007,170</b>	<b>\$ 5,385,920</b>	<b>\$ 1,318,110</b>	<b>\$ 6,056,420</b>	<b>\$ -</b>	<b>\$ 41,693,475</b>

Gen. Govt. CEF	Fire CEF	Police CEF	Library CEF	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
1,791,180	2,118,380	61,440	1,285,930	1,007,170	5,385,920	1,318,110	6,056,420	-	41,693,475
465,670	347,660	385,800	268,600	216,510	275,340	52,870	1,014,010	1,739,750	11,225,500
53,740	87,090	1,840	38,580	30,220	161,580	39,540	181,690	-	1,017,460
-	-	-	-	-	-	-	-	-	2,431,140
-	-	-	-	-	-	-	-	-	2,431,150
<b>\$ 2,310,590</b>	<b>\$ 2,553,130</b>	<b>\$ 449,080</b>	<b>\$ 1,593,110</b>	<b>\$ 1,253,900</b>	<b>\$ 5,822,840</b>	<b>\$ 1,410,520</b>	<b>\$ 7,252,120</b>	<b>\$ 1,739,750</b>	<b>\$ 58,798,725</b>

-	1,739,750	-	-	-	-	-	-	1,739,750	3,479,500
-	-	-	-	-	500,000	-	-	-	1,000,000
-	-	-	-	-	-	-	456,480	-	3,175,000
-	-	-	-	-	-	-	-	-	113,280
-	-	-	-	-	-	-	-	-	2,700,000
-	-	-	-	-	-	300,000	-	-	300,000
-	-	-	-	-	-	500,000	-	-	100,000
-	-	-	-	-	-	-	-	-	750,000
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	593,840
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	2,030,000
-	-	-	-	-	-	-	-	-	4,862,290
<b>\$ -</b>	<b>\$ 1,739,750</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 500,000</b>	<b>\$ 800,000</b>	<b>\$ 456,480</b>	<b>\$ 1,739,750</b>	<b>\$ 19,103,910</b>
<b>\$ 2,310,590</b>	<b>\$ 813,380</b>	<b>\$ 449,080</b>	<b>\$ 1,593,110</b>	<b>\$ 1,253,900</b>	<b>\$ 5,322,840</b>	<b>\$ 610,520</b>	<b>\$ 6,795,640</b>	<b>\$ -</b>	<b>\$ 39,694,815</b>

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	-	3,000,000	6,682,435	-	2,058,040	4,010,240	4,727,230	-	67,810
Current Year	614,540	-	1,672,900	-	1,432,840	1,322,990	626,680	311,370	189,990
Interest on Beginning Balance	-	-	-	-	72,030	140,360	165,450	-	2,370
HUTF Revenue Allocated to Street Maintenance	-	-	-	2,504,080	-	-	-	-	-
Transportation Fee	-	-	-	2,504,080	-	-	-	-	-
<b>Total Resources</b>	<b>\$ 614,540</b>	<b>\$ 3,000,000</b>	<b>\$ 8,355,335</b>	<b>\$ 5,008,160</b>	<b>\$ 3,562,910</b>	<b>\$ 5,473,590</b>	<b>\$ 5,519,360</b>	<b>\$ 311,370</b>	<b>\$ 260,170</b>

**Project Requests 2019**

Open Lands	-	-	-	-	-	-	-	-	-
Recreation Trail	-	-	-	-	-	-	-	-	200,000
Fairgrounds Park (Year 2 of 2)	-	-	-	-	-	400,000	-	-	-
Neighborhood Parks	-	-	-	-	-	300,000	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	440,740	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	173,800	-	-	-	-	-	-	-	-
Transportation Program	-	433,000	-	-	1,457,000	-	-	-	-
Street Maintenance	-	-	-	5,008,160	-	-	-	-	-
<b>Total 2019 Project Costs</b>	<b>\$ 614,540</b>	<b>\$ 433,000</b>	<b>\$ -</b>	<b>\$ 5,008,160</b>	<b>\$ 1,457,000</b>	<b>\$ 700,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 200,000</b>
<b>2019 Ending Balance</b>	<b>\$ -</b>	<b>\$ 2,567,000</b>	<b>\$ 8,355,335</b>	<b>\$ -</b>	<b>\$ 2,105,910</b>	<b>\$ 4,773,590</b>	<b>\$ 5,519,360</b>	<b>\$ 311,370</b>	<b>\$ 60,170</b>

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	-	2,567,000	8,355,335	-	2,105,910	4,773,590	5,519,360	311,370	60,170
Current Year	636,070	-	1,770,440	-	1,475,830	1,354,740	641,720	318,840	194,550
Interest on Beginning Balance	-	-	-	-	84,240	190,940	220,770	12,450	2,410
HUTF Revenue Allocated to Street Maintenance	-	-	-	2,579,200	-	-	-	-	-
Transportation Fee	-	-	-	2,579,200	-	-	-	-	-
<b>Total Resources</b>	<b>\$ 636,070</b>	<b>\$ 2,567,000</b>	<b>\$ 10,125,775</b>	<b>\$ 5,158,400</b>	<b>\$ 3,665,980</b>	<b>\$ 6,319,270</b>	<b>\$ 6,381,850</b>	<b>\$ 642,660</b>	<b>\$ 257,130</b>

**Project Requests 2020**

Park Improvement Projects	-	-	-	-	-	-	-	-	-
Neighborhood Parks	-	-	-	-	-	1,450,000	-	-	-
Kroh Park	-	-	-	-	-	300,000	-	-	-
Open Lands	-	-	-	-	-	-	-	642,660	-
Recreation Trail	-	-	-	-	-	-	-	-	225,000
Facility Maintenance Capital (Building Maintenance Projects)	636,070	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	-	-	-	-	-	-	-	-	-
Transportation Program	-	437,000	-	-	1,537,000	-	-	-	-
Street Maintenance	-	-	-	5,158,400	-	-	-	-	-
<b>Total 2020 Project Costs</b>	<b>\$ 636,070</b>	<b>\$ 437,000</b>	<b>\$ -</b>	<b>\$ 5,158,400</b>	<b>\$ 1,537,000</b>	<b>\$ 1,750,000</b>	<b>\$ -</b>	<b>\$ 642,660</b>	<b>\$ 225,000</b>
<b>2020 Ending Balance</b>	<b>\$ -</b>	<b>\$ 2,130,000</b>	<b>\$ 10,125,775</b>	<b>\$ -</b>	<b>\$ 2,128,980</b>	<b>\$ 4,569,270</b>	<b>\$ 6,381,850</b>	<b>\$ -</b>	<b>\$ 32,130</b>

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	-	2,130,000	10,125,775	-	2,128,980	4,569,270	6,381,850	-	32,130
Current Year	1,419,320	-	1,873,720	-	1,520,100	1,387,250	657,120	326,490	199,220
Interest on Beginning Balance	-	-	-	-	95,800	205,620	287,180	-	1,450
HUTF Revenue Allocated to Street Maintenance	-	-	-	2,656,570	-	-	-	-	-
Transportation Fee	-	-	-	2,656,580	-	-	-	-	-
<b>Total Resources</b>	<b>\$ 1,419,320</b>	<b>\$ 2,130,000</b>	<b>\$ 11,999,495</b>	<b>\$ 5,313,150</b>	<b>\$ 3,744,880</b>	<b>\$ 6,162,140</b>	<b>\$ 7,326,150</b>	<b>\$ 326,490</b>	<b>\$ 232,800</b>

**Project Requests 2021**

Recreational Trail	-	-	-	-	-	-	-	-	200,000
Kroh Park- Phase II	-	-	-	-	-	1,500,000	-	-	-
Park Improvement Projects	-	-	-	-	-	-	-	-	-
Open Lands	-	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	658,320	-	-	-	-	-	-	-	-
Transportation Program	-	462,300	-	-	1,604,200	-	-	-	-
Cold Planer Replacement	761,000	-	-	-	-	-	-	-	-
Street Maintenance	-	-	-	5,313,150	-	-	-	-	-
<b>Total 2021 Project Costs</b>	<b>\$ 1,419,320</b>	<b>\$ 462,300</b>	<b>\$ -</b>	<b>\$ 5,313,150</b>	<b>\$ 1,604,200</b>	<b>\$ 1,500,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 200,000</b>
<b>2021 Ending Balance</b>	<b>\$ -</b>	<b>\$ 1,667,700</b>	<b>\$ 11,999,495</b>	<b>\$ -</b>	<b>\$ 2,140,680</b>	<b>\$ 4,662,140</b>	<b>\$ 7,326,150</b>	<b>\$ 326,490</b>	<b>\$ 32,800</b>

Gen. Govt. CEF	Fire CEF	Police CEF	Library	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
2,310,590	813,380	449,080	1,593,110	1,253,900	5,322,840	610,520	6,795,640	-	39,694,815
479,640	358,090	397,370	275,050	221,710	271,040	52,930	-	-	8,227,140
80,870	40,170	15,720	55,760	43,890	186,300	21,370	237,850	-	1,062,140
-	-	-	-	-	-	-	-	-	2,504,080
-	-	-	-	-	-	-	-	-	2,504,080
\$ 2,871,100	\$ 1,211,640	\$ 862,170	\$ 1,923,920	\$ 1,519,500	\$ 5,780,180	\$ 684,820	\$ 7,033,490	\$ -	\$ 53,992,255

-	-	-	-	-	-	-	290,000	-	290,000
-	-	-	-	-	-	-	-	-	200,000
-	-	-	-	-	-	-	-	-	400,000
-	-	-	-	-	-	-	-	-	300,000
-	-	-	-	-	-	-	-	-	440,740
-	-	-	-	-	-	-	-	-	173,800
-	-	-	-	-	-	-	-	-	1,890,000
-	-	-	-	-	-	-	-	-	5,008,160
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 290,000	\$ -	\$ 8,702,700
\$ 2,871,100	\$ 1,211,640	\$ 862,170	\$ 1,923,920	\$ 1,519,500	\$ 5,780,180	\$ 684,820	\$ 6,743,490	\$ -	\$ 45,289,555

Gen. Govt. CEF	Fire CEF	Police CEF	Library	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
2,871,100	1,211,640	862,170	1,923,920	1,519,500	5,780,180	684,820	6,743,490	-	45,289,555
494,030	368,830	409,290	281,650	227,030	263,030	52,930	-	-	8,488,980
114,840	58,620	34,490	76,960	60,780	231,210	27,390	269,740	-	1,384,840
-	-	-	-	-	-	-	-	-	2,579,200
-	-	-	-	-	-	-	-	-	2,579,200
\$ 3,479,970	\$ 1,639,090	\$ 1,305,950	\$ 2,282,530	\$ 1,807,310	\$ 6,274,420	\$ 765,140	\$ 7,013,230	\$ -	\$ 60,321,775

-	-	-	-	-	-	100,000	-	-	100,000
-	-	-	-	-	-	-	100,590	-	1,450,000
-	-	-	-	-	-	-	-	-	400,590
-	-	-	-	-	-	-	-	-	642,660
-	-	-	-	-	-	-	-	-	225,000
-	-	-	-	-	-	-	-	-	636,070
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	1,974,000
-	-	-	-	-	-	-	-	-	5,158,400
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,590	\$ -	\$ 10,586,720
\$ 3,479,970	\$ 1,639,090	\$ 1,305,950	\$ 2,282,530	\$ 1,807,310	\$ 6,274,420	\$ 665,140	\$ 6,912,640	\$ -	\$ 49,735,055

Gen. Govt. CEF	Fire CEF	Police CEF	Library	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
3,479,970	1,639,090	1,305,950	2,282,530	1,807,310	6,274,420	665,140	6,912,640	-	49,735,055
508,850	379,890	421,570	288,410	232,480	254,740	52,930	-	-	9,522,090
156,600	73,760	58,770	102,710	81,330	282,350	29,930	311,070	-	1,686,570
-	-	-	-	-	-	-	-	-	2,656,570
-	-	-	-	-	-	-	-	-	2,656,580
\$ 4,145,420	\$ 2,092,740	\$ 1,786,290	\$ 2,673,650	\$ 2,121,120	\$ 6,811,510	\$ 748,000	\$ 7,223,710	\$ -	\$ 66,256,865

-	-	-	-	-	500,000	-	-	-	700,000
-	-	-	-	-	-	-	-	-	1,500,000
-	-	-	-	-	-	200,000	-	-	200,000
-	-	-	-	-	-	-	225,000	-	225,000
-	-	-	-	-	-	-	-	-	658,320
-	-	-	-	-	-	-	-	-	2,066,500
-	-	-	-	-	-	-	-	-	761,000
-	-	-	-	-	-	-	-	-	5,313,150
\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 200,000	\$ 225,000	\$ -	\$ 11,423,970
\$ 4,145,420	\$ 2,092,740	\$ 1,786,290	\$ 2,673,650	\$ 2,121,120	\$ 6,311,510	\$ 548,000	\$ 6,998,710	\$ -	\$ 54,832,895

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	-	1,667,700	11,999,495	-	2,140,680	4,662,140	7,326,150	326,490	32,800
Current Year	681,430	-	1,983,060	-	1,565,700	1,420,540	672,890	334,330	204,000
Interest on Beginning Balance	-	-	-	-	102,750	223,780	351,660	15,670	1,570
HUTF Revenue Allocated to Street Maintenance	-	-	-	2,736,270	-	-	-	-	-
Transportation Fee	-	-	-	2,736,270	-	-	-	-	-
<b>Total Resources</b>	<b>\$ 681,430</b>	<b>\$ 1,667,700</b>	<b>\$ 13,982,555</b>	<b>\$ 5,472,540</b>	<b>\$ 3,809,130</b>	<b>\$ 6,306,460</b>	<b>\$ 8,350,700</b>	<b>\$ 676,490</b>	<b>\$ 238,370</b>

**Project Requests 2022**

Neighborhood Parks	-	-	-	-	-	1,200,000	-	-	-
Recreational Trail	-	-	-	-	-	-	-	-	225,000
Open Lands	-	-	-	-	-	-	-	500,000	-
Facility Maintenance Capital (Building Maintenance Projects)	651,430	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	30,000	-	-	-	-	-	-	-	-
Transportation Program	-	498,500	-	-	1,526,500	-	-	-	-
Street Maintenance	-	-	-	5,472,540	-	-	-	-	-
<b>Total 2022 Project Costs</b>	<b>\$ 681,430</b>	<b>\$ 498,500</b>	<b>\$ -</b>	<b>\$ 5,472,540</b>	<b>\$ 1,526,500</b>	<b>\$ 1,200,000</b>	<b>\$ -</b>	<b>\$ 500,000</b>	<b>\$ 225,000</b>
<b>2022 Ending Balance</b>	<b>\$ -</b>	<b>\$ 1,169,200</b>	<b>\$ 13,982,555</b>	<b>\$ -</b>	<b>\$ 2,282,630</b>	<b>\$ 5,106,460</b>	<b>\$ 8,350,700</b>	<b>\$ 176,490</b>	<b>\$ 13,370</b>

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	-	1,169,200	13,982,555	-	2,282,630	5,106,460	8,350,700	176,490	13,370
Current Year	705,280	-	2,098,830	-	1,612,670	1,454,630	689,040	342,350	208,900
Interest on Beginning Balance	-	-	-	-	109,570	245,110	400,830	8,470	640
HUTF Revenue Allocated to Street Maintenance	-	-	-	2,818,360	-	-	-	-	-
Transportation Fee	-	-	-	2,818,360	-	-	-	-	-
<b>Total Resources</b>	<b>\$ 705,280</b>	<b>\$ 1,169,200</b>	<b>\$ 16,081,385</b>	<b>\$ 5,636,720</b>	<b>\$ 4,004,870</b>	<b>\$ 6,806,200</b>	<b>\$ 9,440,570</b>	<b>\$ 527,310</b>	<b>\$ 222,910</b>

**Project Requests 2023**

Park Improvement Projects	-	-	-	-	-	-	-	-	-
Neighborhood Parks	-	-	-	-	-	1,450,000	-	-	-
Open Lands	-	-	-	-	-	-	-	400,000	-
Recreational Trail	-	-	-	-	-	-	-	-	222,910
Museum Expansion Design	-	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	705,280	-	-	-	-	-	-	-	-
Transportation Program	-	464,500	-	-	1,537,500	-	-	-	-
Street Maintenance	-	-	-	5,636,720	-	-	-	-	-
<b>Total 2023 Project Costs</b>	<b>\$ 705,280</b>	<b>\$ 464,500</b>	<b>\$ -</b>	<b>\$ 5,636,720</b>	<b>\$ 1,537,500</b>	<b>\$ 1,450,000</b>	<b>\$ -</b>	<b>\$ 400,000</b>	<b>\$ 222,910</b>
<b>2023 Ending Balance</b>	<b>\$ -</b>	<b>\$ 704,700</b>	<b>\$ 16,081,385</b>	<b>\$ -</b>	<b>\$ 2,467,370</b>	<b>\$ 5,356,200</b>	<b>\$ 9,440,570</b>	<b>\$ 127,310</b>	<b>\$ -</b>

2024 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Transportation Fund	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	-	704,700	16,081,385	-	2,467,370	5,356,200	9,440,570	127,310	-
Current Year	730,010	-	2,221,410	-	1,661,050	1,489,540	705,580	213,910	350,570
Interest on Beginning Balance	-	-	-	-	118,430	257,100	453,150	6,110	-
HUTF Revenue Allocated to Street Maintenance	-	-	-	2,902,910	-	-	-	-	-
Transportation Fee	-	-	-	2,902,910	-	-	-	-	-
<b>Total Resources</b>	<b>\$ 730,010</b>	<b>\$ 704,700</b>	<b>\$ 18,302,795</b>	<b>\$ 5,805,820</b>	<b>\$ 4,246,850</b>	<b>\$ 7,102,840</b>	<b>\$ 10,599,300</b>	<b>\$ 347,330</b>	<b>\$ 350,570</b>

**Project Requests 2024**

Open Lands	-	-	-	-	-	-	-	347,330	-
Recreational Trail	-	-	-	-	-	-	-	-	200,000
New Community Park Phase I	-	-	-	-	-	9,000,000	-	-	-
Museum Expansion Project - Construction	-	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	680,010	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	50,000	-	-	-	-	-	-	-	-
Transportation Program	-	498,500	-	-	1,608,500	-	-	-	-
Street Maintenance	-	-	-	5,805,820	-	-	-	-	-
<b>Total 2024 Project Costs</b>	<b>\$ 730,010</b>	<b>\$ 498,500</b>	<b>\$ -</b>	<b>\$ 5,805,820</b>	<b>\$ 1,608,500</b>	<b>\$ 9,000,000</b>	<b>\$ -</b>	<b>\$ 347,330</b>	<b>\$ 200,000</b>
<b>2024 Ending Balance</b>	<b>\$ -</b>	<b>\$ 206,200</b>	<b>\$ 18,302,795</b>	<b>\$ -</b>	<b>\$ 2,638,350</b>	<b>\$ (1,897,160)</b>	<b>\$ 10,599,300</b>	<b>\$ -</b>	<b>\$ 150,570</b>

<b>Total All Years Project Costs</b>	<b>\$ 11,833,420</b>	<b>\$ 9,615,560</b>	<b>\$ -</b>	<b>\$ 51,010,600</b>	<b>\$ 15,079,100</b>	<b>\$ 19,250,000</b>	<b>\$ 3,250,000</b>	<b>\$ 4,608,510</b>	<b>\$ 3,016,940</b>
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Gen. Govt. CEF	Fire CEF	Police CEF	Library	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
4,145,420	2,092,740	1,786,290	2,673,650	2,121,120	6,311,510	548,000	6,998,710	-	54,832,895
524,120	391,290	434,220	295,330	238,060	246,160	52,930	-	-	9,044,060
198,980	100,450	85,740	128,340	101,810	302,950	26,300	335,940	-	1,975,940
-	-	-	-	-	-	-	-	-	2,736,270
-	-	-	-	-	-	-	-	-	2,736,270
\$ 4,868,520	\$ 2,584,480	\$ 2,306,250	\$ 3,097,320	\$ 2,460,990	\$ 6,860,620	\$ 627,230	\$ 7,334,650	\$ -	\$ 71,325,435
-	-	-	-	-	-	-	-	-	1,200,000
-	-	-	-	-	-	-	10,000	-	225,000
-	-	-	-	-	-	-	-	-	510,000
-	-	-	-	-	-	-	-	-	651,430
-	-	-	-	-	-	-	-	-	30,000
-	-	-	-	-	-	-	-	-	2,025,000
-	-	-	-	-	-	-	-	-	5,472,540
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ -	\$ 10,113,970
\$ 4,868,520	\$ 2,584,480	\$ 2,306,250	\$ 3,097,320	\$ 2,460,990	\$ 6,860,620	\$ 627,230	\$ 7,324,650	\$ -	\$ 61,211,465

Gen. Govt. CEF	Fire CEF	Police CEF	Library	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
4,868,520	2,584,480	2,306,250	3,097,320	2,460,990	6,860,620	627,230	7,324,650	-	61,211,465
539,840	403,030	447,250	302,420	243,770	237,270	52,930	-	-	9,338,210
233,690	124,060	110,700	148,670	118,130	329,310	30,110	351,580	-	2,210,870
-	-	-	-	-	-	-	-	-	2,818,360
-	-	-	-	-	-	-	-	-	2,818,360
\$ 5,642,050	\$ 3,111,570	\$ 2,864,200	\$ 3,548,410	\$ 2,822,890	\$ 7,427,200	\$ 710,270	\$ 7,676,230	\$ -	\$ 78,397,265
-	-	-	-	-	-	200,000	-	-	200,000
-	-	-	-	-	-	-	70,000	-	1,450,000
-	-	-	-	-	402,090	-	-	-	470,000
-	-	-	-	2,290,500	-	-	-	-	625,000
-	-	-	-	-	-	-	-	-	2,290,500
-	-	-	-	-	-	-	-	-	705,280
-	-	-	-	-	-	-	-	-	2,002,000
-	-	-	-	-	-	-	-	-	5,636,720
\$ -	\$ -	\$ -	\$ -	\$ 2,290,500	\$ 402,090	\$ 200,000	\$ 70,000	\$ -	\$ 13,379,500
\$ 5,642,050	\$ 3,111,570	\$ 2,864,200	\$ 3,548,410	\$ 532,390	\$ 7,025,110	\$ 510,270	\$ 7,606,230	\$ -	\$ 65,017,765

Gen. Govt. CEF	Fire CEF	Police CEF	Library	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
5,642,050	3,111,570	2,864,200	3,548,410	532,390	7,025,110	510,270	7,606,230	-	65,017,765
415,120	460,670	309,680	249,620	556,040	228,080	52,930	-	10,000,000	19,644,210
270,820	149,360	137,480	170,320	25,550	337,210	24,490	365,100	-	2,315,120
-	-	-	-	-	-	-	-	-	2,902,910
-	-	-	-	-	-	-	-	-	2,902,910
\$ 6,327,990	\$ 3,721,600	\$ 3,311,360	\$ 3,968,350	\$ 1,113,980	\$ 7,590,400	\$ 587,690	\$ 7,971,330	\$ 10,000,000	\$ 92,782,915
-	-	-	-	-	-	-	72,670	-	420,000
-	-	-	-	-	-	-	-	-	200,000
-	-	-	-	-	-	-	-	-	9,000,000
1,979,500	-	-	-	1,000,000	-	-	-	10,000,000	12,979,500
-	-	-	-	-	-	-	-	-	680,010
-	-	-	-	-	-	-	-	-	50,000
-	-	-	-	-	-	-	-	-	2,107,000
-	-	-	-	-	-	-	-	-	5,805,820
\$ 1,979,500	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 72,670	\$ 10,000,000	\$ 31,242,330
\$ 4,348,490	\$ 3,721,600	\$ 3,311,360	\$ 3,968,350	\$ 113,980	\$ 7,590,400	\$ 587,690	\$ 7,898,660	\$ -	\$ 61,540,585
\$ 1,979,500	\$ 1,739,750	\$ 6,100,000	\$ -	\$ 5,690,500	\$ 2,232,770	\$ 2,010,000	\$ 10,320,740	\$ 11,939,750	\$ 159,677,140

## 2015-2024 Golf Recommended Capital Program

	2015	2016	2017	2018	2019	Five Year Total
<b>Revenue</b>						
<b>Beginning Balance</b>	\$ 2,200,436	\$ 2,107,197	\$ 1,881,768	\$ 1,778,497	\$ 1,948,788	\$ 2,200,436
Operating Revenues	634,591	584,141	634,549	579,321	534,657	2,967,259
<b>Total Revenue</b>	\$ 2,835,027	\$ 2,691,338	\$ 2,516,317	\$ 2,357,818	\$ 2,483,445	\$ 5,167,695
<b>Expense</b>						
<b>Bricks &amp; Mortar</b>						
Mariana Butte Course Renovations	24,000	-	-	-	-	24,000
Mariana Butte Water Purchase	350,000	-	-	-	-	350,000
Marianna Butte Asset Replacement	-	-	272,470	-	-	272,470
Cattail Creek Asset Replacment	-	-	85,500	-	-	85,500
Olde Course Renovation	-	-	21,700	-	-	21,700
Olde Course Clubhouse	-	-	-	-	-	-
<b>Subtotal Bricks &amp; Mortar</b>	\$ 374,000	\$ -	\$ 379,670	\$ -	\$ -	\$ 753,670
<b>New &amp; Replacement Equipment</b>						
Equipment Replacements	353,830	809,570	358,150	409,030	255,860	2,186,440
<b>Subtotal Equipment</b>	\$ 353,830	\$ 809,570	\$ 358,150	\$ 409,030	\$ 255,860	\$ 2,186,440
<b>Total</b>	\$ 727,830	\$ 809,570	\$ 737,820	\$ 409,030	\$ 255,860	\$ 2,940,110
<b>Reserve for Future Capital Projects</b>	\$ 2,107,197	\$ 1,881,768	\$ 1,778,497	\$ 1,948,788	\$ 2,227,585	\$ 2,227,585

	2020	2021	2022	2023	2024	Ten Year Total
\$	2,227,585	\$ 2,630,164	\$ 2,985,150	\$ 2,991,027	\$ 3,011,501	\$ 2,200,436
	598,099	564,716	636,287	593,934	391,467	5,751,762
\$	2,825,684	\$ 3,194,880	\$ 3,621,437	\$ 3,584,961	\$ 3,402,968	\$ 7,952,198
	-	-	111,170	-	-	\$ 135,170
	-	-	-	-	-	350,000
	-	-	111,170	-	-	383,640
	-	-	-	-	-	85,500
	-	40,000	-	-	-	61,700
	-	-	-	150,000	2,338,800	2,488,800
\$	-	\$ 40,000	\$ 222,340	\$ 150,000	\$ 2,338,800	\$ 3,504,810
	195,520	169,730	408,070	423,460	258,200	\$ 3,641,420
\$	195,520	\$ 169,730	\$ 408,070	\$ 423,460	\$ 258,200	\$ 3,641,420
\$	195,520	\$ 209,730	\$ 630,410	\$ 573,460	\$ 2,597,000	\$ 7,146,230
\$	2,630,164	\$ 2,985,150	\$ 2,991,027	\$ 3,011,501	\$ 805,968	\$ 805,968

2015-2024 Power Utility Agencies Recommended Capital Program

	2015	2016	2017	2018	2019	Five Year Total
<b>Revenue</b>						
<b>Beginning Balance</b>	\$ 15,298,079	\$ 13,461,170	\$ 12,402,250	\$ 14,978,530	\$ 15,841,390	\$ 15,298,079
Operating Revenues	2,630,041	5,161,020	6,180,650	6,665,210	7,175,810	27,812,731
Aid to Construction	1,000,000	1,032,250	1,282,000	1,326,870	1,373,300	6,014,420
Customer deposits - Service Installations	250,000	258,070	267,090	276,420	286,100	1,337,680
Payback from Water	828,750	817,500	806,250	795,000	783,750	4,031,250
PIF Collections	2,722,410	2,847,660	3,034,170	3,194,390	3,381,240	15,179,870
Interest on Investments/Income	162,160	209,990	317,500	458,340	563,960	1,711,950
<b>Total Revenue</b>	\$ 22,891,440	\$ 23,787,660	\$ 24,289,910	\$ 27,694,760	\$ 29,405,550	\$ 71,385,980
<b>Expense</b>						
<b>Bricks &amp; Mortar</b>						
System Improvements	1,622,270	1,393,560	1,452,950	2,609,500	2,780,950	9,859,230
Customer Aid to Construction	1,000,000	1,032,250	1,282,000	1,326,870	1,373,300	6,014,420
Misc. Feeder Extensions	225,000	232,250	320,490	414,650	457,760	1,650,150
Smaller 200 Amp Projects	125,000	129,030	133,540	138,220	143,050	668,840
Misc. Electric Relocations Road Related Projects	100,000	103,230	106,830	287,490	742,440	1,339,990
Substation Security	500,000	-	-	552,860	572,210	1,625,070
Replace 200 Amp from Carlisle to 1st between Taft & Dotsero	-	-	1,726,210	-	-	1,726,210
Replace 200 Amp from 29th to 37th between Taft & Olde Course	-	1,153,240	-	-	-	1,153,240
Replace 200 Amp from SW 14th to SW 18th from Wilson to Katie	20,000	598,870	-	-	-	618,870
200 & 600 Amp Cable Replacement Projects	135,000	94,300	-	1,935,020	57,220	2,221,540
Canyon Conversion	420,000	830,190	801,250	774,010	-	2,825,450
Overhead to Underground Conversion Projects	2,470,000	573,590	1,282,000	66,350	2,803,830	7,195,770
Streetlight Projects	350,000	361,290	373,920	387,000	400,540	1,872,750
Hwy 402 Feeder Extension	-	-	-	-	-	-
Transfer load from 1012 to 621, install 750AL from Crossroads to Fairgrounds	50,000	980,650	-	-	-	1,030,650
Install new 750 AL from Crossroads 622 S on Boyd Lake to Lakes at Centerra	500,000	-	-	-	-	500,000
Install new 750 AL from 57th & RR to Hwy 287 Wintergreen Subdivision	50,000	774,190	-	-	-	824,190
Install new 750 AL from 57th & Taft to Vault V1780	-	-	-	55,290	858,320	913,610
Install new 750 AL from Roosevelt on 402 to Tyler tying into V221	-	-	-	55,290	1,144,420	1,199,710
Install 750 AL from Breaker 211 W out of East Sub to Madison	-	-	-	-	57,220	57,220
Install bank from SW232, tie to V2700, Install 750 AL on 1st West to Rossum	-	-	-	-	-	-
Extend New feeders from Valley V3 into System	-	-	53,420	1,548,010	-	1,601,430
Extend feeders from new Substation in SE corner of service Territory into System	-	-	-	-	-	-
Install new bank & 750 AL on Madison East on 37th to CR11C, North to CR30	-	-	-	-	-	-
Extend new feeders from Crossroads C2	50,000	722,580	-	-	-	772,580
Land Purchase for new substations	350,000	412,900	-	-	-	762,900
Valley Substation purchase/install new components/feeder extension	970,000	309,680	-	-	-	1,279,680
East Substation-purchase/install new components	-	-	347,210	221,140	-	568,350
New Substation to replace West-purchase/install new components and feeder extension	-	1,383,230	1,431,560	1,481,670	-	4,296,460
New Substation-Southeast corner of service territory	-	-	-	-	1,533,530	1,533,530
New Substation-Southwest corner of service territory	-	-	-	-	-	-
<b>Subtotal Bricks &amp; Mortar</b>	\$ 8,937,270	\$ 11,085,030	\$ 9,311,380	\$ 11,853,370	\$ 12,924,790	\$ 54,111,840
<b>New &amp; Replacement Equipment</b>						
Large Vehicle Replacements	493,000	300,380	-	-	-	793,380
<b>Subtotal Equipment</b>	\$ 493,000	\$ 300,380	\$ -	\$ -	\$ -	\$ 793,380
<b>Total</b>	\$ 9,430,270	\$ 11,385,410	\$ 9,311,380	\$ 11,853,370	\$ 12,924,790	\$ 54,905,220
<b>Reserve for Future Capital Projects</b>	\$ 13,461,170	\$ 12,402,250	\$ 14,978,530	\$ 15,841,390	\$ 16,480,760	\$ 16,480,760



	2020	2021	2022	2023	2024	Ten Year Total
\$	16,480,760	\$ 19,033,190	\$ 20,494,610	\$ 18,916,360	\$ 23,020,500	\$ 15,298,079
	8,450,680	9,053,710	9,677,740	10,395,300	11,155,440	76,545,601
	1,421,380	1,471,120	1,522,610	1,575,910	1,631,060	13,636,500
	296,120	306,490	317,220	328,320	339,800	2,925,630
	772,500	761,250	-	-	-	5,565,000
	3,599,250	3,798,000	4,010,290	4,317,830	4,584,660	35,489,900
	751,530	867,910	934,560	862,580	1,049,730	6,178,260
\$	31,772,220	\$ 35,291,670	\$ 36,957,030	\$ 36,396,300	\$ 41,781,190	\$ 155,638,970
	3,962,070	4,143,690	4,859,670	5,029,760	5,205,800	\$ 33,060,220
	1,421,380	1,471,120	1,522,610	1,575,910	1,631,060	13,636,500
	503,390	551,670	562,360	656,620	713,580	4,637,770
	148,060	153,240	158,610	164,160	169,900	1,462,810
	296,120	306,480	317,210	945,870	339,800	3,545,470
	1,421,370	-	-	-	-	3,046,440
	-	-	-	-	-	1,726,210
	-	-	-	-	-	1,153,240
	-	-	-	-	-	618,870
	1,776,710	1,851,170	2,956,390	2,718,420	3,533,960	15,058,190
	-	-	-	-	-	2,825,450
	639,610	1,428,210	-	-	-	9,263,590
	414,570	429,080	444,100	459,640	475,720	4,095,860
	-	2,451,870	3,806,530	-	-	6,258,400
	-	-	-	-	-	1,030,650
	-	-	-	-	-	500,000
	-	-	-	-	-	824,190
	-	-	-	-	-	913,610
	-	-	-	-	-	1,199,710
	533,020	-	-	-	-	590,240
	35,530	367,780	-	-	-	403,310
	-	-	-	-	-	1,601,430
	-	-	1,712,940	-	-	1,712,940
	-	-	-	65,660	1,019,410	1,085,070
	-	-	-	-	-	772,580
	-	-	-	-	-	762,900
	-	-	-	-	-	1,279,680
	-	-	-	-	-	568,350
	-	-	-	-	-	4,296,460
	1,587,200	1,642,750	-	-	-	4,763,480
	-	-	1,700,250	1,759,760	1,821,350	5,281,360
\$	12,739,030	\$ 14,797,060	\$ 18,040,670	\$ 13,375,800	\$ 14,910,580	\$ 127,974,980
	-	-	-	-	-	\$ 793,380
\$	-	\$ -	\$ -	\$ -	\$ -	\$ 793,380
\$	12,739,030	\$ 14,797,060	\$ 18,040,670	\$ 13,375,800	\$ 14,910,580	\$ 128,768,360
\$	19,033,190	\$ 20,494,610	\$ 18,916,360	\$ 23,020,500	\$ 26,870,610	\$ 26,870,610

## 2015-2024 Storm Water Recommended Capital Program

	2015	2016	2017	2018	2019	Five Year Total
<b>Revenue</b>						
<b>Beginning Balance</b>	\$ 1,537,388	\$ 2,583,208	\$ 3,171,588	\$ 4,861,058	\$ 6,802,438	\$ 1,537,388
Operating Revenues	2,014,990	2,321,360	2,695,490	3,530,060	4,009,490	14,571,390
SIF Revenue	241,170	277,350	318,950	366,790	421,810	1,626,070
Interest on Investments/Income	27,660	51,670	63,430	121,530	170,060	434,350
<b>Total Revenue</b>	\$ 3,821,208	\$ 5,233,588	\$ 6,249,458	\$ 8,879,438	\$ 11,403,798	\$ 18,169,198
<b>Expense</b>						
<b>Bricks &amp; Mortar</b>						
South Loveland Outfall	-	85,000	-	1,060,000	465,000	1,610,000
Madison Avenue Outfall	-	600,000	-	-	-	600,000
Silver Lake Improvments	-	100,000	-	-	930,000	1,030,000
Maintenance/Asset Management Projects	475,000	975,000	475,000	475,000	475,000	2,875,000
Boyd Lake Outlet Ditch	200,000	-	500,000	-	750,000	1,450,000
Garfield and Harrison Outfall	-	-	-	-	-	-
South Rist Benson Lake Outfall	-	-	-	-	-	-
16th Street Storm Sewer System	-	-	-	-	-	-
Wilson & Eisenhower Improvements	-	-	-	-	-	-
29th & Sheridan Improvments	-	-	-	-	-	-
Baretta Drive Improvements	-	-	-	-	-	-
<b>Subtotal Bricks &amp; Mortar</b>	\$ 675,000	\$ 1,760,000	\$ 975,000	\$ 1,535,000	\$ 2,620,000	\$ 7,565,000
<b>New &amp; Replacement Equipment</b>						
Large Vehicle Replacements	563,000	302,000	413,400	542,000	377,500	2,197,900
New Equipment	-	-	-	-	-	-
<b>Subtotal Equipment</b>	\$ 563,000	\$ 302,000	\$ 413,400	\$ 542,000	\$ 377,500	\$ 2,197,900
<b>Total</b>	\$ 1,238,000	\$ 2,062,000	\$ 1,388,400	\$ 2,077,000	\$ 2,997,500	\$ 9,762,900
<b>Reserve for Future Capital Projects</b>	\$ 2,583,208	\$ 3,171,588	\$ 4,861,058	\$ 6,802,438	\$ 8,406,298	\$ 8,406,298

	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Ten Year Total</b>
<b>\$</b>	<b>8,406,298</b>	<b>\$ 11,514,108</b>	<b>\$ 8,934,368</b>	<b>\$ 6,653,238</b>	<b>\$ 7,948,438</b>	<b>\$ 1,537,388</b>
	4,951,540	3,332,420	3,674,650	3,768,590	3,864,260	<b>34,162,850</b>
	485,080	557,840	641,520	737,750	848,410	<b>4,896,670</b>
	252,190	403,000	312,700	232,860	278,190	<b>1,913,290</b>
<b>\$</b>	<b>14,095,108</b>	<b>\$ 15,807,368</b>	<b>\$ 13,563,238</b>	<b>\$ 11,392,438</b>	<b>\$ 12,939,298</b>	<b>\$ 42,510,198</b>
	-	6,030,000	-	-	-	<b>\$ 7,640,000</b>
	-	-	-	-	-	<b>600,000</b>
	-	-	-	-	-	<b>1,030,000</b>
	475,000	475,000	475,000	475,000	475,000	<b>5,250,000</b>
	750,000	-	-	-	-	<b>2,200,000</b>
	650,000	-	5,300,000	-	5,700,000	<b>11,650,000</b>
	-	-	140,000	1,500,000	-	<b>1,640,000</b>
	-	-	85,000	800,000	-	<b>885,000</b>
	-	-	-	-	450,000	<b>450,000</b>
	-	-	-	-	40,000	<b>40,000</b>
	-	-	-	-	70,000	<b>70,000</b>
<b>\$</b>	<b>1,875,000</b>	<b>\$ 6,505,000</b>	<b>\$ 6,000,000</b>	<b>\$ 2,775,000</b>	<b>\$ 6,735,000</b>	<b>\$ 31,455,000</b>
	353,000	368,000	910,000	669,000	413,000	<b>\$ 4,910,900</b>
	353,000	-	-	-	-	<b>\$ 353,000</b>
<b>\$</b>	<b>706,000</b>	<b>\$ 368,000</b>	<b>\$ 910,000</b>	<b>\$ 669,000</b>	<b>\$ 413,000</b>	<b>\$ 5,263,900</b>
<b>\$</b>	<b>2,581,000</b>	<b>\$ 6,873,000</b>	<b>\$ 6,910,000</b>	<b>\$ 3,444,000</b>	<b>\$ 7,148,000</b>	<b>\$ 36,718,900</b>
<b>\$</b>	<b>11,514,108</b>	<b>\$ 8,934,368</b>	<b>\$ 6,653,238</b>	<b>\$ 7,948,438</b>	<b>\$ 5,791,298</b>	<b>\$ 5,791,298</b>

2015-2024 Water Utility Agencies Recommended Capital Program

	2015	2016	2017	2018	2019	Five Year Total
<b>Revenue</b>						
<b>Beginning Balance</b>	\$ 10,535,388	\$ 6,736,935	\$ 4,387,477	\$ 5,383,393	\$ 8,219,598	\$ 10,535,388
Operating Revenues	1,358,577	1,528,162	873,736	2,718,125	3,865,648	10,344,248
SIF Revenues	2,018,480	1,701,460	2,068,130	1,967,000	2,245,740	10,000,810
Interest on Investments	111,670	105,090	112,320	164,730	292,620	786,430
Water Loan Borrowing	7,300,000	1,200,000	-	-	-	8,500,000
<b>Total Revenue</b>	<b>\$ 21,324,115</b>	<b>\$ 11,271,647</b>	<b>\$ 7,441,663</b>	<b>\$ 10,233,248</b>	<b>\$ 14,623,606</b>	<b>\$ 40,166,876</b>
<b>Expense</b>						
<b>Bricks &amp; Mortar</b>						
Water Line Replacements	1,900,000	1,571,610	1,652,900	1,219,170	1,838,680	8,182,360
Water Line Projects coordinated with Public Works	-	-	-	63,860	183,870	247,730
Extension and Oversizing Projects	75,000	78,580	82,640	87,080	91,930	415,230
Morning Dr. 30" Water Line Phase 2	-	-	-	-	269,450	269,450
Morning Drive Pump Station Upgrade	-	-	-	-	211,330	211,330
East Gravity Zone 24" and 16" Lines	-	-	-	-	411,250	411,250
29th Street 5.0 MG Storage Tank #2	-	-	-	-	3,760,020	3,760,020
New Water Lines 12" 10th St (RR Spur to Madison)	-	-	-	46,440	539,350	585,790
Southwest Booster Station	-	-	-	-	-	-
Misc. Transmission & Distribution Projects	210,000	220,020	231,410	243,840	257,420	1,162,690
2.0 MG Dakota Ridge Tank PZ2	-	-	-	-	-	-
16" in Granite (57th to 50th) Ranch Acres	-	-	91,320	353,260	-	444,580
36" Transmission Line Reline	-	-	-	-	-	-
Water Treatment Plant Expansion	12,000,000	4,819,610	-	-	-	16,819,610
Administration/Office Renovations with SCADA Improvements	-	-	-	-	-	-
<b>Subtotal Bricks &amp; Mortar</b>	<b>\$ 14,185,000</b>	<b>\$ 6,689,820</b>	<b>\$ 2,058,270</b>	<b>\$ 2,013,650</b>	<b>\$ 7,563,300</b>	<b>\$ 32,510,040</b>
<b>New &amp; Replacement Equipment</b>						
	402,180	194,350	-	-	-	596,530
<b>Subtotal Equipment</b>	<b>\$ 402,180</b>	<b>\$ 194,350</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 596,530</b>
<b>Total</b>	<b>\$ 14,587,180</b>	<b>\$ 6,884,170</b>	<b>\$ 2,058,270</b>	<b>\$ 2,013,650</b>	<b>\$ 7,563,300</b>	<b>\$ 33,106,570</b>
<b>Reserve for Future Capital Projects</b>	<b>\$ 6,736,935</b>	<b>\$ 4,387,477</b>	<b>\$ 5,383,393</b>	<b>\$ 8,219,598</b>	<b>\$ 7,060,306</b>	<b>\$ 7,060,306</b>

2015-2024 Raw Water Agencies Recommended Capital Program

	2015	2016	2017	2018	2019	Five Year Total
<b>Revenue</b>						
<b>Beginning Balance</b>	\$ 20,505,398	\$ 21,341,038	\$ 22,373,428	\$ 2,675,488	\$ 5,217,688	\$ 20,505,398
1% Transfer from Water Rates	930,780	1,252,640	1,500,780	1,802,460	-	5,486,660
Raw Water Devlpmt Fees/Cap Rec Srchg	330,000	361,930	398,820	438,710	478,590	2,008,050
Cash-in-Lieu	500,000	506,500	513,690	521,500	530,000	2,571,690
Hi-Use Surcharge	52,500	53,180	53,940	54,760	55,650	270,030
Native Raw Water Storage Fee Received	5,000	5,070	5,140	5,220	5,310	25,740
Interest	217,360	319,910	529,480	286,050	407,340	1,760,140
<b>Total Revenue</b>	<b>\$ 22,541,038</b>	<b>\$ 23,840,268</b>	<b>\$ 25,375,278</b>	<b>\$ 5,784,188</b>	<b>\$ 6,694,578</b>	<b>\$ 32,627,708</b>
<b>Expense</b>						
<b>Bricks &amp; Mortar</b>						
Windy Gap Firming Project	1,000,000	1,257,290	22,038,630	-	-	24,295,920
Colorado Big Thompson Water Purchases	200,000	209,550	550,970	566,500	590,570	2,117,590
Trade of Water Rights - 402 Corridor	-	-	110,190	-	-	110,190
<b>Subtotal Bricks &amp; Mortar</b>	<b>\$ 1,200,000</b>	<b>\$ 1,466,840</b>	<b>\$ 22,699,790</b>	<b>\$ 566,500</b>	<b>\$ 590,570</b>	<b>\$ 26,523,700</b>
<b>Total</b>	<b>\$ 1,200,000</b>	<b>\$ 1,466,840</b>	<b>\$ 22,699,790</b>	<b>\$ 566,500</b>	<b>\$ 590,570</b>	<b>\$ 26,523,700</b>
<b>Reserve for Future Capital Projects</b>	<b>\$ 21,341,038</b>	<b>\$ 22,373,428</b>	<b>\$ 2,675,488</b>	<b>\$ 5,217,688</b>	<b>\$ 6,104,008</b>	<b>\$ 6,104,008</b>

2020	2021	2022	2023	2024	Ten Year Total
\$ 7,060,306	\$ 1,397,136	\$ 1,154,727	\$ 2,712,697	\$ 10,517,353	\$ 10,535,388
6,628,520	8,100,461	9,615,730	10,202,586	10,742,352	55,633,897
2,522,310	2,897,540	3,301,340	3,780,610	4,274,770	26,777,380
321,950	108,490	185,740	305,450	494,230	2,202,290
-	-	-	-	-	8,500,000
\$ 16,533,086	\$ 12,503,627	\$ 14,257,537	\$ 17,001,343	\$ 26,028,705	\$ 103,648,955
1,948,410	3,441,150	3,646,500	3,864,120	4,094,720	25,177,260
1,104,100	-	-	-	-	1,351,830
97,420	103,230	109,400	115,920	122,840	964,040
3,792,500	-	-	-	-	4,061,950
1,035,310	-	-	-	-	1,246,640
3,169,410	4,556,070	-	-	-	8,136,730
3,456,230	-	-	-	-	7,216,250
-	-	-	-	-	585,790
259,790	2,752,920	-	-	-	3,012,710
272,780	289,060	306,310	324,580	343,950	2,699,370
-	206,470	5,323,900	-	-	5,530,370
-	-	-	-	-	444,580
-	-	1,458,600	1,545,650	1,637,890	4,642,140
-	-	-	-	-	16,819,610
-	-	700,130	633,720	-	1,333,850
\$ 15,135,950	\$ 11,348,900	\$ 11,544,840	\$ 6,483,990	\$ 6,199,400	83,223,120
-	-	-	-	-	596,530
\$ -	\$ -	\$ -	\$ -	\$ -	596,530
\$ 15,135,950	\$ 11,348,900	\$ 11,544,840	\$ 6,483,990	\$ 6,199,400	\$ 83,819,650
\$ 1,397,136	\$ 1,154,727	\$ 2,712,697	\$ 10,517,353	\$ 19,829,305	\$ 19,829,305

2020	2021	2022	2023	2024	Ten Year Total
\$ 6,104,008	\$ 7,148,508	\$ 8,242,498	\$ 9,386,748	\$ 10,582,008	\$ 20,505,398
-	-	-	-	-	5,486,660
518,470	558,350	598,240	638,120	678,000	4,999,230
539,120	548,880	559,310	570,380	582,130	5,371,510
56,610	57,630	58,720	59,880	61,110	563,980
5,400	5,500	5,600	5,710	5,830	53,780
540,570	565,470	591,500	618,730	647,200	4,723,610
\$ 7,764,178	\$ 8,884,338	\$ 10,055,868	\$ 11,279,568	\$ 12,556,278	\$ 41,704,168
-	-	-	-	-	24,295,920
615,670	641,840	669,120	697,560	727,200	5,468,980
					110,190
\$ 615,670	\$ 641,840	\$ 669,120	\$ 697,560	\$ 727,200	29,875,090
\$ 615,670	\$ 641,840	\$ 669,120	\$ 697,560	\$ 727,200	\$ 29,875,090
\$ 7,148,508	\$ 8,242,498	\$ 9,386,748	\$ 10,582,008	\$ 11,829,078	\$ 11,829,078

## 2015-2024 Wastewater Utility Agencies Recommended Capital Program

	2015	2016	2017	2018	2019	Five Year Total
<b>Revenue</b>						
<b>Beginning Balance</b>	\$ 8,292,609	\$ 16,751,279	\$ 14,583,909	\$ 12,267,629	\$ 1,649,269	\$ 8,292,609
Operating Revenues	2,912,720	2,480,170	3,234,700	4,254,540	6,353,530	19,235,660
SIF Revenues	474,650	337,600	445,570	589,600	771,330	2,618,750
Reimbursement from General Fund (402 Sewer line)	-	-	-	-	-	-
Loan Proceeds	10,000,000	3,100,000	-	-	-	13,100,000
Development Reimbursements (402 Sewer line)	-	-	-	-	-	-
Interest on Investments/Income	193,900	261,320	461,790	432,240	320,550	1,669,800
<b>Total Revenue</b>	\$ 21,873,879	\$ 22,930,369	\$ 18,725,969	\$ 17,544,009	\$ 9,094,679	\$ 90,168,905
<b>Expense</b>						
<b>Bricks &amp; Mortar</b>						
New Laboratory Building	-	-	-	-	577,590	577,590
Digester Projects	1,207,600	-	-	-	-	1,207,600
Nutrient Treatment Facilities	800,000	6,739,220	-	-	-	7,539,220
Primary Clarifier	-	-	-	-	-	-
Trickling Filter Demolition	-	-	-	-	-	-
Digested Sludge Dewatering	-	-	-	-	-	-
Future Digester	1,600,000	-	1,101,930	14,321,430	-	17,023,360
East and West Channel Bar Screen Replacement	-	-	-	185,780	2,623,190	2,808,970
Misc. Oversizing and Extension Projects	75,000	78,580	82,640	87,080	91,930	415,230
Boyd Interceptor Projects	-	366,710	4,833,000	696,670	-	5,896,380
Misc. Sewer Line Rehabilitation Projects	400,000	419,100	440,770	464,450	490,320	2,214,640
Hwy 402 Wastewater Main Extension	-	-	-	-	-	-
North Horseshoe Lift Station Upgrades	-	-	-	139,330	766,110	905,440
South Side Lift Station Force Main to WWTP	40,000	565,780	-	-	-	605,780
East Side Discharge Trunk to WWTP	-	-	-	-	-	-
Collection System Corrosion Control	50,000	-	-	-	-	50,000
East Side Lift Station Upgrades	575,000	-	-	-	-	575,000
<b>Subtotal Bricks &amp; Mortar</b>	\$ 4,747,600	\$ 8,169,390	\$ 6,458,340	\$ 15,894,740	\$ 4,549,140	\$ 39,819,210
<b>New &amp; Replacement Equipment</b>						
Large Vehicle Replacements	375,000	177,070	-	-	-	552,070
<b>Subtotal Equipment</b>	\$ 375,000	\$ 177,070	\$ -	\$ -	\$ -	\$ 552,070
<b>Total</b>	\$ 5,122,600	\$ 8,346,460	\$ 6,458,340	\$ 15,894,740	\$ 4,549,140	\$ 40,371,280
<b>Reserve for Future Capital Projects</b>	\$ 16,751,279	\$ 14,583,909	\$ 12,267,629	\$ 1,649,269	\$ 4,545,539	\$ 49,797,625

	2020	2021	2022	2023	2024	Ten Year Total
\$	4,545,539	\$ 4,321,459	\$ 4,574,429	\$ 5,757,869	\$ 15,464,909	8,292,609
	5,850,750	6,782,530	7,502,030	8,002,170	8,355,230	55,728,370
	1,051,160	1,247,410	1,518,700	1,911,750	2,215,540	10,563,310
	-	-	442,000	-	-	442,000
	-	-	-	-	-	13,100,000
	-	-	107,900	107,900	107,900	323,700
	272,390	406,070	583,220	905,350	1,272,530	5,109,360
\$	11,719,839	\$ 12,757,469	\$ 14,728,279	\$ 16,685,039	\$ 27,416,109	\$ 93,559,349
	6,781,380	-	-	-	-	7,358,970
	-	-	-	-	-	1,207,600
	-	-	-	-	-	7,539,220
	-	7,116,290	-	-	-	7,116,290
	-	-	-	414,700	3,604,820	4,019,520
	-	-	-	71,250	811,900	883,150
	-	-	-	-	-	17,023,360
	-	-	-	-	-	2,808,970
	97,420	103,230	109,400	115,920	122,840	964,040
	-	-	437,580	-	-	6,333,960
	519,580	550,580	583,440	618,260	655,160	5,141,660
	-	412,940	6,199,060	-	-	6,612,000
	-	-	-	-	-	905,440
	-	-	-	-	-	605,780
	-	-	1,640,930	-	-	1,640,930
	-	-	-	-	-	50,000
	-	-	-	-	-	575,000
\$	7,398,380	\$ 8,183,040	\$ 8,970,410	\$ 1,220,130	\$ 5,194,720	70,785,890
	-	-	-	-	-	552,070
\$	-	\$ -	\$ -	\$ -	\$ -	552,070
\$	7,398,380	\$ 8,183,040	\$ 8,970,410	\$ 1,220,130	\$ 5,194,720	\$ 71,337,960
\$	4,321,459	\$ 4,574,429	\$ 5,757,869	\$ 15,464,909	\$ 22,221,389	\$ 22,221,389

# Museum Collection Storage

\*\*\*\*\*

Department:  
Cultural Services / Public Works

Division:  
Museum

Project Manager:  
Susan Ison

Phone Number:  
970.962.2411

Email:  
susan.ison@cityofloveland.org

Project Category:  
TBD

Project Number:  
TBD

Duration:  
2016

\*\*\*\*\*

**Total Project  
Cost:  
\$2,400,000**

## About the Project

Collections Storage: The Loveland Museum/Gallery's historic collection contains approximately 35,000 items, some collected as early as the 1920s. There has not been adequate space in the Museum collection area for over 5 years. Approximately 10,000 of the items were moved off-site to the old Home State Bank Building in 2008. Due to The Gallery Flats project, the items had to be moved to the old Mr. Neat's building, which does not provide adequate environmental control, pest control or security.



Additionally, every time the collection is moved damage occurs.

To better protect Loveland's historical items by removing collection storage from the Museum to a dedicated, off-site storage facility that would provide long-term, stable, collection stewardship. Existing building space of about 3000 square feet will be sought out and purchased, with minor renovations if needed

Funding Sources				
Revenue	Gen. Gov. CEF	Cult. Svc. CEF	Outside Revenue	Total
2016	-	\$2,400,000	-	\$2,400,000
<b>Total</b>	-	<b>\$2,400,000</b>	-	<b>\$2,400,000</b>

Project Cost Estimates by Year			
Elements		Real Estate Purchase	Total
2016	-	\$2,400,000	\$2,400,000
<b>Total</b>	-	<b>\$2,400,000</b>	<b>\$2,400,000</b>

Estimated Initial Operations Impact						
	Personnel	Supplies	Purchased Services	Facilities	Total	FTE
2017				\$60,000	\$60,000	
<b>Total</b>						



# 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:  
2024

\*\*\*\*\*

**Total Project Cost:  
\$10,000,000**

## About the Project

The expansion will address growth for additional exhibits and additional space where the current area is inadequate. The areas that are currently inadequate are: exhibition space (including the Fire exhibit); classroom space; and event space.

A reassessment of the plan has also included a look at the possibility of splitting into two buildings—history on the current site and art in another building downtown. 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.



This funding proposal considers a remodel of the current facility and new construction of a 20,500 square foot expansion (not using an existing building) in 2014 dollars with a 2.7% annual escalation until project year 2024.

Figures below assume: 10% for design/architecture/engineering; 70% construction; 7% for furniture/fixtures/equipment; 3% for permits/fees; and 10% for contingency.

The project is contingent on a significant amount of funding from organizations or individuals outside of the city organization. No construction will begin until the total amount of outside resources has been committed.

Funding Sources				
Revenue	Gen. Gov. CEF	Cult. Svc. CEF	Outside Revenue	Total
2024	\$2,000,000	\$4,062,250	\$3,937,750	\$10,000,000
<b>Total</b>	<b>\$2,000,000</b>	<b>\$4,062,250</b>	<b>\$3,937,750</b>	<b>\$10,000,000</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2024	\$1,000,000	\$9,000,000	\$10,000,000
<b>Total</b>	<b>\$1,000,000</b>	<b>\$9,000,000</b>	<b>\$10,000,000</b>

Estimated Initial Operations Impact						
	Personnel	Supplies	Purchased Services	Facilities	Total	FTE
2025	\$431,000	\$70,000	\$39,000	\$133,250	\$673,250	6.5
<b>Total</b>	<b>\$431,000</b>	<b>\$70,000</b>	<b>\$39,000</b>	<b>\$133,250</b>	<b>\$673,250</b>	<b>6.5</b>

# Apparatus Replacement

\*\*\*\*\*

Department:  
Loveland Fire Rescue Authority

Division:  
Operations

Project Manager:  
Greg Ward

Phone Number:  
970-962-2497

Email:  
Greg.Ward@cityofloveland.org

Project Category:  
Equipment

Project Number:  
N/A

Duration:  
2015 – 2016

\*\*\*\*\*

**Total Project Cost:**  
**\$1,258,540**

## About the Project

Replacement of existing fire apparatus.

The replacements are as follows:

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
2015	606,240	606,240
2016	652,300	652,300
<b>Total</b>	<b>\$1,258,540</b>	<b>\$1,258,540</b>

Project Cost Estimates by Year			
Elements	Planning	Capital	Total
2015	\$0	606,240	606,240
2016	\$0	652,300	652,300
<b>Total</b>	<b>\$0</b>	<b>\$1,258,540</b>	<b>\$1,258,540</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2017*					
<b>Total</b>					

\* 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:  
Administration/Operations

Project Manager:  
Randy Mirowski

Phone Number:  
970.962.2827

Email:  
Randy.Mirowski@cityofloveland.org

Project Category:  
Construction & Equipment

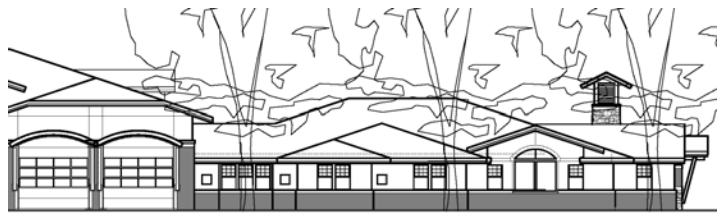
Project Number:  
TBD

Duration:  
2018

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**Total Project Cost:  
\$3,479,500**

## 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.

The station is expected to be 9,000 square feet with \$258 per square foot in construction costs inflated to 2018 at 3.5% annually and \$815,000 in land purchase and site development 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	\$1,739,750	\$1,739,750	\$3,479,500
<b>Total</b>	<b>\$1,739,750</b>	<b>\$1,739,750</b>	<b>\$3,479,500</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2018	\$347,950	\$3,131,550	\$3,479,500
<b>Total</b>	<b>\$347,950</b>	<b>\$3,131,550</b>	<b>\$3,479,500</b>

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

\* Rural contribution shown is an estimate subject to future negotiation between the Loveland Fire Rescue Authority partners. It is quoted here at 50%.

# Open Land Acquisition & Restoration

\*\*\*\*\*

Department:  
Parks & Recreation

Division:  
Open Lands

Project Manager:  
Rob Burdine

Phone Number:  
970.962.2728

Email:  
Burdin@ci.loveland.co.us

Project Category:  
Land

Project Number:  
Annual Program

Duration:  
2014-2024

\*\*\*\*\*

**Total Project Cost:  
\$18,436,690**

## About the Project

Acquisition and development 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	\$ 3,403,320	\$ 4,120	\$ 3,407,440
2015	\$ 4,670,000		\$ 4,670,000
2016	\$ 2,851,000		\$ 2,851,000
2017	\$ 1,575,000		\$ 1,575,000
2018	\$ 200,000	\$ 2,975,000	\$ 3,175,000
2019	\$ 290,000		\$ 290,000
2020	\$ -	\$ 642,660	\$ 642,660
2021	\$ 225,000		\$ 225,000
2022	\$ 10,000	\$ 500,000	\$ 510,000
2023	\$ 70,000	\$ 400,000	\$ 470,000
2024	\$ 20,000	\$ 400,000	\$ 420,000
<b>Total</b>	<b>\$ 13,314,320</b>	<b>\$ 5,122,370</b>	<b>\$ 18,436,690</b>

Project Cost Estimates by Year			
Elements	Land/Planning	Construction	Total
2014	\$ 251,7000	\$ 890,440	\$ 3,407,440
2015	\$ 2,900,000	\$ 1,770,000	\$ 4,670,000
2016	\$ 1,551,000	\$ 1,300,000	\$ 2,851,000
2017	\$ 800,000	\$ 775,000	\$ 1,575,000
2018	\$ ,975,000	\$ 200,000	\$ 3,175,000
2019	-	\$ 290,000	\$ 290,000
2020	\$ 642,660	-	\$ 642,660
2021	-	\$ 225,000	\$ 225,000
2022	\$ 500,000	\$ 10,000	\$ 510,000
2023	\$ 400,000	\$ 470,000	\$ 470,000
2024	\$ 400,000	\$ 20,000	\$ 420,000
<b>Total</b>	<b>\$ 12,886,250</b>	<b>\$ 5,550,440</b>	<b>\$ 18,436,690</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2023*					
<b>Total</b>					

\*Dependent upon site development

# Recreation Trail

\*\*\*\*\*

Department:  
Parks & Recreation

Division:  
Trails

Project Manager:  
Janet Meisel-Burns

Phone Number:  
970.962.2451

Email:  
meisej@ci.loveland.co.us

Project Category:  
Construction

Project Number:  
Annual Program

Duration:  
2014-2024

\*\*\*\*\*

**Total Project  
Cost:  
\$5,072,800**

## 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	\$ 123,090	\$ 300,000	\$ 423,090
2015	\$ 113,770	\$ 830,330	\$ 944,100
2016	-	\$ 325,190	\$ 325,190
2017	\$ 616,910	\$ 475,230	\$1,092,140
2018	-	\$ 113,280	\$ 113,280
2019	-	\$ 200,000	\$ 200,000
2020	-	\$ 225,000	\$ 225,000
2021	\$ 500,000	\$ 200,000	\$ 700,00
2022		\$ 225,000	\$ 225,000
2023	\$ 400,000	\$ 225,000	\$ 625,000
2024	-	\$ 200,000	\$ 200,000
<b>Total</b>	<b>\$1,753,770</b>	<b>\$3,319,030</b>	<b>\$5,072,800</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2014		\$ 423,090	\$ 423,090
2015		\$ 944,100	\$ 944,100
2016		\$ 325,190	\$ 325,190
2017		\$1,092,140	\$1,092,140
2018		\$ 113,280	\$ 113,280
2019		\$ 200,000	\$ 200,000
2020		\$ 225,000	\$ 225,000
2021		\$ 700,00	\$ 700,00
2022		\$ 225,000	\$ 225,000
2023		\$ 625,000	\$ 625,000
2024		\$ 200,000	\$ 200,000
<b>Total</b>		<b>\$5,072,800</b>	<b>\$5,072,800</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
<b>Total</b>					

\*No additional operating funding requested at this time.

# Golf Course Projects

\*\*\*\*\*

Department:  
Parks & Recreation

Division:  
Golf

Project Manager:  
Steve Southard

Phone Number:  
962-2454

Email:  
Steve.southard@cityofloveland.org

Project Category:  
Improvements/Construction

Project Number:  
TBD

Duration:  
2014-2024

\*\*\*\*\*

**Total Project Cost:  
\$16,325,414**

## About the Project

Planned projects at Loveland’s golf courses subject to cashflows in the Golf Fund. Identified projects include golf course improvements, Mariana Butte Dry Creek, parking lots, bunker, tees, and putting green improvements, Olde Course maintenance building and Olde Course clubhouse.



Funding Sources		
	Golf Fund	Total
2014	\$ 701,270	\$ 701,270
2015	\$ 727,830	\$ 727,830
2016	\$ 809,570	\$ 809,570
2017	\$ 737,820	\$ 737,820
2018	\$ 409,030	\$ 409,030
2019	\$ 255,860	\$ 255,860
2020	\$ 195,520	\$ 195,520
2021	\$ 209,730	\$ 209,730
2022	\$ 630,410	\$ 630,410
2023	\$ 573,460	\$ 573,460
2024	\$2,597,000	\$2,597,000
<b>Total</b>	<b>\$7,146,230</b>	<b>\$7,146,230</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2014		\$ 701,270	\$ 701,270
2015		\$ 727,830	\$ 727,830
2016		\$ 809,570	\$ 809,570
2017		\$ 737,820	\$ 737,820
2018		\$ 409,030	\$ 409,030
2019		\$ 255,860	\$ 255,860
2020		\$ 195,520	\$ 195,520
2021		\$ 209,730	\$ 209,730
2022		\$ 630,410	\$ 630,410
2023	\$150,000	\$ 423,460	\$ 573,460
2024		\$2,338,800	\$2,597,000
<b>Total</b>	<b>\$150,000</b>	<b>\$6,996,230</b>	<b>\$7,146,230</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
<b>Total</b>					

\*Operations impact unknown at this time.

# Fairgrounds Park Expansion

\*\*\*\*\*

Department:  
Parks & Recreation

Division:  
Parks

Project Manager:  
Gary Havener

Phone Number:  
970.962.2456

Email:  
[haveng@ci.loveland.co.us](mailto:haveng@ci.loveland.co.us)

Project Category:  
TBD

Project Number:  
TBD

Duration:  
2018-2019

**Total Project  
Cost:  
\$500,000**

## 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 in revenues is anticipated from arena event revenue.

Funding Sources			
Revenue	General Fund	Parks CEF	Total
2018		\$100,000	\$100,000
2019		\$400,000	\$400,000
<b>Total</b>		<b>\$500,000</b>	<b>\$500,000</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2018	\$100,000		\$100,000
2019		\$400,000	\$400,000
<b>Total</b>	<b>\$100,000</b>	<b>\$400,000</b>	<b>\$500,000</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2020	\$21,000	\$3,600	\$5,400	\$30,000	
<b>Total</b>	<b>\$21,000</b>	<b>\$3,600</b>	<b>\$5,400</b>	<b>\$30,000</b>	

Revenues					
2020	\$5,000				
<b>Total</b>	<b>\$5,000</b>				

# Loveland Sports Park

\*\*\*\*\*

Department:  
Parks & Recreation

Division:  
Park

Project Manager:  
Gary Havener

Phone Number:  
970.962.2456

Email:  
haveng@ci.loveland.co.us

Project Category:  
TBD

Project Number:  
TBD

Duration:  
2017-2018

\*\*\*\*\*

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

## 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) building, 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	
2017	\$ 300,000			\$ 300,000	
2018	\$2,700,000			\$2,700,000	
<b>Total</b>	<b>\$3,000,000</b>			<b>\$3,000,000</b>	
Project Cost Estimates by Year					
Elements	Planning	Construction		Total	
2017	\$300,000			\$ 300,000	
2018		\$2,700,000		\$2,700,000	
<b>Total</b>	<b>\$300,000</b>	<b>\$2,700,000</b>		<b>\$3,000,000</b>	
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2019	\$91,000	\$16,000	\$13,000	\$120,000	1.61
<b>Total</b>	<b>\$91,000</b>	<b>\$16,000</b>	<b>\$13,000</b>	<b>\$120,000</b>	<b>1.61</b>
Revenues					
2019	\$22,000			\$22,000	
<b>Total</b>	<b>\$22,000</b>			<b>\$22,000</b>	



# Park Renovations Projects

\*\*\*\*\*

Department:  
Parks & Recreation

Division:  
Park

Project Manager:  
Gary Havener

Phone Number:  
970.962.2456

Email:  
haveng@ci.loveland.co.us

Project Category:  
Construction

Project Number:  
Annual Program

Duration:  
2014-2024

\*\*\*\*\*

**Total Project Cost:  
\$1,510,000**

## 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
2015	\$ 300,000	\$ 300,000
2016	\$ 310,000	\$ 310,000
2017	\$ 100,000	\$ 100,000
2018	\$ 300,000	\$ 300,000
2019	-	-
2020	\$ 100,000	\$ 100,000
2021	\$ 200,000	\$ 200,000
2022	-	-
2023	\$ 200,000	\$ 200,000
2024	-	-
<b>Total</b>	<b>\$1,510,000</b>	<b>\$1,510,000</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2015		\$ 300,000	\$ 300,000
2016		\$ 310,000	\$ 310,000
2017		\$ 100,000	\$ 100,000
2018		\$ 300,000	\$ 300,000
2019		-	-
2020		\$ 100,000	\$ 100,000
2021		\$ 200,000	\$ 200,000
2022		-	-
2023		\$ 200,000	\$ 200,000
2024		-	-
<b>Total</b>		<b>\$1,510,000</b>	<b>\$1,510,000</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
<b>Total</b>					

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

# Neighborhood Parks

\*\*\*\*\*

Department:  
Parks & Recreation

Division:  
Park

Project Manager:  
Larry Callihan

Phone Number:  
970.962.2547

Email:  
callil@ci.loveland.co.us

Project Category:  
Construction

Project Number:  
TBD

Duration:  
2015-2023

\*\*\*\*\*

**Total Project Cost:  
\$3,500,000**

## 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	
2015	\$300,000			\$300,000	
2019	\$300,000			\$300,000	
2020	\$1,450,000			\$1,450,000	
2023	\$1,450,000			\$1,450,000	
<b>Total</b>	<b>\$3,500,000</b>			<b>\$3,500,000</b>	
Project Cost Estimates by Year					
Elements	Land/Planning	Construction		Total	
2015	\$ 300,000			\$ 300,000	
2019	\$ 300,000			\$ 300,000	
2020	\$ 200,000	\$1,250,000		\$1,450,000	
2023	\$ 200,000	\$1,250,000		\$1,450,000	
<b>Total</b>	<b>\$1,000,000</b>	<b>\$1,500,000</b>		<b>\$3,500,000</b>	
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2021	\$30,000	\$7,000	\$3,000	\$40,000	
2024	\$30,000	\$7,000	\$3,000	\$40,000	
<b>Total</b>	<b>\$60,000</b>	<b>\$14,000</b>	<b>\$6,000</b>	<b>\$80,000</b>	

# Community Park Phase I

\*\*\*\*\*

Department:  
Parks & Recreation

Division:  
Park

Project Manager:  
Larry Callihan

Phone Number:  
970.962.2547

Email:  
callil@ci.loveland.co.us

Project Category:  
Construction

Project Number:  
TBD

Duration:  
2024

\*\*\*\*\*

**Total Project  
Cost:  
\$9,000,000**

## About the Project

New community park land acquisition and development to meet park standards identified in the Master Plan.



Funding Sources						
Revenue	General Fund		Parks CEF		Total	
2024	4,500,000		\$4,500,000		\$9,000,000	
<b>Total</b>	<b>\$4,500,000</b>		<b>\$4,500,000</b>		<b>\$9,000,000</b>	
Project Cost Estimates by Year						
Elements	Planning		Construction		Total	
2024	\$1,000,000		\$8,000,000		\$9,000,000	
<b>Total</b>	<b>\$1,000,000</b>		<b>\$8,000,000</b>		<b>\$9,000,000</b>	
Estimated Initial Operations Impact						
	Personnel	Supplies	Purchased Services		Total	FTE
<b>Total</b>						

\*Operations impact unknown at this time.

# Kroh Park

\*\*\*\*\*

Department:  
Parks & Recreation

Division:  
Parks

Project Manager:  
Larry Callihan

Phone Number:  
970.962.2547

Email:  
callil@ci.loveland.co.us

Project Category:  
Construction

Project Number:  
TBD

Duration:  
2020-2021

\*\*\*\*\*

**Total Project  
Cost:  
\$1,800,000**

## 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	\$ 400,590	\$ 400,590
2021	\$1,500,000	\$1,500,000
<b>Total</b>	<b>\$1,900,590</b>	<b>\$1,900,590</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2020	\$400,590		\$ 400,590
2021	-	\$1,500,000	\$1,500,000
<b>Total</b>	<b>\$400,590</b>	<b>\$1,500,000</b>	<b>\$1,900,590</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2022*	\$18,000	6,000	\$6,000	\$30,000	
<b>Total</b>	<b>\$18,000</b>	<b>\$6,000</b>	<b>\$6,000</b>	<b>\$30,000</b>	

\*Operations impact unknown at this time.

# Junior Achievement Park

\*\*\*\*\*

Department:  
Parks & Recreation

Division:  
Parks

Project Manager:  
Larry Callihan

Phone Number:  
970.962.2547

Email:  
callil@ci.loveland.co.us

Project Category:  
Construction

Project Number:  
TBD

Duration:  
2018

\*\*\*\*\*

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

## About the Project

Project scope includes acquisition land adjacent to 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 existing ball field.



Funding Sources					
Revenue	Parks Improvement	Parks CEF	Total		
2018	\$500,000	\$250,000	<b>\$750,000</b>		
<b>Total</b>	<b>\$500,000</b>	<b>\$250,000</b>	<b>\$750,000</b>		
Project Cost Estimates by Year					
Elements	Planning	Construction	Total		
2018	\$100,000	\$650,000	\$750,000		
<b>Total</b>	<b>\$100,000</b>	<b>\$650,000</b>	<b>750,000</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
<b>Total</b>					

\*Operations impact unknown at this time.

# North Lake Park

\*\*\*\*\*

Department:  
Parks & Recreation

Division:  
Parks

Project Manager:  
Larry Callihan

Phone Number:  
970.962.2547

Email:  
callil@ci.loveland.co.us

Project Category:  
Construction

Project Number:  
TBD

Duration:  
2017-2018

\*\*\*\*\*

**Total Project  
Cost:  
\$1,100,000**

## About the Project

Improvements to 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	Conservation Trust	Total
2017		\$100,000	\$100,000
2018	\$500,000	\$500,000	\$1,000,000
<b>Total</b>	<b>\$500,000</b>	<b>\$600,000</b>	<b>\$1,100,000</b>

Project Cost Estimates by Year			
	Planning	Construction	Total
2017	\$100,000		\$100,000
2018	\$150,000	\$850,000	\$1,000,000
<b>Total</b>	<b>\$250,000</b>	<b>\$850,000</b>	<b>\$1,100,000</b>

Estimated Initial Operations Impact						
	Personnel	Supplies	Purchased Services		Total	FTE
2019*						
<b>Total</b>						

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

Revenues					
2019	\$3,000			\$3,000	
	<b>\$3,000</b>			<b>\$3,000</b>	

# Cemetery Maintenance Shop

\*\*\*\*\*

Department:  
Parks & Recreation

Division:  
Parks

Project Manager:  
Larry Callihan

Phone Number:  
970.962.2547

Email:  
callil@ci.loveland.co.us

Project Category:  
Construction

Project Number:  
TBD

Duration:  
2015-2016

\*\*\*\*\*

**Total Project  
Cost:  
\$589,000**

## 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.



Demolition and removal of the maintenance shop from site and conversion of building footprint to traditional burial lots for sale to public. Construction of new 2,200 SFT building 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
2015	\$118,000	\$118,000
2016	\$471,000	\$471,000
<b>Total</b>	<b>\$589,000</b>	<b>\$589,000</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2015	\$118,000		<b>\$118,000</b>
2016		471,000	<b>\$471,000</b>
<b>Total</b>	<b>\$118,000</b>	<b>\$471,000</b>	<b>\$589,000</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016					
<b>Total</b>					

# Outdoor Aquatic Facility

\*\*\*\*\*

Department:  
Parks & Recreation

Division:  
Recreation

Project Manager:  
Keven Aggers

Phone Number:  
962-2449

Email:  
Keven.aggers@cityofloveland.org

Project Category:  
Construction

Project Number:  
TBD

Duration:  
2016

\*\*\*\*\*

**Total Project Cost:  
\$3,250,000**

## About the Project

This project would include the addition of an additional outdoor aquatic facility in Loveland. There is a continued demand for outdoor aquatic amenities and that demand was reiterated in the community results of the Master Plan update.



Funding Sources		
Revenue	Recreation CEF	Total
2015	\$ 250,000	\$ 250,000
2016	\$3,000,000	\$3,000,000
<b>Total</b>	<b>\$3,250,000</b>	<b>\$3,250,000</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2015	\$250,000		\$250,000
2016		\$3,000,000	\$3,000,000
<b>Total</b>	<b>\$250,000</b>	<b>\$3,000,000</b>	<b>\$3,250,000</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016	\$115,000	\$15,000	\$10,000	\$140,000	
<b>Total</b>	<b>\$115,000</b>	<b>\$15,000</b>	<b>\$10,000</b>	<b>\$140,000</b>	

Revenue of \$120K



# ADA Transition Plan Update

\*\*\*\*\*

Department:  
Parks & Recreation

Division:  
Recreation

Project Manager:  
Larry Callihan

Phone Number:  
962-2547

Email:  
Larry.Callihan@cityofloveland.org

Project Category:  
Planning

Project Number:  
TBD

Duration:  
2017

\*\*\*\*\*

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

## About the Project

This project would include the update of the 1998 ADA Transitional Plan for Parks and Recreation Facilities and sites to evaluate our conformance to Federal mandates set forth in the Americans with Disabilities Act. Deficits were identified in the Park System as part of our 2014 Master Plan that will need to be addressed. All new sites are developed utilizing the most recent standards but many older facilities (ie restrooms, neighborhood parks, etc...) do not meet the mandated design standards.



Funding Sources		
Revenue	General Fund	Total
2017	\$200,000	\$200,000
<b>Total</b>	<b>\$200,000</b>	<b>\$200,000</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2017	\$200,000		\$200,000
<b>Total</b>	<b>\$200,000</b>		<b>\$200,000</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE

# Police Records Management System

\*\*\*\*\*

Department:  
Police

Division:  
Information Services

Project Manager:  
Rob McDaniel

Phone Number:  
970.962.2278

Email:  
Rob.Mcdaniel@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
<b>Total</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>

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

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2015*					
<b>Total</b>					

\* 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:  
2015-2017

\*\*\*\*\*

**Total Project  
Cost:  
\$11,720,000**

## 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 designed and then built in two phases, with the site and driving course to be followed by the firing ranges and 8 classrooms.

The Fort Collins Police Services will split project cost estimated at a total of \$23.4 million.

Funding Sources			
Revenue	General Fund	Police CEF	Total
2015	-	\$1,000,000	<b>\$1,000,000</b>
2016	-	\$4,000,000	<b>\$4,000,000</b>
2017	\$5,620,000	\$1,100,000	<b>\$6,720,000</b>
<b>Total</b>	<b>\$9,500,000</b>	<b>\$2,220,000</b>	<b>\$11,720,000</b>

Project Cost Estimates by Year			
Elements	Planning	Capital	Total
2015	\$1,000,000	-	<b>\$1,000,000</b>
2016	-	\$4,000,000	<b>\$4,000,000</b>
2017	-	\$6,720,000	<b>\$6,720,000</b>
<b>Total</b>	<b>\$1,000,000</b>	<b>\$10,720,000</b>	<b>\$11,720,000</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2018*					
<b>Total</b>					

\* Operations impact is unknown at this time

# 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		\$573,760	\$573,760
2018		\$593,840	\$593,840
2019		\$614,540	\$614,540
2020		\$636,070	\$636,070
2021		\$658,320	\$658,320
2022		\$681,430	\$681,430
2023		\$705,280	\$705,280
2024		\$730,010	\$730,010
<b>Total</b>		<b>\$6,283,210</b>	<b>\$6,283,210</b>

Project Cost Estimates by Year			
Elements	Planning	Capital	Total
2014	-	\$517,500	\$517,500
2015	-	\$535,610	\$535,610
2016	-	\$554,360	\$554,360
2017	-	\$573,760	\$573,760
2018	-	\$593,840	\$593,840
2019	-	\$614,540	\$614,540
2020	-	\$636,070	\$636,070
2021	-	\$658,320	\$658,320
2022	-	\$681,430	\$681,430
2023	-	\$705,280	\$705,280
2024	-	\$730,010	\$730,010
<b>Total</b>	-	<b>\$6,283,210</b>	<b>\$6,283,210</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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	<b>\$635,730</b>
<b>Total</b>	<b>\$635,730</b>	<b>\$635,730</b>

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

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016*					
<b>Total</b>					

\*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:**  
**\$51,010,600**

## 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
2015	\$2,224,840	\$2,224,840	\$4,449,680
2016	\$2,291,580	\$2,291,580	\$4,583,170
2017	\$2,360,330	\$2,360,330	\$4,720,670
2018	\$2,431,140	\$2,431,140	\$4,862,290
2019	\$2,504,080	\$2,504,080	\$5,008,160
2020	\$2,579,200	\$2,579,200	\$5,158,400
2021	\$2,656,570	\$2,656,580	\$5,313,150
2022	\$2,736,270	\$2,736,270	\$5,472,540
2023	\$2,818,360	\$2,818,360	\$5,636,720
2024	\$2,902,910	\$2,902,910	\$5,805,820
<b>Total</b>	<b>\$25,505,300</b>	<b>\$25,505,300</b>	<b>\$51,010,600</b>

Project Cost Estimates by Year			
Elements	Planning	Capital	Total
2015	\$72,000	\$4,377,680	\$4,449,680
2016	\$20,000	\$4,563,170	\$4,583,170
2017	\$76,000	\$4,644,670	\$4,720,670
2018	\$20,000	\$4,842,290	\$4,862,290
2019	\$60,000	\$4,948,160	\$5,008,160
2020	\$20,000	\$5,138,400	\$5,158,400
2021	\$72,000	\$5,241,150	\$5,313,150
2022	\$20,000	\$5,452,540	\$5,472,540
2023	\$76,000	\$5,560,720	\$5,636,720
2024	\$20,000	\$5,785,820	\$5,805,820
<b>Total</b>	<b>\$456,000</b>	<b>\$50,554,600</b>	<b>\$51,010,600</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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:  
\$35,648,690**

## 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
2015	\$1,654,370	\$1,654,370	<b>\$3,308,740</b>
2016	\$1,420,100	\$1,420,100	<b>\$2,840,200</b>
2017	\$1,758,475	\$1,758,475	<b>\$3,516,950</b>
2018	\$1,518,540	\$1,518,540	<b>\$3,037,080</b>
2019	\$1,903,345	\$1,903,345	<b>\$3,806,690</b>
2020	\$1,724,945	\$1,724,945	<b>\$3,449,890</b>
2021	\$2,022,390	\$2,022,390	<b>\$4,044,780</b>
2022	\$1,783,740	\$1,783,740	<b>\$3,567,480</b>
2023	\$2,143,055	\$2,143,055	<b>\$4,286,110</b>
2024	\$1,895,385	\$1,895,385	<b>\$3,790,770</b>
<b>Total</b>	<b>\$17,824,345</b>	<b>\$17,824,345</b>	<b>\$35,648,690</b>

Project Cost Estimates by Year			
Elements	Planning	Capital	Total
2015	\$20,000	\$3,288,740	<b>\$3,308,740</b>
2016	\$20,000	\$2,820,200	<b>\$2,840,200</b>
2017	\$20,000	\$3,496,950	<b>\$3,516,950</b>
2018	\$20,000	\$3,017,080	<b>\$3,037,080</b>
2019	\$20,000	\$3,786,690	<b>\$3,806,690</b>
2020	\$20,000	\$3,429,890	<b>\$3,449,890</b>
2021	\$20,000	\$4,024,780	<b>\$4,044,780</b>
2022	\$20,000	\$3,547,480	<b>\$3,567,480</b>
2023	\$20,000	\$4,266,110	<b>\$4,286,110</b>
2024	\$20,000	\$3,770,770	<b>\$3,790,770</b>
<b>Total</b>	<b>\$200,000</b>	<b>\$35,448,690</b>	<b>\$35,648,690</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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:  
2015-2024

\*\*\*\*\*

**Total Project Cost:  
\$3,456,000**

## 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
2015	\$26,000	\$26,000	\$52,000
2016	\$325,000	\$325,000	\$650,000
2017	\$28,000	\$28,000	\$56,000
2018	\$350,000	\$350,000	\$700,000
2019	\$20,000	\$20,000	\$40,000
2020	\$250,000	\$250,000	\$500,000
2021	\$26,000	\$26,000	\$52,000
2022	\$325,000	\$325,000	\$650,000
2023	\$28,000	\$28,000	\$56,000
2024	\$350,000	\$350,000	\$700,000
<b>Total</b>	<b>\$1,728,000</b>	<b>\$1,728,000</b>	<b>\$3,456,000</b>

Project Cost Estimates by Year			
Elements	Planning	Capital	Total
2015	\$52,000	\$0	\$52,000
2016	-	\$650,000	\$650,000
2017	\$56,000	\$0	\$56,000
2018	-	\$700,000	\$700,000
2019	\$40,000	\$0	\$40,000
2020	-	\$500,000	\$500,000
2021	\$52,000	\$0	\$52,000
2022	-	\$650,000	\$650,000
2023	\$56,000	\$0	\$56,000
2024	-	\$700,000	\$700,000
<b>Total</b>	<b>\$256,000</b>	<b>\$3,200,000</b>	<b>\$3,456,000</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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:  
2015-2024

\*\*\*\*\*

**Total Project Cost:  
\$9,235,910**

## 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
2015	\$409,470	\$409,470	<b>\$818,940</b>
2016	\$421,485	\$421,485	<b>\$842,970</b>
2017	\$433,860	\$433,860	<b>\$867,720</b>
2018	\$437,605	\$437,605	<b>\$875,210</b>
2019	\$450,735	\$450,735	<b>\$901,470</b>
2020	\$464,255	\$464,255	<b>\$928,510</b>
2021	\$478,185	\$478,185	<b>\$956,370</b>
2022	\$492,530	\$492,530	<b>\$985,060</b>
2023	\$507,305	\$507,305	<b>\$1,014,610</b>
2024	\$522,525	\$522,525	<b>\$1,045,050</b>
<b>Total</b>	<b>\$4,617,955</b>	<b>\$4,617,955</b>	<b>\$9,235,910</b>

Project Cost Estimates by Year			
Elements	Planning	Capital	Total
2015	-	\$818,940	<b>\$818,940</b>
2016	-	\$842,970	<b>\$842,970</b>
2017	-	\$867,720	<b>\$867,720</b>
2018	-	\$875,210	<b>\$875,210</b>
2019	-	\$901,470	<b>\$901,470</b>
2020	-	\$928,510	<b>\$928,510</b>
2021	-	\$956,370	<b>\$956,370</b>
2022	-	\$985,060	<b>\$985,060</b>
2023	-	\$1,014,610	<b>\$1,014,610</b>
2024	-	\$1,045,050	<b>\$1,045,050</b>
<b>Total</b>	<b>\$0</b>	<b>\$9,235,910</b>	<b>\$9,235,910</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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:  
2015-2024

\*\*\*\*\*

## Total Project Cost: \$2,670,000

### 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.

<b>Funding Sources</b>			
Revenue	HUTF	Transportation Fee	Total
2015	\$135,000	\$135,000	<b>\$270,000</b>
1016	\$125,000	\$125,000	<b>\$250,000</b>
2017	\$140,000	\$140,000	<b>\$280,000</b>
2018	\$125,000	\$125,000	<b>\$250,000</b>
2019	\$130,000	\$130,000	<b>\$260,000</b>
2020	\$140,000	\$140,000	<b>\$280,000</b>
2021	\$130,000	\$130,000	<b>\$260,000</b>
2022	\$135,000	\$135,000	<b>\$270,000</b>
2023	\$140,000	\$140,000	<b>\$280,000</b>
2024	\$135,000	\$135,000	<b>\$270,000</b>
<b>Total</b>	<b>\$1,335,000</b>	<b>\$1,335,000</b>	<b>\$2,670,000</b>

<b>Project Cost Estimates by Year</b>			
Elements	Planning	Capital	Total
2015	-	\$270,000	<b>\$270,000</b>
2016	-	\$250,000	<b>\$250,000</b>
2017	-	\$280,000	<b>\$280,000</b>
2018	-	\$250,000	<b>\$250,000</b>
2019	-	\$260,000	<b>\$260,000</b>
2020	-	\$280,000	<b>\$280,000</b>
2021	-	\$260,000	<b>\$260,000</b>
2022	-	\$270,000	<b>\$270,000</b>
2023	-	\$280,000	<b>\$280,000</b>
2024	-	\$270,000	<b>\$270,000</b>
<b>Total</b>	-	<b>\$2,670,000</b>	<b>\$2,670,000</b>

<b>Estimated Initial Operations Impact</b>					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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:  
2016 - 2021

\*\*\*\*\*

**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	\$613,200	\$613,200
2016	\$85,000	\$85,000
2018	\$1,060,000	\$1,060,000
2019	\$465,000	\$465,000
2021	\$6,030,000	\$6,030,000
<b>Total</b>	<b>\$8,253,200</b>	<b>\$8,253,200</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
Prior Years	\$613,200	\$0	\$613,200
2016	\$85,000	\$0	\$85,000
2018	\$0	\$1,060,000	\$1,060,000
2019	\$465,000	\$0	\$465,000
2021	\$0	\$6,030,000	\$6,030,000
<b>Total</b>	<b>\$1,163,200</b>	<b>\$7,090,000</b>	<b>\$8,253,200</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2022*					
<b>Total</b>					

\* 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:  
2016

\*\*\*\*\*

**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		
2016		\$600,000	\$600,000		
<b>Total</b>		<b>\$600,000</b>	<b>\$600,000</b>		
Project Cost Estimates by Year					
Elements	Planning	Construction	Total		
2016	-	\$600,000	\$600,000		
<b>Total</b>	-	<b>\$600,000</b>	<b>\$600,000</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2017*					
<b>Total</b>					

\* 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:  
2016 – 2018

\*\*\*\*\*

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

## About the Project

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

Funding Sources					
Revenue	Enterprise			Total	
2016			\$100,000	<b>\$100,000</b>	
2018			\$930,000	<b>\$930,000</b>	
<b>Total</b>			<b>\$1,030,000</b>	<b>\$1,030,000</b>	
Project Cost Estimates by Year					
Elements	Planning	Construction		Total	
2016	\$100,000		-	<b>\$100,000</b>	
2018	-		\$930,000	<b>\$930,000</b>	
<b>Total</b>	<b>\$100,000</b>		<b>\$930,000</b>	<b>\$1,030,000</b>	
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2020*					
<b>Total</b>					

\* 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:

2015 - 2024

\*\*\*\*\*

**Total Project  
Cost:  
\$5,250,000**

## 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.

Funding Sources		
Revenue	Enterprise	Total
2015	\$475,000	\$475,000
2016	\$975,000	\$975,000
2017	\$475,000	\$475,000
2018	\$475,000	\$475,000
2019	\$475,000	\$475,000
2020	\$475,000	\$475,000
2021	\$475,000	\$475,000
2022	\$475,000	\$475,000
2023	\$475,000	\$475,000
2024	\$475,000	\$475,000
<b>Total</b>	<b>\$5,250,000</b>	<b>\$5,250,000</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2015	-	\$475,000	\$475,000
2016	-	\$975,000	\$975,000
2017	-	\$475,000	\$475,000
2018	-	\$475,000	\$475,000
2019	-	\$475,000	\$475,000
2020	-	\$475,000	\$475,000
2021	-	\$475,000	\$475,000
2022	-	\$475,000	\$475,000
2023	-	\$475,000	\$475,000
2024	-	\$475,000	\$475,000
<b>Total</b>	<b>-</b>	<b>\$5,250,000</b>	<b>\$5,250,000</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2025*					
<b>Total</b>					

\* 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:  
\$1,551,590**

## 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.

<b>Funding Sources</b>		
Revenue	Enterprise	Total
Prior Years	\$201,590	<b>\$201,590</b>
2015	\$200,000	<b>\$200,000</b>
2017	\$400,000	<b>\$400,000</b>
2024	\$750,000	<b>\$750,000</b>
<b>Total</b>	<b>\$1,551,590</b>	<b>\$1,551,590</b>

<b>Project Cost Estimates by Year</b>			
Elements	Planning	Construction	Total
Prior	\$201,590	-	<b>\$201,590</b>
2015	\$200,000	-	<b>\$200,000</b>
2017	-	\$400,000	<b>\$400,000</b>
2024	-	\$750,000	<b>\$750,000</b>
<b>Total</b>	<b>\$401,590</b>	<b>\$1,150,000</b>	<b>\$1,551,590</b>

<b>Estimated Initial Operations Impact</b>					
	Personnel	Supplies	Purchased Services	Total	FTE
2022*					
<b>Total</b>					

\* 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:  
2015 - 2024

\*\*\*\*\*

**Total Project  
Cost:  
\$4,910,900**

## 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
2015	\$563,000	\$563,000
2016	\$302,000	\$302,000
2017	\$413,400	\$413,400
2018	\$542,000	\$542,000
2019	\$377,500	\$377,500
2020	\$353,000	\$353,000
2021	\$368,000	\$368,000
2022	\$910,000	\$910,000
2023	\$669,000	\$669,000
2024	\$413,000	\$413,000
<b>Total</b>	<b>\$4,910,900</b>	<b>\$4,910,900</b>

Project Cost Estimates by Year			
Elements	Planning	Equipment	Total
2015	-	\$563,000	\$563,000
2016	-	\$302,000	\$302,000
2017	-	\$413,400	\$413,400
2018	-	\$542,000	\$542,000
2019	-	\$377,500	\$377,500
2020	-	\$353,000	\$353,000
2021	-	\$368,000	\$368,000
2022	-	\$910,000	\$910,000
2023	-	\$669,000	\$669,000
2024	-	\$413,000	\$413,000
<b>Total</b>	-	<b>\$4,958,400</b>	<b>\$4,910,900</b>

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
<b>Total</b>	<b>\$172,000</b>	<b>\$2,000</b>	<b>\$40,000</b>	<b>\$214,000</b>	<b>2</b>



# 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:  
2020 - 2024

\*\*\*\*\*

**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, 1<sup>st</sup> 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
2020	\$650,000	<b>\$650,000</b>
2022	\$5,300,000	<b>\$5,300,000</b>
2024	\$5,700,000	<b>\$5,700,000</b>
<b>Total</b>	<b>\$11,650,000</b>	<b>\$11,650,000</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2020	\$650,000	-	<b>\$650,000</b>
2022	-	\$5,300,000	<b>\$5,300,000</b>
2024	-	\$5,700,000	<b>\$5,700,000</b>
<b>Total</b>	<b>\$650,000</b>	<b>\$11,000,000</b>	<b>\$11,650,000</b>

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

\* 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:  
2022 - 2023

\*\*\*\*\*

**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	
2022	\$140,000			<b>\$140,000</b>	
2023	\$1,500,000			<b>\$1,500,000</b>	
<b>Total</b>	<b>\$1,640,000</b>			<b>\$1,640,000</b>	
Project Cost Estimates by Year					
Elements	Planning	Construction	Total		
2022	\$140,000	-	<b>\$140,000</b>		
2023	\$0	\$1,500,000	<b>\$1,500,000</b>		
<b>Total</b>	<b>\$140,000</b>	<b>\$1,500,000</b>	<b>\$1,640,000</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\* Operations impact negligible

# 16<sup>th</sup> 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:  
2022 – 2023

\*\*\*\*\*

**Total Project Cost:  
\$885,000**

## About the Project

A project to reduce flooding problems within the residential neighborhood located between Eisenhower Boulevard, 16<sup>th</sup> 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	
2022			\$85,000	<b>\$85,000</b>	
2023			\$800,000	<b>\$800,000</b>	
<b>Total</b>			<b>\$885,000</b>	<b>\$885,000</b>	
Project Cost Estimates by Year					
Elements	Planning	Construction		Total	
2022	\$85,000		-	<b>\$85,000</b>	
2023	-		\$800,000	<b>\$800,000</b>	
<b>Total</b>	<b>\$85,000</b>		<b>\$800,000</b>	<b>\$885,000</b>	
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\* 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:  
2024

\*\*\*\*\*

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

## About the Project

A project to reduce flooding problems along Wilson Avenue between Eisenhower Boulevard and 17<sup>th</sup> 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		
2024		\$450,000	<b>\$450,000</b>		
<b>Total</b>		<b>\$450,000</b>	<b>\$450,000</b>		
Project Cost Estimates by Year					
Elements	Planning	Construction	Total		
2024	\$450,000	-	<b>\$450,000</b>		
<b>Total</b>	<b>\$450,000</b>	-	<b>\$450,000</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
TBD*					
<b>Total</b>					

\* Operations impact negligible

# 29<sup>th</sup> & Sheridan Improvements

\*\*\*\*\*

Department:  
Public Works

Division:  
Stormwater Engineering

Project Manager:  
TBD

Phone Number:  
TBD

Email:  
TBD

Project Category:  
Capital Program

Project Number:  
TBD

Duration:  
2024

\*\*\*\*\*

**Total Project Cost:  
\$40,000**

## About the Project

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

Funding Sources					
Revenue	Enterprise			Total	
2024			\$40,000	<b>\$40,000</b>	
<b>Total</b>			<b>\$40,000</b>	<b>\$40,000</b>	
Project Cost Estimates by Year					
Elements	Planning	Construction		Total	
2024	\$40,000		-	<b>\$40,000</b>	
<b>Total</b>	<b>\$40,000</b>		-	<b>\$40,000</b>	
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
TBD*					
<b>Total</b>					

\* Operations impact negligible

# Baretta Drive Improvements

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Department:  
Public Works

Division:  
Stormwater Engineering

Project Manager:  
TBD

Phone Number:  
TBD

Email:  
TBD

Project Category:  
Capital Program

Project Number:  
TBD

Duration:  
2024

\*\*\*\*\*

**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.

Funding Sources					
Revenue	Enterprise			Total	
2024			\$70,000		\$70,000
<b>Total</b>			<b>\$70,000</b>		<b>\$70,000</b>
Project Cost Estimates by Year					
Elements	Planning	Construction		Total	
2024	\$70,000		\$0		\$70,000
<b>Total</b>	<b>\$70,000</b>		<b>\$0</b>		<b>\$70,000</b>
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
TBD*					
<b>Total</b>					

\* Operations impact negligible

## 2015- 2024 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 5<sup>th</sup> 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

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Department:  
Public Works

Division:  
Project Engineering

Project Manager:  
Dave Klockeman

Phone Number:  
970.962.2514

Email:  
[Dave.klockeman@cityofloveland.org](mailto:Dave.klockeman@cityofloveland.org)

Project Category:  
Annual Program

Project Number:  
NA

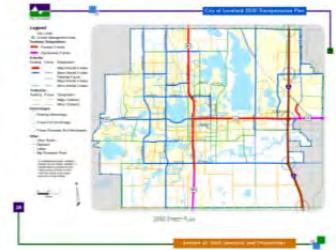
Duration:  
2015-2024

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**Total Project Cost:**  
**\$20,580,500**

## About the Project

- Annual On-Going Projects - \$8,625,000
- Reimbursement Projects - \$3,558,000
- Miscellaneous Projects - \$600,000
- Taft Avenue Phase II - \$1,380,000
- Madison Ave. (Silverleaf to 29th) - \$1,187,500
- Boise Ave. (Mt. Col. to 37th) - \$2,380,000
- 29<sup>th</sup> Street at Beech Court - \$550,000
- US 34 (Denver to I-25) - \$2,300,000



Funding Sources				
Revenue	General Fund	Streets CEF	Other	Total
2015	\$571,100	\$1,627,000	\$200,000	<b>\$2,398,000</b>
2016	\$526,000	\$1,324,000	-	<b>\$1,850,000</b>
2017	\$949,600	\$1,288,400	-	<b>\$2,238,000</b>
2018	\$461,000	\$1,569,000	-	<b>\$2,030,000</b>
2019	\$433,000	\$1,457,000	-	<b>\$1,890,000</b>
2020	\$437,000	\$1,537,000	-	<b>\$1,974,000</b>
2021	\$462,300	\$1,604,200	-	<b>\$2,066,500</b>
2022	\$498,500	\$1,526,500	-	<b>\$2,025,000</b>
2023	\$464,500	\$1,537,500	-	<b>\$2,002,000</b>
2024	\$498,500	\$1,608,500	-	<b>\$2,107,000</b>
<b>Total</b>	<b>\$5,301,400</b>	<b>\$15,079,100</b>	<b>\$200,000</b>	<b>\$20,580,500</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2015	\$198,000	\$2,200,000	<b>\$2,398,000</b>
2016	\$155,000	\$1,695,000	<b>\$1,850,000</b>
2017	\$230,000	\$2,008,000	<b>\$2,238,000</b>
2018	\$205,000	\$1,825,000	<b>\$2,030,000</b>
2019	\$165,000	\$1,725,000	<b>\$1,890,000</b>
2020	\$215,000	\$1,759,000	<b>\$1,974,000</b>
2021	\$240,500	\$1,826,000	<b>\$2,066,500</b>
2022	\$205,000	\$1,820,000	<b>\$2,025,000</b>
2023	\$210,000	\$1,792,000	<b>\$2,002,000</b>
2024	\$240,000	\$1,867,000	<b>\$2,107,000</b>
<b>Total</b>	<b>\$2,063,500</b>	<b>\$18,517,000</b>	<b>\$20,580,500</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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:

### Annual On-Going Projects

\*\*\*\*\*

Department:  
Public Works

Division:  
Project Engineering

Project Manager:  
Dave Klockeman

Phone Number:  
970.962.2514

Email:  
[Dave.klockeman@cityofloveland.org](mailto:Dave.klockeman@cityofloveland.org)

Project Category:  
Annual Program

Project Number:  
NA

Duration:  
2015-2024

\*\*\*\*\*

**Total Project Cost:  
\$8,625,000**

### About the Project

- Bike Route Signing and Striping - \$275,000**
- Bike Lane/Sidewalk Construction - \$650,000**
- Misc. Right-of-Way Acquisition - \$2,000,000**
- Small Capital Projects - \$1,650,000**
- Miscellaneous Repairs - \$2,250,000**
- Transportation Master Plan Update - \$200,000**
- Loveland ITS Upgrade (Traffic) - \$500,000**
- Signal System Interconnect (Traffic) - \$600,000**
- School Flasher Units (Traffic) - \$100,000**
- Miscellaneous Bridge Repairs - \$400,000**

Funding Sources			
Revenue	General Fund	Streets CEF	Total
2015	\$397,000	\$713,000	<b>\$1,110,000</b>
2016	\$306,000	\$544,000	<b>\$850,000</b>
2017	\$282,000	\$448,000	<b>\$730,000</b>
2018	\$261,000	\$439,000	<b>\$700,000</b>
2019	\$257,000	\$423,000	<b>\$680,000</b>
2020	\$261,000	\$439,000	<b>\$700,000</b>
2021	\$257,000	\$423,000	<b>\$680,000</b>
2022	\$338,500	\$526,500	<b>\$865,000</b>
2023	\$314,500	\$630,500	<b>\$1,145,000</b>
2024	\$318,500	\$646,500	<b>\$1,165,000</b>
<b>Total</b>	<b>\$2,992,500</b>	<b>\$5,232,500</b>	<b>\$8,625,000</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2015	\$115,000	\$995,000	<b>\$1,110,000</b>
2016	\$90,000	\$760,000	<b>\$850,000</b>
2017	\$80,000	\$650,000	<b>\$730,000</b>
2018	\$55,000	\$645,000	<b>\$700,000</b>
2019	\$55,000	\$625,000	<b>\$680,000</b>
2020	\$55,000	\$645,000	<b>\$700,000</b>
2021	\$55,000	\$625,000	<b>\$680,000</b>
2022	\$70,000	\$795,000	<b>\$865,000</b>
2023	\$100,000	\$1,045,000	<b>\$1,145,000</b>
2024	\$100,000	\$1,065,000	<b>\$1,165,000</b>
<b>Total</b>	<b>\$775,000</b>	<b>\$7,850,000</b>	<b>\$8,625,000</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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:  
[Dave.klockeman@cityoflove1and.org](mailto:Dave.klockeman@cityoflove1and.org)

Project Category:  
Annual Program

Project Number:  
NA

Duration:  
2015-2024

\*\*\*\*\*

**Total Project  
Cost:  
\$3,558,000**

### About the Project

- 43rd St (Wilson to Cascade) - \$842,000
- Crossroads Blvd (I-25 to Centerra Pkwy) - \$388,000
- US 34/Sculptor Intersection - \$1,105,000
- Sculptor Dr (US 34 to Mtn. Lion) - \$432,000
- US 34/Mtn. Lion Intersection - \$118,000
- Taft/14th St SW Intersection - \$359,000
- US 34/Mtn. View Intersection - \$314,000

Funding Sources			
Revenue	General Fund	Streets CEF	Total
2015	\$30,000	\$338,000	<b>\$368,000</b>
2016	\$30,000	\$220,000	<b>\$250,000</b>
2017	\$17,600	\$290,000	<b>\$308,000</b>
2018	-	\$380,000	<b>\$380,000</b>
2019	-	\$460,000	<b>\$460,000</b>
2020	-	\$474,000	<b>\$474,000</b>
2021	-	\$409,000	<b>\$409,000</b>
2022	-	\$360,000	<b>\$360,000</b>
2023	-	\$307,000	<b>\$307,000</b>
2024	-	\$242,000	<b>\$242,000</b>
<b>Total</b>	<b>\$77,600</b>	<b>\$3,480,400</b>	<b>\$3,558,400</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2015	-	\$368,000	<b>\$368,000</b>
2016	-	\$250,000	<b>\$250,000</b>
2017	-	\$308,000	<b>\$308,000</b>
2018	-	\$380,000	<b>\$380,000</b>
2019	-	\$460,000	<b>\$460,000</b>
2020	-	\$474,000	<b>\$474,000</b>
2021	-	\$409,000	<b>\$409,000</b>
2022	-	\$360,000	<b>\$360,000</b>
2023	-	\$307,000	<b>\$307,000</b>
2024	-	\$242,000	<b>\$242,000</b>
<b>Total</b>	-	<b>\$3,558,400</b>	<b>\$3,558,400</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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:  
[Dave.klockeman@cityoflove1and.org](mailto:Dave.klockeman@cityoflove1and.org)

Project Category:  
Annual Program

Project Number:  
NA

Duration:  
2015-2024

\*\*\*\*\*

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

### About the Project

37<sup>th</sup> and Madison Intersection - \$350,000  
Boyd Lake Ave. at GLIC Bridge - \$250,000



Funding Sources				
Revenue	General Fund	Streets CEF	Other	Total
2015	\$50,000	\$200,000	-	\$250,000
2021	\$20,000	\$80,000	-	\$100,000
2022	\$50,000	\$200,000	-	\$250,000
<b>Total</b>	<b>\$120,000</b>	<b>\$480,000</b>	-	<b>\$600,000</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2015	\$25,000	\$225,000	\$250,000
2021	\$10,000	\$90,000	\$100,000
2022	\$25,000	\$225,000	\$250,000
<b>Total</b>	<b>\$60,000</b>	<b>\$540,000</b>	<b>\$600,000</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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:  
[Dave.klockeman@cityoflove1and.org](mailto:Dave.klockeman@cityoflove1and.org)

Project Category:  
 Annual Program

Project Number:  
 NA

Duration:  
 2015-2024

\*\*\*\*\*

**Total Project Cost:  
 \$1,380,000**

## 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 2024, 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
2015	\$76,000	\$304,000	<b>\$380,000</b>
2016	\$80,000	\$320,000	<b>\$400,000</b>
2017	\$40,000	\$160,000	<b>\$200,000</b>
2018	\$40,000	\$160,000	<b>\$200,000</b>
2019	\$40,000	\$160,000	<b>\$200,000</b>
<b>Total</b>	<b>\$276,000</b>	<b>\$1,104,000</b>	<b>\$1,380,000</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2015	-	\$380,000	<b>\$380,000</b>
2016	-	\$400,000	<b>\$400,000</b>
2017	-	\$200,000	<b>\$200,000</b>
2018	-	\$200,000	<b>\$200,000</b>
2019	-	\$200,000	<b>\$200,000</b>
<b>Total</b>	-	<b>\$1,380,000</b>	<b>\$1,380,000</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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:  
[Dave.klockeman@cityoflove1and.org](mailto:Dave.klockeman@cityoflove1and.org)

Project Category:  
Annual Program

Project Number:  
NA

Duration:  
2015-2024

\*\*\*\*\*

**Total Project Cost:  
\$2,380,000**

### 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
2015	\$58,000	\$232,000	\$290,000
2016	\$60,000	\$240,000	\$300,000
2017	\$60,000	\$240,000	\$300,000
2018	\$60,000	\$240,000	\$300,000
2019	\$20,000	\$80,000	\$100,000
2020	\$20,000	\$80,000	\$100,000
2021	\$58,000	\$232,000	\$290,000
2022	\$50,000	\$200,000	\$250,000
2023	\$50,000	\$200,000	\$250,000
2024	\$40,000	\$160,000	\$200,000
<b>Total</b>	<b>\$476,000</b>	<b>\$1,904,000</b>	<b>\$2,380,000</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2015	\$58,000	\$232,000	\$290,000
2016	\$60,000	\$240,000	\$300,000
2017	\$60,000	\$240,000	\$300,000
2018	\$60,000	\$240,000	\$300,000
2019	\$20,000	\$80,000	\$100,000
2020	\$20,000	\$80,000	\$100,000
2021	\$58,000	\$232,000	\$290,000
2022	\$50,000	\$200,000	\$250,000
2023	\$50,000	\$200,000	\$250,000
2024	\$40,000	\$160,000	\$200,000
<b>Total</b>	<b>\$476,000</b>	<b>\$1,904,000</b>	<b>\$2,380,000</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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:  
[Dave.klockeman@cityofloveland.org](mailto:Dave.klockeman@cityofloveland.org)

Project Category:  
Annual Program

Project Number:  
NA

Duration:  
2015-2024

\*\*\*\*\*

**Total Project  
Cost:  
\$1,187,500**

### 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
2018	-	\$250,000	<b>\$250,000</b>
2019	-	\$250,000	<b>\$250,000</b>
2020	-	\$400,000	<b>\$400,000</b>
2021	-	\$287,500	<b>\$287,500</b>
<b>Total</b>	-	<b>\$1,187,500</b>	<b>\$1,187,500</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2018	\$50,000	\$200,000	<b>\$250,000</b>
2019	\$50,000	\$200,000	<b>\$250,000</b>
2020	\$80,000	\$320,000	<b>\$400,000</b>
2021	\$57,500	\$230,000	<b>\$287,500</b>
<b>Total</b>	<b>\$237,500</b>	<b>\$950,000</b>	<b>\$1,187,500</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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:

29<sup>th</sup> Street and Beech Drive Intersection and Median Improvements  
 \*\*\*\*\*

Department:  
 Public Works

Division:  
 Project Engineering

Project Manager:  
 Dave Klockeman

Phone Number:  
 970.962.2514

Email:  
[Dave.klockeman@cityofloveland.org](mailto:Dave.klockeman@cityofloveland.org)

Project Category:  
 Annual Program

Project Number:  
 NA

Duration:  
 2015-2024

\*\*\*\*\*

**Total Project Cost:  
 \$550,000**

### About the Project

The 29<sup>th</sup> Street and Beech Drive Intersection and Median Improvements Project includes improvements to the intersection of 29<sup>th</sup> and Beech to add a traffic signal, vertical grade adjustments, and to construct a median west of the intersection towards Taft Avenue to channelize pedestrians and bicyclists from making mid-block crossings.

The project will improve safety for access to Loveland High School and the Benson Sculptor Park.



Funding Sources			
Revenue	General Fund	Streets CEF	Total
2016	\$50,000	-	\$50,000
2017	\$500,000	-	\$500,000
<b>Total</b>	<b>\$550,000</b>	<b>-</b>	<b>\$550,000</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2016	\$5,000	\$45,000	\$50,000
2017	\$50,000	\$450,000	\$500,000
<b>Total</b>	<b>\$50,000</b>	<b>\$500,000</b>	<b>\$550,000</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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:

**Eisenhower Boulevard (US 34) Improvements – Denver Avenue to I-25**  
 \*\*\*\*\*

Department:  
 Public Works

Division:  
 Project Engineering

Project Manager:  
 Dave Klockeman

Phone Number:  
 970.962.2514

Email:  
[Dave.klockeman@cityofloveland.org](mailto:Dave.klockeman@cityofloveland.org)

Project Category:  
 Annual Program

Project Number:  
 NA

Duration:  
 2015-2024

\*\*\*\*\*

**Total Project Cost:  
 \$2,300,000**

### About the Project



The Eisenhower Boulevard (US 34) Improvements – Denver to US 34 will be the initial phases of the needed widening of Eisenhower to 3 lanes in each direction through this area. The phases of the project are design, right-of-way acquisition, and construction. Portions of this area have been designed to a preliminary level, as well as the final design of a portion of the westbound lanes east of Denver. This project is intended to provide the necessary plan to complete the implementation of the widening through the entire project limits.

Funding Sources			
Revenue	General Fund	Streets CEF	Total
2015	-	-	\$0
2016	-	-	\$0
2017	\$40,000	\$160,000	\$200,000
2018	\$40,000	\$160,000	\$200,000
2019	\$40,000	\$160,000	\$200,000
2020	\$60,000	\$240,000	\$300,000
2021	\$60,000	\$240,000	\$300,000
2022	\$60,000	\$240,000	\$300,000
2023	\$60,000	\$240,000	\$300,000
2024	\$100,000	\$400,000	\$500,000
<b>Total</b>	<b>\$460,000</b>	<b>\$1,840,000</b>	<b>\$2,300,000</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2015	-	-	\$0
2016	-	-	\$0
2017	\$40,000	\$160,000	\$200,000
2018	\$40,000	\$160,000	\$200,000
2019	\$40,000	\$160,000	\$200,000
2020	\$60,000	\$240,000	\$300,000
2021	\$60,000	\$240,000	\$300,000
2022	\$60,000	\$240,000	\$300,000
2023	\$60,000	\$240,000	\$300,000
2024	\$100,000	\$400,000	\$500,000
<b>Total</b>	<b>\$460,000</b>	<b>\$1,840,000</b>	<b>\$2,300,000</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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.

# System Improvements

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Briana Reed-Harmel

Phone Number:  
970.962.3592

Email:  
Briana.Reed-Harmel@cityofloveland.org

Project Category:  
Planning/Construction

Project Numbers:  
PW901-PW909 &  
PW913-PW913A

Duration:  
2015-2024

\*\*\*\*\*

**Total Project Cost:  
\$33,060,220**

## 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
2015	\$1,622,270	\$0	<b>\$1,622,270</b>
2016	\$1,393,560	\$0	<b>\$1,393,560</b>
2017	\$1,452,950	\$0	<b>\$1,452,950</b>
2018	\$2,609,500	\$0	<b>\$2,609,500</b>
2019	\$2,780,950	\$0	<b>\$2,780,950</b>
2020	\$3,962,070	\$0	<b>\$3,962,070</b>
2021	\$4,143,690	\$0	<b>\$4,143,690</b>
2022	\$4,859,670	\$0	<b>\$4,859,670</b>
2023	\$5,029,760	\$0	<b>\$5,029,760</b>
2024	\$5,205,800	\$0	<b>\$5,205,800</b>
<b>Total</b>	<b>\$33,060,220</b>	<b>\$0</b>	<b>\$33,060,220</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$81,110	\$1,541,160	<b>\$1,622,270</b>
2016	\$69,680	\$1,323,880	<b>\$1,393,560</b>
2017	\$72,650	\$1,380,300	<b>\$1,452,950</b>
2018	\$130,480	\$2,479,020	<b>\$2,609,500</b>
2019	\$139,050	\$2,641,900	<b>\$2,780,950</b>
2020	\$198,110	\$3,763,960	<b>\$3,962,070</b>
2021	\$207,190	\$3,936,500	<b>\$4,143,690</b>
2022	\$242,990	\$4,616,680	<b>\$4,859,670</b>
2023	\$251,490	\$4,778,270	<b>\$5,029,760</b>
2024	\$260,270	\$4,945,530	<b>\$5,205,800</b>
<b>Total</b>	<b>\$1,653,020</b>	<b>\$31,407,200</b>	<b>\$33,060,220</b>

# 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:  
Planning/Construction

Project Number:  
PW912-various work orders

Duration:  
2015-2024

\*\*\*\*\*

**Total Project Cost:  
\$13,636,500**

## 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
2015	\$1,000,000	\$0	\$1,000,000
2016	\$1,032,250	\$0	\$1,032,250
2017	\$1,282,000	\$0	\$1,282,000
2018	\$1,326,870	\$0	\$1,326,870
2019	\$1,373,300	\$0	\$1,373,300
2020	\$1,421,380	\$0	\$1,421,380
2021	\$1,471,120	\$0	\$1,471,120
2022	\$1,522,610	\$0	\$1,522,610
2023	\$1,575,910	\$0	\$1,575,910
2024	\$1,631,060	\$0	\$1,631,060
<b>Total</b>	<b>\$13,636,500</b>	<b>\$0</b>	<b>\$13,636,500</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$50,000	\$950,000	\$1,000,000
2016	\$51,610	\$980,640	\$1,032,250
2017	\$64,100	\$1,217,900	\$1,282,000
2018	\$66,340	\$1,260,530	\$1,326,870
2019	\$68,670	\$1,304,630	\$1,373,300
2020	\$71,070	\$1,350,310	\$1,421,380
2021	\$73,560	\$1,397,560	\$1,471,120
2022	\$76,130	\$1,446,480	\$1,522,610
2023	\$78,800	\$1,497,110	\$1,575,910
2024	\$81,550	\$1,549,510	\$1,631,060
<b>Total</b>	<b>\$681,830</b>	<b>\$12,954,670</b>	<b>\$13,636,500</b>

# Miscellaneous Feeder Extensions

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Kathleen Porter

Phone Number:  
970.962.3561

Email:  
Kathleen.Porter@cityofloveland.org

Project Category:  
Planning/Construction

Project Numbers:  
PW913A & PW921A

Duration:  
2015-2024

\*\*\*\*\*

**Total Project Cost:  
\$4,637,770**

## 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
2015	\$150,000	\$75,000	<b>\$225,000</b>
2016	\$154,830	\$77,420	<b>\$232,250</b>
2017	\$213,660	\$106,830	<b>\$320,490</b>
2018	\$276,430	\$138,220	<b>\$414,650</b>
2019	\$286,100	\$171,660	<b>\$457,760</b>
2020	\$296,110	\$207,280	<b>\$503,390</b>
2021	\$306,480	\$245,190	<b>\$551,670</b>
2022	\$317,200	\$245,160	<b>\$562,360</b>
2023	\$328,310	\$328,310	<b>\$656,620</b>
2024	\$339,800	\$373,780	<b>\$713,580</b>
<b>Total</b>	<b>\$2,668,920</b>	<b>\$1,968,850</b>	<b>\$4,637,770</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$11,250	\$213,750	<b>\$225,000</b>
2016	\$11,610	\$220,640	<b>\$232,250</b>
2017	\$16,020	\$304,470	<b>\$320,490</b>
2018	\$20,730	\$393,920	<b>\$414,650</b>
2019	\$22,890	\$434,870	<b>\$457,760</b>
2020	\$25,170	\$478,220	<b>\$503,390</b>
2021	\$27,580	\$524,090	<b>\$551,670</b>
2022	\$28,120	\$534,240	<b>\$562,360</b>
2023	\$32,830	\$623,790	<b>\$656,620</b>
2024	\$35,680	\$677,900	<b>\$713,580</b>
<b>Total</b>	<b>\$231,880</b>	<b>\$4,405,890</b>	<b>\$4,637,770</b>

# 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:  
Planning/Construction

Work Order Number:  
PW913-various work orders

Duration:  
2015-2024

\*\*\*\*\*

**Total Project Cost:  
\$1,462,810**

## 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
2015	\$125,000	\$0	\$125,000
2016	\$129,030	\$0	\$129,030
2017	\$133,540	\$0	\$133,540
2018	\$138,220	\$0	\$138,220
2019	\$143,050	\$0	\$143,050
2020	\$148,060	\$0	\$148,060
2021	\$153,240	\$0	\$153,240
2022	\$158,610	\$0	\$158,610
2023	\$164,160	\$0	\$164,160
2024	\$169,900	\$0	\$169,900
<b>Total</b>	<b>\$1,462,810</b>	<b>\$0</b>	<b>\$1,462,810</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$6,250	\$118,750	\$125,000
2016	\$6,450	\$122,580	\$129,030
2017	\$6,680	\$126,860	\$133,540
2018	\$6,910	\$131,310	\$138,220
2019	\$7,150	\$135,900	\$143,050
2020	\$7,400	\$140,660	\$148,060
2021	\$7,660	\$145,580	\$153,240
2022	\$7,930	\$150,680	\$158,610
2023	\$8,210	\$155,950	\$164,160
2024	\$8,500	\$161,400	\$169,900
<b>Total</b>	<b>\$73,140</b>	<b>\$1,389,670</b>	<b>\$1,462,810</b>

# 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:  
Planning/Construction

Project Number:  
PW913

Duration:  
2015-2024

\*\*\*\*\*

**Total Project  
Cost:  
\$3,545,470**

## 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
2015	\$100,000	\$0	\$100,000
2016	\$103,230	\$0	\$103,230
2017	\$106,830	\$0	\$106,830
2018	\$287,490	\$0	\$287,490
2019	\$742,440	\$0	\$742,440
2020	\$296,120	\$0	\$296,120
2021	\$306,480	\$0	\$306,480
2022	\$317,210	\$0	\$317,210
2023	\$945,870	\$0	\$945,870
2024	\$339,800	\$0	\$339,800
<b>Total</b>	<b>\$3,545,470</b>	<b>\$0</b>	<b>\$3,545,470</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$5,000	\$95,000	\$100,000
2016	\$5,160	\$98,070	\$103,230
2017	\$5,340	\$101,490	\$106,830
2018	\$14,370	\$273,120	\$287,490
2019	\$37,120	\$705,320	\$742,440
2020	\$14,810	\$281,310	\$296,120
2021	\$15,320	\$291,160	\$306,480
2022	\$15,860	\$301,350	\$317,210
2023	\$47,290	\$898,580	\$945,870
2024	\$16,990	\$322,810	\$339,800
<b>Total</b>	<b>\$177,260</b>	<b>\$3,368,210</b>	<b>\$3,545,470</b>

# Substations Projects

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Briana Reed-Harmel

Phone Number:  
970.962.3592

Email:  
Briana.Reed-  
Harmel@cityofloveland.org

Project Category:  
Construction

Project Number:  
PW911

Duration:  
2015-2020

\*\*\*\*\*

**Total Project  
Cost:  
\$3,046,440**

## 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. Will also replace E1 Transformer at the East Substation



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2015	\$500,000	\$0	\$500,000
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$552,860	\$0	\$552,860
2019	\$572,210	\$0	\$572,210
2020	\$1,421,370	\$0	\$1,421,370
<b>Total</b>	<b>\$3,046,440</b>	<b>\$0</b>	<b>\$3,046,440</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$0	\$500,000	\$500,000
2016	\$0	\$0	\$516,130
2017	\$0	\$0	\$534,170
2018	\$0	\$552,860	\$553,550
2019	\$0	\$572,210	\$574,380
2020	\$0	\$1,421,370	\$1,434,100
<b>Total</b>	<b>\$0</b>	<b>\$3,046,440</b>	<b>\$3,046,440</b>

# Replace 200 Amp from 29<sup>th</sup> to 37<sup>th</sup> between Taft and Olde Golf Course

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Briana Reed-Harmel

Phone Number:  
970.962.3592

Email:  
Briana.Reed-  
Harmel@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW913

Duration:  
2016

\*\*\*\*\*

**Total Project  
Cost:  
\$1,153,240**

## About the Project

This project is to replace cable that is older and direct buried cable rather than in the conduit system. The Power Department has experienced reliability issues at this location in the past due to the aging cable.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2016	\$1,153,240	\$0	\$1,153,240
<b>Total</b>	<b>\$1,153,240</b>	<b>\$0</b>	<b>\$1,153,240</b>
Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2016	\$57,660	\$1,095,580	\$1,153,240
<b>Total</b>	<b>\$57,660</b>	<b>\$1,095,580</b>	<b>\$1,153,240</b>



# Replace 200 Amp from Carlisle to 1<sup>st</sup> St between Taft and Dotsero

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Briana Reed-Harmel

Phone Number:  
970.962.3592

Email:  
Briana.Reed-  
Harmel@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW913

Duration:  
2017

\*\*\*\*\*

**Total Project  
Cost:  
\$1,726,210**

## About the Project

This project is to replace cable that is older and direct buried cable rather than in the conduit system. The Power Department has experienced reliability issues at this location in the past due to the aging cable.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2017	\$1,726,210	\$0	<b>\$1,726,210</b>
<b>Total</b>	<b>\$1,726,210</b>	<b>\$0</b>	<b>\$1,726,210</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2017	\$86,310	\$1,639,900	<b>\$1,726,210</b>
<b>Total</b>	<b>\$86,310</b>	<b>\$1,639,900</b>	<b>\$1,726,210</b>

# Replace 200 Amp cable from SW 14<sup>th</sup> to SW 18<sup>th</sup> from Wilson to Katie

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Briana Reed-Harmel

Phone Number:  
970.962.3592

Email:  
Briana.Reed-Harmel@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW913

Duration:  
2015-2016

\*\*\*\*\*

**Total Project Cost:  
\$618,870**

## About the Project

This project is to replace cable that is older and direct buried cable rather than in the conduit system. The Power Department has experienced reliability issues at this location in the past due to the aging cable.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2015	\$20,000	\$0	\$20,000
2016	\$598,870	\$0	\$598,870
<b>Total</b>	<b>\$618,870</b>	<b>\$0</b>	<b>\$618,870</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$20,000	\$0	\$20,000
2016	\$0	\$598,870	\$598,870
<b>Total</b>	<b>\$20,000</b>	<b>\$598,870</b>	<b>\$618,870</b>

# 200 & 600 amp Cable Replacement Projects

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Briana Reed-Harmel

Phone Number:  
970.962.3592

Email:  
Briana.Reed-Harmel@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW913

Duration:  
2015-2024

\*\*\*\*\*

**Total Project  
Cost:  
\$15,058,190**

## 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
2015	\$135,000	\$0	\$135,000
2016	\$94,300	\$0	\$94,300
2017	\$0	\$0	\$0
2018	\$1,935,020	\$0	\$1,935,020
2019	\$57,220	\$0	\$57,220
2020	\$1,776,710	\$0	\$1,776,710
2021	\$1,851,170	\$0	\$1,851,170
2022	\$2,956,390	\$0	\$2,956,390
2023	\$2,718,420	\$0	\$2,718,420
2024	\$3,533,960	\$0	\$3,533,960
<b>Total</b>	<b>\$15,058,190</b>	<b>\$0</b>	<b>\$15,058,190</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$5,000	\$130,000	\$135,000
2016	\$0	\$94,300	\$94,300
2017	\$0	\$0	\$0
2018	\$0	\$1,935,020	\$1,935,020
2019	\$57,220	\$0	\$57,220
2020	\$59,220	\$1,717,490	\$1,776,710
2021	\$61,300	\$1,789,870	\$1,851,170
2022	\$101,500	\$2,854,890	\$2,956,390
2023	\$131,320	\$2,587,100	\$2,718,420
2024	\$0	\$3,533,960	\$3,533,960
<b>Total</b>	<b>\$415,560</b>	<b>\$14,642,630</b>	<b>\$15,058,190</b>

# Canyon Conversion

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Briana Reed-Harmel

Phone Number:  
970.962.3592

Email:  
Briana.Reed-Harmel@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW913

Duration:  
2015-2018

\*\*\*\*\*

**Total Project Cost:  
\$2,825,450**

## 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	\$420,000	\$0	\$420,000
2016	\$830,190	\$0	\$830,190
2017	\$801,250	\$0	\$801,250
2018	\$774,010	\$0	\$774,010
<b>Total</b>	<b>\$2,825,450</b>	<b>\$0</b>	<b>\$2,825,450</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$21,000	\$399,000	\$420,000
2016	\$41,510	\$788,680	\$830,190
2017	\$53,420	\$747,830	\$801,250
2018	\$0	\$774,010	\$774,010
<b>Total</b>	<b>\$115,930</b>	<b>\$2,709,520</b>	<b>\$2,825,450</b>

# Overhead to Underground Conversion Projects

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Briana Reed-Harmel

Phone Number:  
970.962.3592

Email:  
Briana.Reed-Harmel@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW914

Duration:  
2015-2021

\*\*\*\*\*

**Total Project Cost:  
\$9,263,590**

## 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
2015	\$2,470,000	\$0	\$2,470,000
2016	\$573,590	\$0	\$573,590
2017	\$1,282,000	\$0	\$1,282,000
2018	\$66,350	\$0	\$66,350
2019	\$2,803,830	\$0	\$2,803,830
2020	\$639,610	\$0	\$639,610
2021	\$1,428,210	\$0	\$1,428,210
<b>Total</b>	<b>\$9,263,590</b>	<b>\$0</b>	<b>\$9,263,590</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$20,000	\$2,450,000	\$2,470,000
2016	\$0	\$573,590	\$573,590
2017	\$64,100	\$1,217,900	\$1,282,000
2018	\$66,350	\$0	\$66,350
2019	\$34,330	\$2,769,500	\$2,803,830
2020	\$82,910	\$556,700	\$639,610
2021	\$0	\$1,428,210	\$1,428,210
<b>Total</b>	<b>\$267,690</b>	<b>\$8,995,900</b>	<b>\$9,263,590</b>

# Streetlight Projects

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Kathleen Porter

Phone Number:  
970.962.3561

Email:  
Kathleen.Porter@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW915

Duration:  
2015-2024

\*\*\*\*\*

**Total Project Cost:  
\$4,095,860**

## About the Project

These projects include converting our streetlights to LEDs, individual customer requests for street lights which are approved by the Power Utility or new arterial or major collector streets required by new development.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2015	\$350,000	\$0	<b>\$350,000</b>
2016	\$361,290	\$0	<b>\$361,290</b>
2017	\$373,920	\$0	<b>\$373,920</b>
2018	\$387,000	\$0	<b>\$387,000</b>
2019	\$400,540	\$0	<b>\$400,540</b>
2020	\$414,570	\$0	<b>\$414,570</b>
2021	\$429,080	\$0	<b>\$429,080</b>
2022	\$444,100	\$0	<b>\$444,100</b>
2023	\$459,640	\$0	<b>\$459,640</b>
2024	\$475,720	\$0	<b>\$475,720</b>
<b>Total</b>	<b>\$4,095,860</b>	<b>\$0</b>	<b>\$4,095,860</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$17,500	\$332,500	<b>\$350,000</b>
2016	\$18,060	\$343,230	<b>\$361,290</b>
2017	\$18,700	\$355,220	<b>\$373,920</b>
2018	\$19,350	\$367,650	<b>\$387,000</b>
2019	\$20,030	\$380,510	<b>\$400,540</b>
2020	\$20,730	\$393,840	<b>\$414,570</b>
2021	\$21,450	\$407,630	<b>\$429,080</b>
2022	\$22,210	\$421,890	<b>\$444,100</b>
2023	\$22,980	\$436,660	<b>\$459,640</b>
2024	\$23,790	\$451,930	<b>\$475,720</b>
<b>Total</b>	<b>\$204,800</b>	<b>\$3,891,060</b>	<b>\$4,095,860</b>

# 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:  
Planning/Construction

Project Number:  
PW921

Duration:  
2021-2022

\*\*\*\*\*

**Total Project Cost:  
\$6,258,400**

## 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
2021	\$0	\$2,451,870	<b>\$2,451,870</b>
2022	\$0	\$3,806,530	<b>\$3,806,530</b>
<b>Total</b>	<b>\$0</b>	<b>\$6,258,400</b>	<b>\$6,258,400</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2021	\$122,590	\$2,329,280	<b>\$2,451,870</b>
2022	\$190,330	\$3,616,200	<b>\$3,806,530</b>
<b>Total</b>	<b>\$312,920</b>	<b>\$5,945,480</b>	<b>\$6,258,400</b>

# Transfer load from 1012 to 621, install 750AL from Crossroads to Fairgrounds

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Kathleen Porter

Phone Number:  
970.962.3561

Email:  
Kathleen.Porter@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW921

Duration:  
2015-2016

\*\*\*\*\*

**Total Project Cost:  
\$1,030,650**

## About the Project

This new feeder extension is along CR30 between Boyd Lake Ave and Fairgrounds. Transferring load between substations to accommodate growth.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2015	\$0	\$50,000	\$50,000
2016	\$0	\$980,650	\$980,650
<b>Total</b>	<b>\$0</b>	<b>\$1,030,650</b>	<b>\$1,030,650</b>
Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$50,000	\$0	\$50,000
2016	\$0	\$980,650	\$980,650
<b>Total</b>	<b>\$50,000</b>	<b>\$980,650</b>	<b>\$1,030,650</b>



# Install new 750 AL from Crossroads 622 S on Boyd Lake to Lakes at Centerra

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Kathleen Porter

Phone Number:  
970.962.3561

Email:  
Kathleen.Porter@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW921

Duration:  
2015

\*\*\*\*\*

**Total Project  
Cost:  
\$500,000**

## About the Project

This new feeder extension is along Boyd Lake Ave to new Lake at Centerra subdivision.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2015	\$0	\$500,000	\$500,000
<b>Total</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$500,000</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$25,000	\$475,000	\$500,000
<b>Total</b>	<b>\$25,000</b>	<b>\$475,000</b>	<b>\$500,000</b>

# Install 750 AL from 57<sup>th</sup> & RR to Hwy 287 Wintergreen Subdivision

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Kathleen Porter

Phone Number:  
970.962.3561

Email:  
Kathleen.Porter@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW921

Duration:  
2015-2016

\*\*\*\*\*

**Total Project  
Cost:  
\$824,190**

## About the Project

This new feeder extension is along 287 to new Wintergreen subdivision.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2015	\$0	\$50,000	<b>\$50,000</b>
2016	\$0	\$774,190	<b>\$774,190</b>
<b>Total</b>	<b>\$0</b>	<b>\$824,190</b>	<b>\$824,190</b>
Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$50,000	\$0	<b>\$50,000</b>
2016	\$0	\$774,190	<b>\$774,190</b>
<b>Total</b>	<b>\$50,000</b>	<b>\$774,190</b>	<b>\$824,190</b>

# Install 750 AL from 57<sup>th</sup> & Taft to vault V1780

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Kathleen Porter

Phone Number:  
970.962.3561

Email:  
Kathleen.Porter@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW921

Duration:  
2018-2019

\*\*\*\*\*

## Total Project Cost: \$913,610

### About the Project

This new feeder extension is to increase reliability to complete a feeder loop.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2018	\$0	\$55,290	\$55,290
2019	\$0	\$858,320	\$858,320
<b>Total</b>	<b>\$0</b>	<b>\$913,610</b>	<b>\$913,610</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2018	\$55,290	\$0	\$55,290
2019	\$0	\$858,320	\$858,320
<b>Total</b>	<b>\$55,290</b>	<b>\$858,320</b>	<b>\$913,610</b>

# Install 750 AL from Roosevelt on 402 to Tyler tying into V221

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Kathleen Porter

Phone Number:  
970.962.3561

Email:  
Kathleen.Porter@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW921

Duration:  
2018-2019

\*\*\*\*\*

**Total Project  
Cost:  
\$1,199,710**

## About the Project

This new feeder extension is to increase reliability to complete a feeder loop.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2018	\$0	\$55,290	<b>\$55,290</b>
2019	\$0	\$1,144,420	<b>\$1,144,420</b>
<b>Total</b>	<b>\$0</b>	<b>\$1,199,710</b>	<b>\$1,199,710</b>
Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2018	\$55,290	\$0	<b>\$55,290</b>
2019	\$0	\$1,144,420	<b>\$1,144,420</b>
<b>Total</b>	<b>\$55,290</b>	<b>\$1,144,420</b>	<b>\$1,199,710</b>

# Install 750 AL from Breaker 211 W out of East Sub to Madison

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Kathleen Porter

Phone Number:  
970.962.3561

Email:  
Kathleen.Porter@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW921

Duration:  
2019-2020

\*\*\*\*\*

**Total Project  
Cost:  
\$590,240**

## About the Project

This is a feeder extension to increase reliability and transfer load between substations due to growth.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2019	\$0	\$57,220	<b>\$57,220</b>
2020	\$0	\$533,020	<b>\$533,020</b>
<b>Total</b>	<b>\$0</b>	<b>\$590,240</b>	<b>\$590,240</b>
Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2019	\$57,220	\$0	<b>\$57,220</b>
2020	\$0	\$533,020	<b>\$533,020</b>
<b>Total</b>	<b>\$57,220</b>	<b>\$533,020</b>	<b>\$590,240</b>

**Install bank from  
SW232, tie to  
V2700, Install 750  
AL on 1<sup>st</sup> West to  
Rossum**

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Kathleen Porter

Phone Number:  
970.962.3561

Email:  
Kathleen.Porter@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW921

Duration:  
2020-2021

\*\*\*\*\*

**Total Project  
Cost:  
\$403,310**

**About the Project**

This is a new feeder segment to increase reliability to complete a feeder loop.



<b>Funding Sources</b>			
Revenue	Power Fund	Plant Investment Fee	Total
2020	\$0	\$35,530	<b>\$35,530</b>
2021	\$0	\$367,780	<b>\$367,780</b>
<b>Total</b>	<b>\$0</b>	<b>\$403,310</b>	<b>\$403,310</b>
<b>Project Cost Estimates By Year</b>			
Elements	Planning	Construction	Total
2020	\$35,530	\$0	<b>\$35,530</b>
2021	\$0	\$367,780	<b>\$367,780</b>
<b>Total</b>	<b>\$35,530</b>	<b>\$367,780</b>	<b>\$403,310</b>

# Extend New feeders from Valley V3 into System

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Kathleen Porter

Phone Number:  
970.962.3561

Email:  
Kathleen.Porter@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW921

Duration:  
2017-2018

\*\*\*\*\*

**Total Project Cost:  
\$1,601,430**

## About the Project

These new feeders will begin at Valley Substation and will extend into the system to accommodate growth in the SE portion of Loveland and South of downtown.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2017	\$0	\$53,420	<b>\$53,420</b>
2018	\$0	\$1,548,010	<b>\$1,548,010</b>
<b>Total</b>	<b>\$0</b>	<b>\$1,601,430</b>	<b>\$1,601,430</b>
Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2017	\$53,420	\$0	<b>\$53,420</b>
2018	\$0	\$1,548,010	<b>\$1,548,010</b>
<b>Total</b>	<b>\$53,420</b>	<b>\$1,548,010</b>	<b>\$1,601,430</b>

# Extend feeders from new Substation in SE corner of service Territory into System

\*\*\*\*\*

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:  
2022

\*\*\*\*\*

**Total Project  
Cost:  
\$1,712,940**

## About the Project

These new feeders will begin at the New SE Substation and will extend into the system to accommodate growth in the far SE portion of Loveland near CR60.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2022	\$0	\$1,712,940	<b>\$1,712,940</b>
<b>Total</b>	<b>\$0</b>	<b>\$1,712,940</b>	<b>\$1,712,940</b>
Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2022	\$0	\$1,712,940	<b>\$1,712,940</b>
<b>Total</b>	<b>\$0</b>	<b>\$1,712,940</b>	<b>\$1,712,940</b>



# Install new bank & 750 AL on Madison East on 37<sup>th</sup> to CR11C, North to CR30

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Kathleen Porter

Phone Number:  
970.962.3561

Email:  
Kathleen.Porter@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW921

Duration:  
2023-2024

\*\*\*\*\*

**Total Project  
Cost:  
\$1,085,070**

## About the Project

This new feeder will improve system reliability and accommodate growth along CR30.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2023	\$0	\$65,660	\$65,660
2024	\$0	\$1,019,410	\$1,019,410
<b>Total</b>	<b>\$0</b>	<b>\$1,085,070</b>	<b>\$1,085,070</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2023	\$65,660	\$0	\$65,660
2024	\$0	\$1,019,410	\$1,019,410
<b>Total</b>	<b>\$65,660</b>	<b>\$1,019,410</b>	<b>\$1,085,070</b>

# Extend new feeders from Crossroads C2

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Kathleen Porter

Phone Number:  
970.962.3561

Email:  
Kathleen.Porter@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW921

Duration:  
2015-2016

\*\*\*\*\*

**Total Project Cost:**  
**\$772,580**

## About the Project

These new feeders will begin at Crossroads Substation and will extend into the system to accommodate growth in the NE portion of Loveland.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2015	\$0	\$50,000	<b>\$50,000</b>
2016	\$0	\$722,580	<b>\$722,580</b>
<b>Total</b>	<b>\$0</b>	<b>\$772,580</b>	<b>\$772,580</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$50,000	\$0	<b>\$50,000</b>
2016	\$0	\$722,580	<b>\$722,580</b>
<b>Total</b>	<b>\$50,000</b>	<b>\$722,580</b>	<b>\$772,580</b>

# New Substation – SW Corner of City Near Boedecker Lake

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Briana Reed-Harmel

Phone Number:  
970.962.3592

Email:  
Briana.Reed-Harmel@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW920 & PW921

Duration:  
2022-2024

\*\*\*\*\*

**Total Project  
Cost:  
\$5,281,360**

## About the Project

This project is for the installation of one of two new substations to replace the West Substation to better accommodate load growth in the SW portion of the service territory.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2022	\$0	\$1,700,250	<b>\$1,700,250</b>
2023	\$0	\$1,759,760	<b>\$1,759,760</b>
2024	\$0	\$1,821,350	<b>\$1,821,350</b>
<b>Total</b>	<b>\$0</b>	<b>\$5,281,360</b>	<b>\$5,281,360</b>
Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2022	\$85,010	\$1,615,240	<b>\$1,700,250</b>
2023	\$87,990	\$1,671,770	<b>\$1,759,760</b>
2024	\$91,070	\$1,730,280	<b>\$1,821,350</b>
<b>Total</b>	<b>\$264,070</b>	<b>\$5,017,290</b>	<b>\$5,281,360</b>

# Valley Substation Order and Install New Transformer and Switchgear Lineup - V3

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Briana Reed-Harmel

Phone Number:  
970.962.3592

Email:  
Briana.Reed-Harmel@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW920 & PW921

Duration:  
2015-2016

\*\*\*\*\*

**Total Project  
Cost:  
\$1,279,680**

## 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	\$970,000	<b>\$970,000</b>
2016	\$0	\$309,680	<b>\$309,680</b>
<b>Total</b>	<b>\$0</b>	<b>\$1,279,680</b>	<b>\$1,279,680</b>
Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$48,500	\$921,500	<b>\$970,000</b>
2016	\$15,480	\$294,200	<b>\$309,680</b>
<b>Total</b>	<b>\$63,980</b>	<b>\$1,215,700</b>	<b>\$1,279,680</b>

# East Substation Order and Install New Switchgear Lineup – E3

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Briana Reed-Harmel

Phone Number:  
970.962.3592

Email:  
Briana.Reed-Harmel@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW920

Duration:  
2017-2018

\*\*\*\*\*

**Total Project  
Cost:  
\$568,630**

## 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
2017	\$0	\$347,210	<b>\$347,210</b>
2018	\$0	\$221,420	<b>\$221,420</b>
<b>Total</b>	<b>\$0</b>	<b>\$568,630</b>	<b>\$568,630</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2017	\$17,360	\$329,850	<b>\$347,210</b>
2018	\$11,070	\$210,350	<b>\$221,420</b>
<b>Total</b>	<b>\$28,430</b>	<b>\$540,200</b>	<b>\$568,630</b>

# New Substation to Replace West Substation - N of W 22<sup>nd</sup> Close to Water Tank

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Briana Reed-Harmel

Phone Number:  
970.962.3592

Email:  
Briana.Reed-Harmel@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW920 & PW921

Duration:  
2016-2018

\*\*\*\*\*

**Total Project Cost:  
\$4,296,460**

## About the Project

This project is for the installation of one of two new substations to replace the West Substation to better accommodate load growth in the NW portion of the service territory.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2016	\$0	\$1,383,230	<b>\$1,383,230</b>
2017	\$0	\$1,431,560	<b>\$1,431,560</b>
2018	\$0	\$1,481,670	<b>\$1,481,670</b>
<b>Total</b>	<b>\$0</b>	<b>\$4,296,460</b>	<b>\$4,296,460</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2016	\$69,160	\$1,314,070	<b>\$1,383,230</b>
2017	\$71,580	\$1,359,980	<b>\$1,431,560</b>
2018	\$74,080	\$1,407,590	<b>\$1,481,670</b>
<b>Total</b>	<b>\$214,820</b>	<b>\$4,081,640</b>	<b>\$4,296,460</b>

# Purchase New Substation Land

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Briana Reed-Harmel

Phone Number:  
970.962.3592

Email:  
Briana.Reed-Harmel@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW920 & PW921

Duration:  
2015-2016

**Total Project Cost:  
\$762,900**

\*\*\*\*\*

## About the Project

This project is to purchase land for new substations.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2015	\$0	\$350,000	<b>\$350,000</b>
2016	\$0	\$412,900	<b>\$412,900</b>
<b>Total</b>	<b>\$0</b>	<b>\$762,900</b>	<b>\$762,900</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2015	\$17,500	\$332,500	<b>\$350,000</b>
2016	\$20,640	\$392,260	<b>\$412,900</b>
<b>Total</b>	<b>\$38,140</b>	<b>\$724,760</b>	<b>\$762,900</b>

# New Substation in Southeast corner of service territory

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Briana Reed-Harmel

Phone Number:  
970.962.3592

Email:  
Briana.Reed-Harmel@cityofloveland.org

Project Category:  
Planning/Construction

Project Number:  
PW920 & PW921

Duration:  
2019-2021

\*\*\*\*\*

**Total Project Cost:  
\$4,763,480**

## About the Project

This project is for the installation new substation to better accommodate load growth in the SE portion of the service territory.



Funding Sources			
Revenue	Power Fund	Plant Investment Fee	Total
2019	\$0	\$1,533,530	<b>\$1,533,530</b>
2020	\$0	\$1,587,200	<b>\$1,587,200</b>
2021	\$0	\$1,642,750	<b>\$1,642,750</b>
<b>Total</b>	<b>\$0</b>	<b>\$4,763,480</b>	<b>\$4,763,480</b>

Project Cost Estimates By Year			
Elements	Planning	Construction	Total
2019	\$76,680	\$1,456,850	<b>\$1,533,530</b>
2020	\$79,360	\$1,507,840	<b>\$1,587,200</b>
2021	\$82,140	\$1,560,610	<b>\$1,642,750</b>
<b>Total</b>	<b>\$238,180</b>	<b>\$4,525,300</b>	<b>\$4,763,480</b>



# 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:  
\$793,380**

## 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	\$493,000	\$0	\$493,000
2016	\$300,380	\$0	\$300,380
<b>Total</b>	<b>\$793,380</b>	<b>\$0</b>	<b>\$793,380</b>

Project Cost Estimates By Year			
Elements	Planning	Equipment	Total
2015	\$0	\$493,000	\$493,000
2016	\$0	\$300,380	\$300,380
<b>Total</b>	<b>\$0</b>	<b>\$793,380</b>	<b>\$793,380</b>

# 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:  
2015-2017

\*\*\*\*\*

**Total Project Cost:  
\$26,769,880**

## 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	\$3,610,730	\$0	\$3,610,730
2015	\$1,000,000	\$0	\$1,000,000
2016	\$1,257,290	\$0	\$1,257,290
2017	\$22,038,630	\$0	\$22,038,630
<b>Total</b>	<b>\$27,906,650</b>	<b>\$0</b>	<b>\$27,906,650</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
Prior Years	\$3,610,730	\$0	\$3,610,730
2015	\$1,000,000	\$0	\$1,000,000
2016	\$1,257,290	\$0	\$1,257,290
2017	\$22,038,630	\$0	\$22,038,630
<b>Total</b>	<b>\$27,906,650</b>	<b>\$0</b>	<b>\$27,906,650</b>

# 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:  
2015-2024

\*\*\*\*\*

**Total Project Cost:  
\$5,468,980**

## 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
2015	\$200,000	\$0	<b>\$200,000</b>
2016	\$209,550	\$0	<b>\$209,550</b>
2017	\$550,970	\$0	<b>\$550,970</b>
2018	\$566,500	\$0	<b>\$566,500</b>
2019	\$590,570	\$0	<b>\$590,570</b>
2020	\$615,670	\$0	<b>\$615,670</b>
2021	\$641,840	\$0	<b>\$641,840</b>
2022	\$669,120	\$0	<b>\$669,120</b>
2023	\$697,560	\$0	<b>\$697,560</b>
2024	\$727,200	\$0	<b>\$727,200</b>
<b>Total</b>	<b>\$5,468,980</b>	<b>\$0</b>	<b>\$5,468,980</b>

Project Cost Estimates by Year			
Elements	Planning	Acquisition	Total
2015	\$0	\$200,000	<b>\$200,000</b>
2016	\$0	\$209,550	<b>\$209,550</b>
2017	\$0	\$550,970	<b>\$550,970</b>
2018	\$0	\$566,500	<b>\$566,500</b>
2019	\$0	\$590,570	<b>\$590,570</b>
2020	\$0	\$615,670	<b>\$615,670</b>
2021	\$0	\$641,840	<b>\$641,840</b>
2022	\$0	\$669,120	<b>\$669,120</b>
2023	\$0	\$697,560	<b>\$697,560</b>
2024	\$0	\$727,200	<b>\$727,200</b>
<b>Total</b>	<b>\$0</b>	<b>\$5,468,980</b>	<b>\$5,468,980</b>

# Future Water Court Transfer Actions

\*\*\*\*\*

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

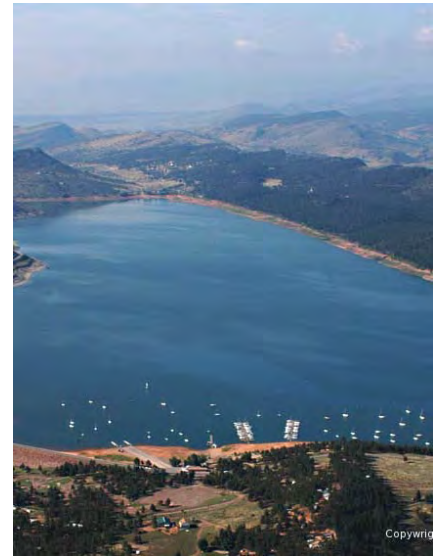
Duration:  
2017

\*\*\*\*\*

**Total Project Cost:  
\$110,190**

## About the Project

This project anticipates the City will file decrees over time in the Water Court to add native water accumulated through the development process to the City's major transfer decree in case number 2002CW392, thus making the water useful for municipal purposes. It is efficient to accumulate sufficient water before filing to spread the cost over a larger number of acre-feet of water, so the intervals between filing new cases depends on the pace of acquisition of water rights.



Funding Sources			
Revenue	Raw Water Fund	Water System Impact Fee	Total
2017	\$110,190	\$0	\$110,190
<b>Total</b>	<b>\$110,190</b>	<b>\$0</b>	<b>\$110,190</b>
Project Cost Estimates by Year			
Elements	Planning	Acquisition	Total
2017	\$110,190	\$0	\$110,190
<b>Total</b>	<b>\$110,190</b>	<b>\$0</b>	<b>\$110,190</b>

# New Laboratory Building

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Roger Berg

Phone Number:  
970.962.3711

Email:  
Roger.Berg@cityofloveland.org

Project Category:  
Engineering/Construction

Project Number:  
N/A

Duration:  
2019-2020

\*\*\*\*\*

**Total Project Cost:  
\$7,358,970**

## About the Project

This project consists of a new water quality lab building for water and wastewater regulatory and non-regulatory laboratory analysis. . Primary reasons for the need for a new lab include; safety issues with lack of egress in areas with explosive gases, lack of adequate space to perform



analysis, inability to separate areas that need to be utilized for sterile analyses, incubators and ovens with lack of adequate ventilation causing health issues, corrosive environment with lack of adequate ventilation which creates safety issues. Corrosion issues also lessen the lifespan of instrumentation including; Atomic Absorption (AA) instrument used for metals analysis, Hach spectrophotometers, balances, incubators, ovens etc. The AA is 8+ years old and would need to be replaced and updated, as part of a new WQ Lab. This would allow the WQ Lab to meet stricter mandatory standards and perform additional metals analysis, in-house with less staff time.

Funding Sources			
Revenue	Wastewater Fund	System Impact Fee	Total
2019	\$462,060	\$115,530	<b>\$577,590</b>
2020	\$5,425,120	\$1,356,260	<b>\$6,781,380</b>
<b>Total</b>	<b>\$5,887,180</b>	<b>\$1,471,790</b>	<b>\$7,358,970</b>

Project Cost Estimates by Year			
Elements	Engineering	Construction	Total
2018	\$577,590	\$0	<b>\$185,780</b>
2020	\$443,640	\$6,337,740	<b>\$6,781,380</b>
<b>Total</b>	<b>\$1,021,230</b>	<b>\$6,337,740</b>	<b>\$7,358,970</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2021*					
<b>Total</b>					

\*Operations impact to be determined.

# WWTP Digester System Improvement Projects

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Tom Greene

Phone Number:  
970.962.3706

Email:  
Tom.Greene@cityofloveland.org

Project Category:  
Engineering/Construction

Project Numbers:  
W1251G,W1402H,W1404H,  
W1306G

Duration:  
2012-2015

\*\*\*\*\*

**Total Project Cost:  
\$6,420,700**

## About the Project

This project includes a complete renovation of the existing anaerobic digester complex. The improvements will include: replacement of the existing gas mixing system with a pumped mixing system, rehabilitation of the floating steel covers, replacement of the sludge heating system, modifications to the waste gas flare, replacement of the electrical, digester gas, and HVAC system in the control building, and expansion of the control building to accommodate new equipment.



Funding Sources					
Revenue	Wastewater Fund	System Impact Fee	Total		
Prior Years	\$4,515,500	\$697,600	<b>\$5,213,100</b>		
2015	\$1,086,840	\$120,760	<b>\$1,207,600</b>		
<b>Total</b>	<b>\$5,602,340</b>	<b>\$818,360</b>	<b>\$6,420,700</b>		
Project Cost Estimates by Year					
Elements	Engineering	Construction	Total		
Prior Years	\$1,741,870	\$3,471,230	<b>\$5,213,100</b>		
2015	\$134,200	\$1,073,400	<b>\$1,207,600</b>		
<b>Total</b>	<b>\$1,876,070</b>	<b>\$4,544,630</b>	<b>\$6,420,700</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016*					
<b>Total</b>					

\*Operations impact negligible.

# Nutrient Treatment Facilities & Future Digester

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Roger Berg

Phone Number:  
970.962.3711

Email:  
Roger.Berg@cityofloveland.org

Project Category:  
Engineering/Construction

Project Number:  
W1405H

Duration:  
2014-2017

\*\*\*\*\*

**Total Project Cost:  
\$24,562,580**

## 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. In addition, 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.



Funding Sources					
Revenue	Wastewater Fund	System Impact Fee	Debt	Total	
2015			\$10,000,000	<b>\$10,000,000</b>	
2016			\$3,100,000	<b>\$3,100,000</b>	
2017	2,076,930	3,654,360		<b>\$5,731,290</b>	
2018	2,076,940	3,654,350		<b>\$5,731,290</b>	
<b>Total</b>	<b>\$4,153,870</b>	<b>\$7,308,710</b>	<b>\$13,100,000</b>	<b>\$24,562,580</b>	
Project Cost Estimates by Year					
Elements	Engineering	Construction	Total		
2015	2,400,000	\$0	<b>\$2,400,000</b>		
2016	\$556,450	\$6,182,770	<b>\$6,739,220</b>		
2017	\$1,101,930		<b>\$1,101,930</b>		
2018	\$1,182,510	\$13,138,920	<b>\$14,321,430</b>		
<b>Total</b>	<b>\$3,762,970</b>	<b>\$21,569,770</b>	<b>\$24,562,580</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2018*					
<b>Total</b>					

\*Operations impact to be determined.

# Primary Clarifier

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Michael McCrary

Phone Number:  
970.962.2572

Email:  
Michael.McCrary@cityofloveland.org

Project Category:  
Engineering/Construction

Project Numbers:  
N/A

Duration:  
2021

\*\*\*\*\*

**Total Project Cost:**  
**\$7,116,290**

## 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	System Impact Fee	Total		
2021	\$2,846,930	\$4,269,770	<b>\$3,604,820</b>		
<b>Total</b>	<b>\$2,846,930</b>	<b>\$4,269,770</b>	<b>\$7,116,290</b>		
Project Cost Estimates by Year					
Elements	Engineering	Construction	Total		
2021	\$799,930	\$6,316,360	<b>\$7,116,290</b>		
<b>Total</b>	<b>\$819,910</b>	<b>\$3,199,610</b>	<b>\$7,116,290</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2022*					
<b>Total</b>					

\*Operations to be determined.



# Trickling Filter Demolition

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Michael McCrary

Phone Number:  
970.962.2572

Email:  
Michael.McCrary@cityofloveland.org

Project Category:  
Engineering/Construction

Project Number:  
N/A

Duration:  
2023-2024

\*\*\*\*\*

**Total Project Cost:  
\$4,019,520**

## 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	System Impact Fee	Total		
2023	\$414,700	-	\$414,700		
2024	\$3,604,820	-	\$3,604,820		
<b>Total</b>	<b>\$4,019,520</b>	-	<b>\$4,019,520</b>		
Project Cost Estimates by Year					
Elements	Engineering	Construction	Total		
2023	\$414,700	-	\$414,700		
2024	\$335,260	\$3,269,560	\$3,604,820		
<b>Total</b>	<b>\$749,960</b>	<b>\$3,269,560</b>	<b>\$4,019,520</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*Operations to be determined.

# Digested Sludge Dewatering

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Michael McCrary

Phone Number:  
970.962.2572

Email:  
Michael.McCrary@cityofloveland.org

Project Category:  
Engineering/Construction

Project Numbers:  
N/A

Duration:  
2023-2024

\*\*\*\*\*

**Total Project Cost:  
\$883,150**

## 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	System Impact Fee	Total
2023	\$71,250	-	<b>\$71,250</b>
2024	\$811,900	-	<b>\$811,900</b>
<b>Total</b>	<b>\$883,150</b>	-	<b>\$883,150</b>

Project Cost Estimates by Year			
Elements	Engineering	Construction	Total
2023	\$71,250	-	<b>\$71,250</b>
2021	-	\$811,900	<b>\$811,900</b>
<b>Total</b>	<b>\$71,250</b>	<b>\$811,900</b>	<b>\$883,150</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2022*					
<b>Total</b>					

\*Operations to be determined.

# 2015 WWTP Improvements

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Tom Greene

Phone Number:  
970.962.3706

Email:  
Tom.Greene@cityofloveland.org

Project Category:  
Engineering/Construction

Project Number:  
N/A

Duration:  
2015

\*\*\*\*\*

**Total Project  
Cost:  
\$1,600,000**

## 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	System Impact Fee	Total		
2015	\$1,280,000	\$320,000	\$1,600,000		
<b>Total</b>	<b>\$1,280,000</b>	<b>\$320,000</b>	<b>\$1,600,000</b>		
Project Cost Estimates by Year					
Elements	Engineering	Construction	Total		
2015	\$250,000	\$1,350,000	\$1,600,000		
<b>Total</b>	<b>\$250,000</b>	<b>\$1,350,000</b>	<b>\$1,600,000</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016*					
<b>Total</b>					

\*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

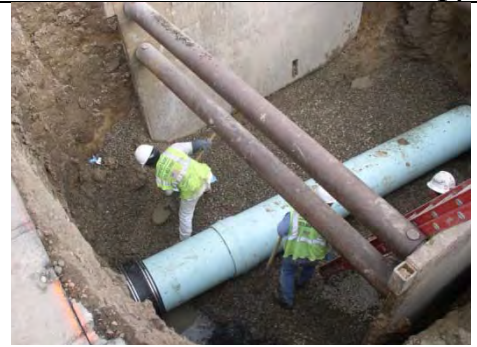
Duration:  
2015-2024

\*\*\*\*\*

**Total Project  
Cost:  
\$964,040**

## 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	System Impact Fee	Total
2015	\$0	\$75,000	<b>\$75,000</b>
2016	\$0	\$78,580	<b>\$78,580</b>
2017	\$0	\$82,640	<b>\$82,640</b>
2018	\$0	\$87,080	<b>\$87,080</b>
2019	\$0	\$91,930	<b>\$91,930</b>
2020	\$0	\$97,420	<b>\$97,420</b>
2021	\$0	\$103,230	<b>\$103,230</b>
2022	\$0	\$109,400	<b>\$109,400</b>
2023	\$0	\$115,920	<b>\$115,920</b>
2024	\$0	\$122,840	<b>\$122,840</b>
<b>Total</b>	<b>\$0</b>	<b>\$964,040</b>	<b>\$964,040</b>

Project Cost Estimates by Year			
Elements	Engineering	Construction	Total
2015	\$0	\$75,000	<b>\$75,000</b>
2016	\$0	\$78,580	<b>\$78,580</b>
2017	\$0	\$82,640	<b>\$82,640</b>
2018	\$0	\$87,080	<b>\$87,080</b>
2019	\$0	\$91,930	<b>\$91,930</b>
2020	\$0	\$97,420	<b>\$97,420</b>
2021	\$0	\$103,230	<b>\$103,230</b>
2022	\$0	\$109,400	<b>\$109,400</b>
2023	\$0	\$115,920	<b>\$115,920</b>
2024	\$0	\$122,840	<b>\$122,840</b>
<b>Total</b>	<b>\$0</b>	<b>\$964,040</b>	<b>\$964,040</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2025*					
<b>Total</b>					

\*Operations impact negligible.

# Boyd Interceptor Projects

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Tanner Randall

Phone Number:  
970.962.3715

Email:  
Tanner.Randall@cityofloveland.org

Project Category:  
Engineering/Construction

Project Numbers:  
N/A

Duration:  
2016-2022

\*\*\*\*\*

**Total Project Cost:  
\$6,333,960**

## 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	System Impact Fee	Total
2016	\$0	\$366,710	<b>\$366,710</b>
2017	\$0	\$2,975,220	<b>\$2,975,220</b>
2018	\$696,670	\$1,857,780	<b>\$2,554,450</b>
2022	\$437,580	\$0	<b>\$437,580</b>
<b>Total</b>	<b>\$1,134,250</b>	<b>\$5,199,710</b>	<b>\$6,333,960</b>

Project Cost Estimates by Year			
Elements	Engineering	Construction	Total
2016	\$366,710	\$0	<b>\$366,710</b>
2017	\$220,390	\$2,754,830	<b>\$2,975,220</b>
2018	\$116,110	\$2,438,340	<b>\$2,554,450</b>
2022	\$0	\$437,580	<b>\$437,580</b>
<b>Total</b>	<b>\$703,210</b>	<b>\$5,630,750</b>	<b>\$6,333,960</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2023*					
<b>Total</b>					

\*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:  
W1301G

Duration:  
2015-2024

\*\*\*\*\*

**Total Project Cost:  
\$5,141,660**

## 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	System Impact Fee	Total
2015	\$400,000	\$0	\$400,000
2016	\$419,100	\$0	\$419,100
2017	\$440,770	\$0	\$440,770
2018	\$464,450	\$0	\$464,450
2019	\$490,320	\$0	\$490,320
2020	\$519,580	\$0	\$519,580
2021	\$550,580	\$0	\$550,580
2022	\$583,440	\$0	\$583,440
2023	\$618,260	\$0	\$618,260
2024	\$655,160	\$0	\$655,160
<b>Total</b>	<b>\$5,141,660</b>	<b>\$0</b>	<b>\$5,141,660</b>

Project Cost Estimates by Year			
Elements	Engineering	Construction	Total
2015	\$0	\$400,000	\$400,000
2016	\$0	\$419,100	\$419,100
2017	\$0	\$440,770	\$440,770
2018	\$0	\$464,450	\$464,450
2019	\$0	\$490,320	\$490,320
2020	\$0	\$519,580	\$519,580
2021	\$0	\$550,580	\$550,580
2022	\$0	\$583,440	\$583,440
2023	\$0	\$618,260	\$618,260
2024	\$0	\$655,160	\$655,160
<b>Total</b>	<b>\$0</b>	<b>\$5,141,660</b>	<b>\$5,141,660</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2025*					
<b>Total</b>					

\*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:  
Engineering/Construction

Project Number:  
N/A

Duration:  
2021-2022

\*\*\*\*\*

**Total Project  
Cost:  
\$6,612,000**

## 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	System Impact Fee	Total
2021	\$0	\$412,940	<b>\$412,940</b>
2022	\$0	\$6,199,060	<b>\$6,199,060</b>
<b>Total</b>	<b>\$0</b>	<b>\$6,612,000</b>	<b>\$6,612,000</b>

Project Cost Estimates by Year			
Elements	Engineering	Construction	Total
2021	\$412,940	\$0	<b>\$412,940</b>
2022	\$364,650	\$5,834,410	<b>\$6,199,060</b>
<b>Total</b>	<b>\$777,590</b>	<b>\$5,834,410</b>	<b>\$6,612,000</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2023*					
<b>Total</b>					

\*Operations impact negligible.

# North Horseshoe Lift Station Upgrades

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Tom Greene

Phone Number:  
970.962.3706

Email:  
Tom.Greene@cityofloveland.org

Project Category:  
Engineering/Construction

Project Numbers:  
N/A

Duration:  
2018-2019

\*\*\*\*\*

**Total Project  
Cost:  
\$905,440**

## 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 3<sup>rd</sup> pump, and verifying whether to serve the existing Lago Vista Mobile Home Park.



Funding Sources			
Revenue	Wastewater Fund	System Impact Fee	Total
2018	\$139,330	\$0	<b>\$139,330</b>
2019	\$766,110	\$0	<b>\$766,110</b>
<b>Total</b>	<b>\$905,440</b>	<b>\$0</b>	<b>\$905,440</b>

Project Cost Estimates by Year			
Elements	Engineering	Construction	Total
2018	\$139,330	\$0	<b>\$139,330</b>
2019	\$91,930	\$674,180	<b>\$766,110</b>
<b>Total</b>	<b>\$231,260</b>	<b>\$674,180</b>	<b>\$905,440</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2020*					
<b>Total</b>					

\*Operations impact negligible.



# South Side Lift Station and Force Main Improvements

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Tom Greene

Phone Number:  
970.962.3706

Email:  
Tom.Greene@cityofloveland.org

Project Category:  
Engineering/Construction

Project Numbers:  
W1255G

Duration:  
2014-2016

\*\*\*\*\*

**Total Project Cost:  
\$1,134,780**

## 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	System Impact Fee	Total		
Prior Years	\$529,000	\$0	\$529,000		
2015	\$40,000	\$0	\$40,000		
2016	\$565,780	\$0	\$565,780		
<b>Total</b>	<b>\$1,134,780</b>	<b>\$0</b>	<b>\$1,134,780</b>		
Project Cost Estimates by Year					
Elements	Engineering	Construction	Total		
Prior Years	\$100,000	\$429,000	\$529,000		
2015	\$40,000	\$0	\$40,000		
2016	\$41,910	\$523,870	\$565,780		
<b>Total</b>	<b>\$181,910</b>	<b>\$952,870</b>	<b>\$1,134,780</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2017*					
<b>Total</b>					

\*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@cityoflovelan  
d.org

Project Category:  
Engineering/Construction

Project Number:  
N/A

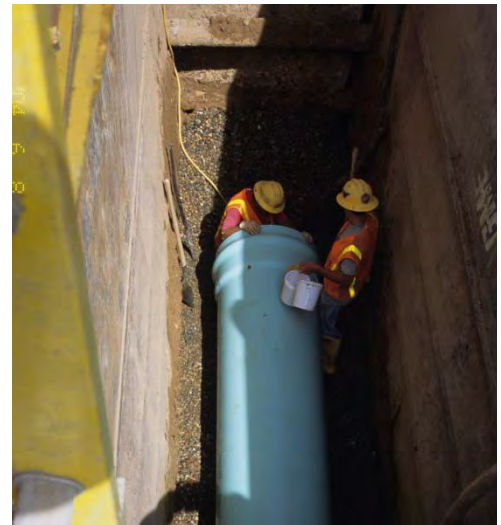
Duration:  
2022

\*\*\*\*\*

**Total Project  
Cost:  
\$1,640,930**

## 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	System Impact Fee	Total		
2022	\$0	\$1,640,930	<b>\$1,640,930</b>		
<b>Total</b>	<b>\$0</b>	<b>\$1,640,930</b>	<b>\$1,640,930</b>		
Project Cost Estimates by Year					
Elements	Engineering	Construction	Total		
2022	\$182,330	\$1,458,600	<b>\$1,640,930</b>		
<b>Total</b>	<b>\$182,330</b>	<b>\$1,458,600</b>	<b>\$1,640,930</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2022*					
<b>Total</b>					

\*Operations impact negligible.

# Collection System Corrosion Control

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Tom Greene

Phone Number:  
970.962.3706

Email:  
Tom.Greene@cityofloveland.org

Project Category:  
Construction

Project Numbers:  
W1225G

Duration:  
2014-2015

\*\*\*\*\*

**Total Project Cost:  
\$225,000**

## 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	System Impact Fee	Total
Prior Years	\$174,400	\$6,000	<b>\$175,000</b>
2015	\$40,000	\$10,000	<b>\$50,000</b>
<b>Total</b>	<b>\$214,400</b>	<b>\$10,600</b>	<b>\$225,000</b>

Project Cost Estimates by Year			
Elements	Engineering	Construction	Total
Prior Years	\$0	\$175,000	<b>\$175,000</b>
2015	\$0	\$50,000	<b>\$50,000</b>
<b>Total</b>	<b>\$0</b>	<b>\$225,000</b>	<b>\$225,000</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016*					
<b>Total</b>					

\*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:  
Engineering/Construction

Project Numbers:  
N/A

Duration:  
2015

\*\*\*\*\*

**Total Project Cost:  
\$575,000**

## About the Project

The East Side Lift Station was designed to accept Loveland's eastern wastewater collection system and transfer the raw sewage via existing dual force mains into the gravity sewer system and treated at the City's wastewater treatment plant.



The East Side Lift Station wetwell capacity was designed to handle the collection basin's incoming flow. No additional wetwell capacity is needed. However, the East Side Lift Station was initially built with two submersible pumps, located in the wetwell, and design for a third pump to be installed to handle growth's increased flow. Continued growth in the area and proposed growth has reached a level where the East Side Lift Station's third pump is required. The proposed capital project is to install a third submersible pump and all required equipment necessary for the pump to be operational.

Funding Sources					
Revenue	Wastewater Fund	System Impact Fee	Total		
2015	\$0	\$575,000	\$575,000		
<b>Total</b>	<b>\$0</b>	<b>\$575,000</b>	<b>\$575,000</b>		
Project Cost Estimates by Year					
Elements	Engineering	Construction	Total		
2015	\$75,000	\$500,000	\$575,000		
<b>Total</b>	<b>\$75,000</b>	<b>\$500,000</b>	<b>\$575,000</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016*					
<b>Total</b>					

\*Operations impact negligible.

# Large vehicle Replacements

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Chris Matkins

Phone Number:  
970.962.3712

Email:  
Chris.Matkins@cityofloveland.org

Project Category:  
Vehicle Replacement

Project Number:  
WW930

Duration:  
2015-2016

\*\*\*\*\*

**Total Project Cost:  
\$552,070**

## About the Project

Budgeted dollars are to cover the capital expenses for vehicles which are necessary to operate and maintain the wastewater utility. The 2015 budget includes replacing the All Jet Vacuum High-Performance Jet/Vacuum Combination Sewer Cleaner.



Funding Sources					
Revenue	Wastewater Fund	System Impact Fee	Total		
2015	\$375,000	\$0	<b>\$375,000</b>		
2016	\$177,070	\$0	<b>\$177,070</b>		
<b>Total</b>	<b>\$552,070</b>	<b>\$0</b>	<b>\$552,070</b>		
Project Cost Estimates by Year					
Elements	Engineering	Equipment	Total		
2015	\$0	\$375,000	<b>\$375,000</b>		
2016	\$0	\$177,070	<b>\$177,070</b>		
<b>Total</b>	<b>\$0</b>	<b>\$552,070</b>	<b>\$552,070</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2017*					
<b>Total</b>					

\*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

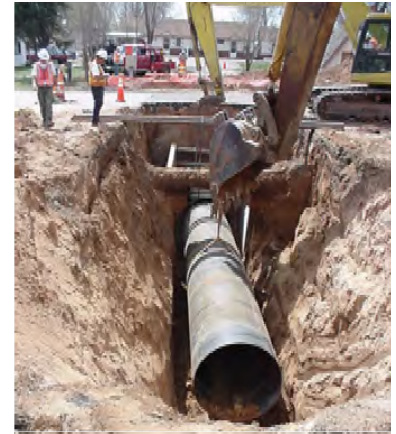
Duration:  
2014- 2023

\*\*\*\*\*

**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	<b>\$2,121,700</b>
2015	\$1,980,750	\$0	<b>\$1,980,750</b>
2016	\$489,060	\$0	<b>\$489,060</b>
2017	\$509,850	\$0	<b>\$509,850</b>
2018	\$531,520	\$0	<b>\$531,520</b>
2019	\$615,670	\$0	<b>\$615,670</b>
2020	\$1,925,520	\$0	<b>\$1,925,520</b>
2021	\$3,345,590	\$0	<b>\$3,345,590</b>
2022	\$3,487,780	\$0	<b>\$3,487,780</b>
2023	\$3,636,010	\$0	<b>\$3,636,010</b>
<b>Total</b>	<b>\$18,643,450</b>	<b>\$0</b>	<b>\$18,643,450</b>

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

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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		
<b>Total</b>	<b>\$1,342,980</b>	<b>\$0</b>	<b>\$1,342,980</b>		
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		
<b>Total</b>	<b>\$180,830</b>	<b>\$1,162,150</b>	<b>\$1,342,980</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2021*					
<b>Total</b>					

\*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	<b>\$75,000</b>
2015	\$0	\$78,190	<b>\$78,190</b>
2016	\$0	\$81,510	<b>\$81,510</b>
2017	\$0	\$84,970	<b>\$84,970</b>
2018	\$0	\$88,590	<b>\$88,590</b>
2019	\$0	\$92,350	<b>\$92,350</b>
2020	\$0	\$96,280	<b>\$96,280</b>
2021	\$0	\$100,370	<b>\$100,370</b>
2022	\$0	\$104,630	<b>\$104,630</b>
2023	\$0	\$109,080	<b>\$109,080</b>
<b>Total</b>	<b>\$0</b>	<b>\$910,970</b>	<b>\$910,970</b>

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

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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	<b>\$601,640</b>
2019	\$67,670	\$203,000	<b>\$270,670</b>
2020	\$936,980	\$2,810,960	<b>\$3,747,940</b>
<b>Total</b>	<b>\$1,155,060</b>	<b>\$3,465,190</b>	<b>\$4,620,250</b>

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

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2021*					
<b>Total</b>					

\*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 29<sup>th</sup> 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	<b>\$212,280</b>
2020	\$255,780	\$767,360	<b>\$1,023,140</b>
<b>Total</b>	<b>\$308,850</b>	<b>\$926,570</b>	<b>\$1,235,420</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2019	\$212,280	\$0	<b>\$212,280</b>
2020	\$120,370	\$902,770	<b>\$1,023,140</b>
<b>Total</b>	<b>\$332,650</b>	<b>\$902,770</b>	<b>\$1,235,420</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2021*					
<b>Total</b>					

\*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	<b>\$380,120</b>
2018	\$0	\$2,704,830	<b>\$2,704,830</b>
2019	\$0	\$3,059,890	<b>\$3,059,890</b>
2020	\$0	\$192,550	<b>\$192,550</b>
2021	\$0	\$1,104,050	<b>\$1,104,050</b>
<b>Total</b>	<b>\$0</b>	<b>\$7,441,440</b>	<b>\$7,441,440</b>

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

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2022*					
<b>Total</b>					

\*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	<b>\$480,280</b>
2019	\$1,638,180	\$1,638,190	<b>\$3,276,370</b>
2020	\$1,707,810	\$1,707,810	<b>\$3,415,620</b>
<b>Total</b>	<b>\$3,586,130</b>	<b>\$3,586,140</b>	<b>\$7,172,270</b>

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

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2020*					
<b>Total</b>					

\*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	<b>\$122,360</b>		
2017	\$233,420	\$77,810	<b>\$311,230</b>		
<b>Total</b>	<b>\$325,190</b>	<b>\$108,400</b>	<b>\$433,590</b>		
Project Cost Estimates by Year					
Elements	Planning	Construction	Total		
2016	\$122,360	\$0	<b>\$122,360</b>		
2017	\$36,700	\$274,530	<b>\$311,230</b>		
<b>Total</b>	<b>\$159,060</b>	<b>\$274,530</b>	<b>\$433,590</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2018*					
<b>Total</b>					

\*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

\*\*\*\*\*

**Total Project Cost:**  
**\$2,933,210**

## 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.



Funding Sources					
Revenue	Water Fund	System Impact Fee	Total		
2020	\$128,370	\$128,370	<b>\$256,740</b>		
2021	\$1,338,230	\$1,338,240	<b>\$2,676,470</b>		
<b>Total</b>	<b>\$1,466,600</b>	<b>\$1,466,610</b>	<b>\$2,933,210</b>		
Project Cost Estimates by Year					
Elements	Planning	Construction	Total		
2020	\$256,740	\$0	<b>\$256,740</b>		
2021	\$0	\$2,676,470	<b>\$2,676,470</b>		
<b>Total</b>	<b>\$256,740</b>	<b>\$2,676,470</b>	<b>\$2,933,210</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2022*					
<b>Total</b>					

\*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
<b>Total</b>	<b>\$1,568,270</b>	<b>\$0</b>	<b>\$1,568,270</b>

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
<b>Total</b>	<b>\$0</b>	<b>\$1,568,270</b>	<b>\$1,568,270</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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

\*\*\*\*\*

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

## About the Project

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 29<sup>th</sup> Street pump station P2 expansion to operate more efficiently rather having existing pumps running continuously.



Funding Sources			
Revenue	Water Fund	System Impact Fee	Total
2019	\$36,940	\$147,760	<b>\$184,700</b>
2020	\$937,090	\$3,748,340	<b>\$4,685,430</b>
<b>Total</b>	<b>\$974,030</b>	<b>\$3,896,100</b>	<b>\$4,870,130</b>

Project Cost Estimates by Year			
Elements	Planning	Construction	Total
2019	\$184,700	\$0	<b>\$184,700</b>
2020	\$192,550	\$4,492,880	<b>\$4,685,430</b>
<b>Total</b>	<b>\$377,250</b>	<b>\$4,492,880</b>	<b>\$4,870,130</b>

Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2021*					
<b>Total</b>					

\*Operating impact negligible.



# 16" in Granite (57<sup>th</sup> to 50<sup>th</sup>)

\*\*\*\*\*

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	<b>\$93,890</b>		
2018	\$0	\$359,360	<b>\$359,360</b>		
<b>Total</b>	<b>\$0</b>	<b>\$453,250</b>	<b>\$453,250</b>		
Project Cost Estimates by Year					
Elements	Planning	Construction	Total		
2017	\$93,890	\$0	<b>\$93,890</b>		
2018	\$66,550	\$292,810	<b>\$359,360</b>		
<b>Total</b>	<b>\$160,440</b>	<b>\$292,810</b>	<b>\$453,250</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2019*					
<b>Total</b>					

\*Operating impact negligible.

# 3.5 MG 43<sup>rd</sup> 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	<b>\$401,760</b>		
<b>Total</b>	<b>\$80,350</b>	<b>\$321,410</b>	<b>\$401,760</b>		
Project Cost Estimates by Year					
Elements	Planning	Construction	Total		
2023	\$401,760	\$0	<b>\$401,760</b>		
<b>Total</b>	<b>\$401,760</b>	<b>\$0</b>	<b>\$401,760</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2024*					
<b>Total</b>					

\*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	<b>\$924,800</b>		
2014	\$0	\$0	<b>\$0</b>		
2015	\$104,250	\$0	<b>\$104,250</b>		
<b>Total</b>	<b>\$579,050</b>	<b>\$450,000</b>	<b>\$1,029,050</b>		
Project Cost Estimates by Year					
Elements	Planning	Construction	Total		
Prior Years	\$24,800	\$900,000	<b>\$924,800</b>		
2014	\$0	\$0	<b>\$0</b>		
2015	\$0	\$104,250	<b>\$104,250</b>		
<b>Total</b>	<b>\$24,800</b>	<b>\$1,004,250</b>	<b>\$1,029,050</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016*					
<b>Total</b>					

\*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	<b>\$598,400</b>		
2014	\$3,800,000	\$5,700,000	<b>\$9,500,000</b>		
2015	\$3,732,150	\$5,598,230	<b>\$9,330,380</b>		
<b>Total</b>	<b>\$7,831,350</b>	<b>\$11,597,430</b>	<b>\$19,428,780</b>		
Project Cost Estimates by Year					
Elements	Planning	Construction	Total		
Prior Years	\$598,400	\$0	<b>\$598,400</b>		
2014	\$750,000	\$8,750,000	<b>\$9,500,000</b>		
2015	\$781,880	\$8,548,500	<b>\$9,330,380</b>		
<b>Total</b>	<b>\$2,130,280</b>	<b>\$17,298,500</b>	<b>\$19,428,780</b>		
Estimated Initial Operations Impact					
	Personnel	Supplies	Purchased Services	Total	FTE
2016*					
<b>Total</b>					

\*Operating impact negligible.



Finance

# 2015-2024 Recommended Capital Program

**John Hartman**  
**Budget Officer**

**Presented**  
**June 10, 2014**

# Overview

- A Ten-Year Capital Project Plan
- Based on the Department Master Plans
- Master Plan Projects fit within projected Resources

# Overview

- Projects in First year will be appropriated in 2015 Budget
- Out – Year Projects approved in concept only
- Plan is updated annually
- Total Ten Year Project Cost - \$509.1 Million

# Major Focus on Infrastructure

➤ Power Transmission	128.8 million
➤ Water Treatment/Distribution	83.8 million
➤ Street Construction/Rehabilitation	71.9 million
➤ Wastewater Collection/Treatment	71.3 million
➤ Storm Water Collection	36.6 million
➤ Water Supply	29.9 million

Total \$422.3 million



# Other Improvements

➤ Open Lands	14.8 million
➤ Park Improvement / Expansion	22.2 million
➤ Museum Expansion	10.0 million
➤ Golf Course Improvements	7.1 million
➤ Recreation Trail	4.6 million
➤ Aquatic Facilities	3.2 million
Total	\$61.9 million

# New Facilities & Facility Maintenance

➤ Police Training Facility	11.7 million
➤ Major Facility Maintenance	6.2 million
➤ Fire Station 10	3.5 million
➤ Museum Storage Facility	2.4 million
➤ Maintenance Operations Center	0.6 million
➤ Cemetery Maintenance Building	0.5 million
Total	\$24.9 million

# Policy Issues

- 1. Wastewater Treatment Plan Facilities require expansion due to new regulations and to meet growth demand
  - A. The projects will require some form of debt - \$10 - 20 million depending on project timing
  - B. Staff is recommending a solution that will require 13.3 million in debt

# Policy Issues

- 2. Capital Expansion Fee revenue is projected based on current rates and growth projections
  - A. A study on fee calculation methodology is currently underway
  - B. Significant changes to the rate structure may effect out year projects, dependent on changes in growth activity as a response to the change



# 2015-2024 Recommended Capital Plan

**Questions?**

**John Hartman**  
Budget Officer

**Presented**  
June 10, 2014