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Capital Program Overview

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 2012-2021 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 2012 Recommended Budget, which will be adopted in October. Projects included in the “out-years” (2013–2021) 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 2012-2021 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.

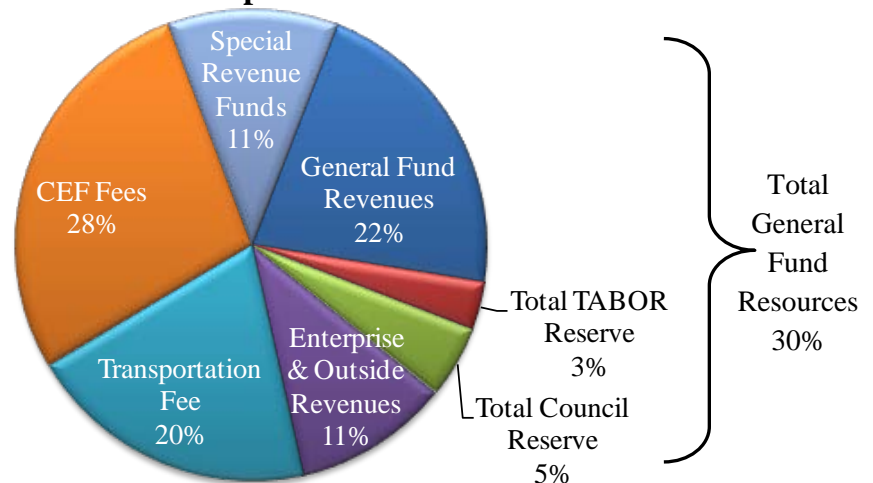
Revenues

The major source of funding for the Capital Program, at 30%, is from General Fund resources, which include Highway Users Tax Fund (HUTF) revenue, General Fund tax revenue, the TABOR reserve, and the Council Capital reserve that dedicates 2.5% of tax revenue below the TABOR limitation for capital projects through 2015 and 5% for the rest of the plan. The availability of General Fund tax resources is linked to the Financial Master Plan, which programs both capital and operating funding for all capital projects.

CEFs are a major funding component at 28% of the total program, although the share has been declining due to the recession. 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

2012-2021 Capital Resources



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 three years and, due to the recession, a recovery to the levels experienced in 2004-2007 is not expected in the near term.

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

Expenses

The Capital Program Summary has two subgroups of capital expenses. The “Bricks & Mortar” subgroup includes all vertical construction, land purchases, park development, and street construction and maintenance. 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.

Prior to 2008, all fire apparatus was excluded from the City’s Fleet Fund. Replacement of the apparatus was budgeted within the Capital Program depending on age and availability of funds. A team effort between the Public Works and the Finance departments developed a fleet plan that will place fire apparatus within the fund upon replacement and amortize the replacement cost over time. By staging the movement of fire apparatus into the Fleet Fund, the Fire & Rescue Department operating budget will increase over time, but will insure funding is available to replace the fire apparatus. The methodology will minimize operating impacts in the near term.

All Building Project costs in 2012 are in current dollars. Building costs in the out-years have been inflated by 4% annually based on the construction cost index reported in the Engineering News Report. Park project costs are in current dollars throughout the plan. Changes in scope may need to occur to keep park projects within the cost estimates shown. Economic conditions and Council priorities will change over time and are difficult to forecast over a 10-year period. A 5-year period is manageable, although all costs are still projections or estimates. For this reason, the discussion will focus on the first five years of the plan.

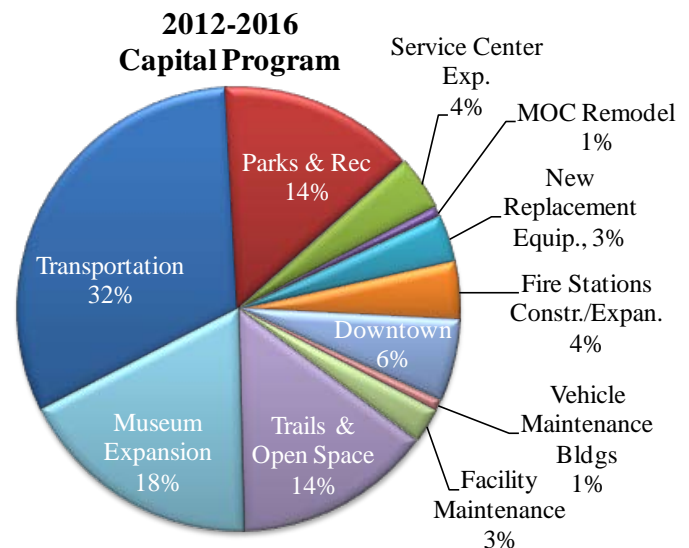
The allocation of funding by project type over the first five years of the recommended program is shown in the pie chart. It demonstrates the Council commitment to transportation with street construction and maintenance being nearly one-third of the total resources allocated in the program.

General Fund Capital Projects Descriptions

The following is a summary of the major projects:

Bricks & Mortar

- **Downtown Improvements:**
 - **Downtown Infrastructure Improvements** – An average of \$1.0 million is programmed annually in 2012-2017 for improvements to the infrastructure downtown. The funding source is General Fund revenues from the Council Capital Reserve.
- **Trail Construction** – \$2.8 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** – \$9.7 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** – In 2003, the City began an accelerated Facility Maintenance Program. 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 \$2.6 million towards this effort over five years using General Fund revenues.
- **Transportation Program** – \$8.1 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** – \$19.3 million is programmed over the five-year period for rehabilitation of existing streets. The funding source is HUTF revenues and the Transportation Utility Fee.
- **MeHaffey Park** – Development of the new 60-acre community park at Wilson Avenue and West 22nd Street, with play facilities, multi-purpose sports fields, ball fields, picnic shelters and playgrounds, hard surface courts, restrooms and parking areas. The total projected cost is \$8.55 million and the facility is planned to open in 2013. The funding sources are Park CEFs and Park Improvement Funds and Conservation Trust Funds.
- **Museum Expansion** – In 2007, the City purchased land adjacent to the Loveland Museum and Art Gallery for expansion purposes. Demolition of the existing building and a 26,000 square foot expansion is planned at a projected cost of \$15.5 million. The funding source is Cultural Services CEFs, General Government CEFs and over \$10 million in grants and private contributions.
- **Loveland Sports Park Phase II** – Development of the next phase of the Loveland Sports Park is scheduled for 2014-2015 at a cost of \$2.3 million. The funding sources are Park CEFs and Recreation CEFs.
- **Service Center Phase III** – This phase will construct a facility to house the Street Maintenance Division, the Storm Water Enterprise, and the Solid Waste Enterprise equipment and personnel. The design phase was programmed in 2011 with construction in 2014. The total cost of the project is \$3.4 million. The funding sources are General Government CEFs and Enterprise fund revenues.

New & Replacement Equipment

- **Fire Apparatus Replacement** – \$2.7 million is programmed for the replacement of fire apparatus in the five-year period. As this equipment is replaced, it will be placed in the Fleet Fund, with future replacement costs amortized over the life of the equipment. The amortization will be charged to the Fire & Rescue Department operating budget. The funding source is General Fund revenues.
- **Police Communication Consoles** – The radio consoles for the Communication Center have aged to where they are need of replacement. Funding is programmed in 2012 for the replacement at \$284,000 to complete the effort begun in 2011, from General Fund revenues.

Enterprise Funds Agencies

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

In 2012, the Water Enterprise is recommending a 4.0% increase in water rates to fund capital improvements for both the treatment plant and the distribution system.

Enterprise Fund Capital Projects Descriptions

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

- \$6.6 million is allocated for 2011-2013 for filter plant projects to improve the plant and expand capacity.
- \$8.3 million is allocated over the planning period for water line replacements.
- \$9.6 million is allocated for projects at the Filter Plant.
- \$13.8 million is allocated for projects at the Water Treatment Plant.
- \$4.8 million is included through 2020 for the construction of a new 30" water line at Morning Drive.

- \$6.5 million in 2016-2017 is allocated for a new 4-million gallon water tank beside the current tank on 29th 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:

- \$22.0 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.
- \$3.8 million is allocated over the 10-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:

- \$2.9 million over 10 years for line replacements due to an aging collection system.
- \$23.2 million in treatment plant improvements driven by regulations and the need for additional capacity.
- \$5.9 million is allocated for sewer line extension and oversizing projects.
- \$2.9 million is allocated in 2014-2015 for the new sewer line along the State Highway 402 corridor.

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:

- \$14.9 million in system improvements.
- \$8.8 million is allocated for feeder line extensions.
- \$1.1 million is allocated over the 10-year period for the Partnering With Power Program, designed to help residential customers reduce usage, particularly in the peak period, reducing costs for both the customer and the utility.
- \$8.0 million is allocated for substation improvements and major maintenance.
- \$2.2 million is allocated for power line relocations driven by new street construction projects.
- \$2.7 million is allocated for street light improvements and maintenance.

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 include:

- \$1.1 million is allocated in 2013 for the 29th Street and Monroe Avenue Outfall.
- \$5.2 million is allocated for the South Loveland Outfall Phase III.
- \$1.1 million is allocated for Boyd Lake Outlet Ditch improvements.
- \$2.5 million is allocated over the 10-year period for maintenance projects.
- \$1.1 million is allocated for Airport Basin Master Plan improvements.

2012-2021 All Funds Recommended Capital Program

	2012	2013	2014	2015	2016	Five Year Total
General Fund	5,015,370	3,713,310	4,940,850	3,927,160	4,695,680	22,292,370
Capital Projects Fund	2,405,440	2,603,580	14,496,520	2,589,730	2,461,430	24,556,700
Golf Enterprise	-	-	-	-	-	-
Power Enterprise	6,109,810	4,507,470	4,733,650	7,865,360	8,173,970	31,390,260
Water Enterprise	2,135,510	3,097,110	4,864,190	7,092,300	3,963,730	21,152,840
Wastewater Enterprise	849,850	724,770	1,508,980	4,903,160	4,699,100	12,685,860
Raw Water Enterprise	820,110	582,710	21,166,180	500,000	572,300	23,641,300
Storm Water Enterprise	2,065,000	1,945,000	2,440,800	907,000	1,238,400	8,596,200
Streets CEF Fund	1,095,090	902,360	893,900	899,000	901,000	4,691,350
Parks CEF Fund	5,800,000	168,000	150,000	1,400,000	250,000	7,768,000
Recreation CEF Fund	250,000	-	-	800,000	-	1,050,000
Open Space CEF Fund	-	450,000	-	-	500,000	950,000
Recreation Trails CEF Fund	164,460	200,000	-	475,230	-	839,690
General Government CEF Fund	-	58,000	4,560,830	-	-	4,618,830
Fire CEF Fund	767,350	2,901,000	-	-	-	3,668,350
Police CEF Fund	-	-	-	-	-	-
Library CEF Fund	-	-	-	-	-	-
Cultural Services CEF Fund	-	2,270,140	77,760	-	-	2,347,900
Conservation Trust Fund	2,000,000	613,280	405,100	331,730	616,910	3,967,020
Park Improvement Fund	500,000	-	500,000	79,000	500,000	1,579,000
Open Lands Tax Fund	2,800,000	1,350,000	1,650,000	1,650,000	1,350,000	8,800,000
Total Expense	\$ 32,777,990	\$ 26,086,730	\$ 62,388,760	\$ 33,419,670	\$ 29,922,520	\$184,595,670

2017	2018	2019	2020	2021	Ten Year Total
3,553,180	2,591,880	2,682,110	2,719,890	3,490,100	37,329,530
2,535,270	2,611,330	2,689,670	2,770,330	2,853,440	38,016,740
-	-	-	-	-	-
5,468,240	5,038,530	5,729,750	5,304,240	6,337,760	59,268,780
2,377,400	6,199,850	2,613,540	10,732,250	2,039,410	45,115,290
8,456,850	8,636,590	2,618,470	5,490,420	3,492,450	41,380,640
500,000	500,000	1,660,660	500,000	500,000	27,301,960
815,000	1,308,200	3,639,700	1,200,750	3,622,250	19,182,100
899,400	949,000	1,001,000	1,101,000	1,246,200	9,887,950
-	-	300,000	2,250,000	-	10,318,000
-	-	-	450,000	-	1,500,000
-	-	500,000	-	-	1,450,000
-	-	-	-	-	839,690
-	-	-	-	-	4,618,830
-	-	-	-	-	3,668,350
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	2,347,900
-	-	-	-	-	3,967,020
-	-	-	-	-	1,579,000
-	-	-	-	-	8,800,000
\$ 24,605,340	\$ 27,835,380	\$ 23,434,900	\$ 32,518,880	\$ 23,581,610	\$316,571,780

2012-2021 General Fund Agencies Recommended Capital Program

	2012	2013	2014	2015	2016	Five Year Total
Revenue						
Beginning Balance	\$ 54,306,211	\$ 44,511,781	\$ 39,642,521	\$ 36,042,721	\$ 34,683,251	\$ 54,306,211
1 General Fund	3,126,650	2,282,950	3,546,750	2,268,160	3,306,680	14,531,190
2 TABOR	-	-	-	-	-	-
3 Council Reserve	870,180	136,590	110,620	118,100	1,378,970	2,614,460
4 Transportation Fee	1,917,250	2,252,550	2,320,130	2,389,730	2,461,430	11,341,090
5 CEF	2,447,200	3,247,300	3,354,330	3,452,780	3,534,670	16,036,280
6 Interest	780,090	705,130	871,950	958,520	1,026,380	4,342,070
7 Conservation Trust	500,000	500,000	500,000	500,000	500,000	2,500,000
8 Open Lands Tax	1,456,560	1,485,690	1,515,400	1,545,710	1,576,630	7,579,990
9 Other Revenue Less Operations Expense	(416,910)	(430,580)	(445,750)	(461,460)	(477,710)	(2,232,410)
10 Park Improvement	52,550	52,600	52,650	52,700	52,760	263,260
11 Outside Revenue	488,190	351,030	12,176,390	200,000	-	13,215,610
12 Sale of Old Fire Station 2	-	-	300,000	-	-	300,000
13 Funding for Operating and Maintenance Reserve	(218,480)	(222,850)	(227,310)	(231,860)	(236,490)	(1,136,990)
Total Revenue	\$ 65,309,491	\$ 54,872,191	\$ 63,717,681	\$ 46,835,101	\$ 47,806,571	\$ 123,660,761
Expense						
Bricks & Mortar						
14 Downtown Infrastructure	1,100,000	1,000,000	1,000,000	1,000,000	1,000,000	5,100,000
15 Recreation Trail	164,460	813,280	405,100	806,960	616,910	2,806,710
16 Open Lands Acquisition	2,800,000	1,800,000	1,650,000	1,650,000	1,850,000	9,750,000
17 Facility Maintenance Capital Projects	600,000	500,000	500,000	500,000	500,000	2,600,000
18 Transportation Program	2,372,000	1,590,000	1,368,000	1,458,000	1,290,000	8,078,000
19 Street Rehabilitation	3,644,900	3,754,250	3,866,880	3,982,890	4,102,380	19,351,300
20 Develop McHaffey Park	8,550,000	-	-	-	-	8,550,000
21 Park Improvements Projects	-	-	-	79,000	-	79,000
22 Remodel and Expand Fire Station 6	767,350	-	-	-	-	767,350
23 Construct New Fire Station 2 for NW Service	-	2,901,000	-	-	-	2,901,000
24 Museum Expansion	-	2,328,140	13,192,820	-	-	15,520,960
25 North Lake Tennis Courts	-	168,000	-	-	-	168,000
26 VM - Fuel Tank Replacement	-	375,000	-	-	-	375,000
27 VM - Car Wash	-	-	400,000	-	-	400,000
28 Loveland Sports Parks	-	-	150,000	2,200,000	-	2,350,000
29 Service Center Phase III Expansion	-	-	3,442,160	-	-	3,442,160
30 Maintenance Operations Center Remodel	-	-	-	-	635,730	635,730
31 Neighborhood Parks	-	-	500,000	-	750,000	1,250,000
32 Fairgrounds Park	-	-	-	-	-	-
Subtotal Bricks & Mortar	\$ 19,998,710	\$ 15,229,670	\$ 26,474,960	\$ 11,676,850	\$ 10,745,020	\$ 84,125,210
New & Replacement Equipment						
34 Replace Fire Apparatus	515,000	-	1,200,000	475,000	530,000	2,720,000
35 Public Works Heavy Equipment Replacement	-	-	-	-	-	-
36 Police Communication Consoles	284,000	-	-	-	-	284,000
Subtotal Equipment	799,000	-	1,200,000	475,000	530,000	3,004,000
Total	\$ 20,797,710	\$ 15,229,670	\$ 27,674,960	\$ 12,151,850	\$ 11,275,020	\$ 87,129,210
Reserve for Future Capital Projects	\$ 44,511,781	\$ 39,642,521	\$ 36,042,721	\$ 34,683,251	\$ 36,531,551	\$ 36,531,551

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.

2017	2018	2019	2020	2021	Ten Year Total
\$ 36,531,551	\$ 41,493,351	\$ 48,440,851	\$ 53,629,401	\$ 57,172,271	\$ 54,306,211
1,690,180	2,240,880	2,293,110	2,346,890	3,167,370	26,269,620
-	-	-	-	-	-
2,566,430	2,673,290	2,784,580	2,900,830	2,990,780	16,530,370
2,535,270	2,611,330	2,689,670	2,770,330	2,853,440	24,801,130
2,513,020	2,576,970	2,642,620	2,710,010	2,779,170	29,258,070
1,219,530	1,562,050	1,924,830	2,097,930	2,191,290	13,337,700
500,000	500,000	500,000	500,000	500,000	5,000,000
1,608,160	1,640,320	-	-	-	10,828,470
(494,530)	(511,950)	(526,410)	(544,830)	(563,900)	(4,874,030)
52,810	52,870	52,930	52,930	52,930	527,730
-	-	-	-	-	13,215,610
-	-	-	-	-	300,000
(241,220)	(246,050)	-	-	-	(1,624,260)
\$ 48,481,201	\$ 54,593,061	\$ 60,802,181	\$ 66,463,491	\$ 71,143,351	\$ 187,876,621
1,000,000	-	-	-	-	6,100,000
-	-	-	-	-	2,806,710
-	-	500,000	-	-	10,250,000
500,000	500,000	500,000	500,000	500,000	5,100,000
1,262,400	1,300,000	1,390,000	1,474,000	1,659,000	15,163,400
4,225,450	4,352,210	4,482,780	4,617,220	4,755,740	41,784,700
-	-	-	-	-	8,550,000
-	-	-	-	-	79,000
-	-	-	-	-	767,350
-	-	-	-	-	2,901,000
-	-	-	-	-	15,520,960
-	-	-	-	-	168,000
-	-	-	-	-	375,000
-	-	-	-	-	400,000
-	-	-	-	-	2,350,000
-	-	-	-	-	3,442,160
-	-	-	-	-	635,730
-	-	-	-	-	1,250,000
-	-	300,000	2,700,000	-	3,000,000
\$ 6,987,850	\$ 6,152,210	\$ 7,172,780	\$ 9,291,220	\$ 6,914,740	\$ 120,644,010
-	-	-	-	-	2,720,000
-	-	-	-	675,000	675,000
-	-	-	-	-	284,000
-	-	-	-	675,000	3,679,000
\$ 6,987,850	\$ 6,152,210	\$ 7,172,780	\$ 9,291,220	\$ 7,589,740	\$ 124,323,010
\$ 41,493,351	\$ 48,440,851	\$ 53,629,401	\$ 57,172,271	\$ 63,553,611	\$ 63,553,611

2012 Revenue Sources	General Fund	GF TABOR	GF Council Reserve	Capital Projects	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	-	4,159,910	4,258,060	-	1,642,750	5,750,260	4,901,960	1,554,190	959,620
Current Year	1,399,000	-	1,061,930	-	803,640	456,900	223,640	110,300	70,370
Interest on Beginning Balance	-	-	-	-	27,930	97,750	83,330	26,420	16,310
HUTF Revenue Allocated to Street Maintenance	1,727,650	-	-	-	-	-	-	-	-
Transportation Fee	-	-	-	1,917,250	-	-	-	-	-
Other Revenue less Operating Expense	-	-	-	-	-	-	-	-	-
Internal Loan Repayment	-	-	(191,750)	-	-	-	76,700	-	-
Funding for Operating and Maintenance Reserve	-	-	-	-	-	-	-	-	-
Total Resources	\$ 3,126,650	\$ 4,159,910	\$ 5,128,240	\$ 1,917,250	\$ 2,474,320	\$ 6,304,910	\$ 5,285,630	\$ 1,690,910	\$ 1,046,300

Project Requests 2012

Downtown Infrastructure	-	-	1,100,000	-	-	-	-	-	-
Replace ALF/General Engine	515,000	-	-	-	-	-	-	-	-
McHaffey Park - Construction - Year 2 of a 2 Year project	-	-	-	-	-	5,800,000	250,000	-	-
Recreation Trail	-	-	-	-	-	-	-	-	164,460
Open Lands Acquisition	-	-	-	-	-	-	-	-	-
Dispatch Consoles	284,000	-	-	-	-	-	-	-	-
Remodel & Expand Fire Station #6	-	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	510,000	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	50,000	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Carpet Replacement Program)	40,000	-	-	-	-	-	-	-	-
Transportation Program	-	788,720	-	-	1,095,090	-	-	-	-
Street Maintenance	1,727,650	-	-	1,917,250	-	-	-	-	-
Total 2012 Project Costs	\$ 3,126,650	\$ 788,720	\$ 1,100,000	\$ 1,917,250	\$ 1,095,090	\$ 5,800,000	\$ 250,000	-	\$ 164,460
Ending Balance	-	\$ 3,371,190	\$ 4,028,240	-	\$ 1,379,230	\$ 504,910	\$ 5,035,630	\$ 1,690,910	\$ 881,840

2013 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Capital Projects	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	-	3,371,190	4,028,240	-	1,379,230	504,910	5,035,630	1,690,910	881,840
Current Year	781,250	-	1,093,740	-	808,180	469,240	229,680	113,280	72,270
Interest on Beginning Balance	-	-	-	-	26,210	9,590	95,680	32,130	16,750
HUTF Revenue Allocated to Street Maintenance	1,501,700	-	-	-	-	-	-	-	-
Transportation Fee	-	-	-	2,252,550	-	-	-	-	-
Other Revenue less Operating Expense	-	-	-	-	-	-	-	-	-
Internal Loan Repayment	-	-	(957,150)	-	-	-	382,860	-	-
Funding for Operating and Maintenance Reserve	-	-	-	-	-	-	-	-	-
Total Resources	\$ 2,282,950	\$ 3,371,190	\$ 4,164,830	\$ 2,252,550	\$ 2,213,620	\$ 983,740	\$ 5,743,850	\$ 1,836,320	\$ 970,860

Project Requests 2013

Downtown Infrastructure	-	-	1,000,000	-	-	-	-	-	-
Museum Expansion Design (Year 1 of 2 Year Project)	-	-	-	-	-	-	-	-	-
North Lake Tennis Courts - Addition of 3 Courts	-	-	-	-	-	168,000	-	-	-
Recreation Trail	-	-	-	-	-	-	-	-	200,000
Open Lands Acquisition	-	-	-	-	-	-	-	450,000	-
VM Fuel tank replacement	281,250	-	-	-	-	-	-	-	-
Construct New Fire Station 2 to Expand NW Service And Add New Engine	-	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	380,000	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	120,000	-	-	-	-	-	-	-	-
Transportation Program	-	430,360	-	-	902,360	-	-	-	-
Street Maintenance	1,501,700	-	-	2,252,550	-	-	-	-	-
Total 2013 Project Costs	\$ 2,282,950	\$ 430,360	\$ 1,000,000	2,252,550	\$ 902,360	\$ 168,000	-	\$ 450,000	\$ 200,000
Ending Balance	-	\$ 2,940,830	\$ 3,164,830	-	\$ 1,311,260	\$ 815,740	\$ 5,743,850	\$ 1,386,320	\$ 770,860

Gen. Govt. CEF	Fire CEF	Police CEF	Library CEF	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
5,654,990	5,531,220	3,900,040	231,700	2,043,870	4,570,500	2,554,690	6,592,451	-	54,306,211
176,860	146,990	100,190	92,260	74,300	500,000	52,550	1,456,560	488,190	7,213,680
96,130	94,030	66,300	3,940	34,750	77,700	43,430	112,070	-	780,090
-	-	-	-	-	-	-	-	-	1,727,650
-	-	-	-	-	-	-	-	-	1,917,250
-	-	-	-	-	(182,760)	-	(234,150)	-	(416,910)
-	115,050	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	(218,480)	-	(218,480)
\$ 5,927,980	\$ 5,887,290	\$ 4,066,530	\$ 327,900	\$ 2,152,920	\$ 4,965,440	\$ 2,650,670	\$ 7,708,451	\$ 488,190	\$ 65,309,491

-	-	-	-	-	-	-	-	-	1,100,000
-	-	-	-	-	-	-	-	-	515,000
-	-	-	-	-	2,000,000	500,000	-	-	8,550,000
-	-	-	-	-	-	-	-	-	164,460
-	-	-	-	-	-	-	2,800,000	-	2,800,000
-	-	-	-	-	-	-	-	-	284,000
-	767,350	-	-	-	-	-	-	-	767,350
-	-	-	-	-	-	-	-	-	510,000
-	-	-	-	-	-	-	-	-	50,000
-	-	-	-	-	-	-	-	-	40,000
-	-	-	-	-	-	-	-	488,190	2,372,000
-	-	-	-	-	-	-	-	-	3,644,900
-	\$ 767,350	-	-	-	\$ 2,000,000	\$ 500,000	\$ 2,800,000	\$ 488,190	\$ 20,797,710
\$ 5,927,980	\$ 5,119,940	\$ 4,066,530	\$ 327,900	\$ 2,152,920	\$ 2,965,440	\$ 2,150,670	\$ 4,908,451	-	\$ 44,511,781

Gen. Govt. CEF	Fire CEF	Police CEF	Library CEF	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
5,927,980	5,119,940	4,066,530	327,900	2,152,920	2,965,440	2,150,670	4,908,451	-	44,511,781
177,860	147,820	100,760	94,750	76,310	500,000	52,600	1,485,690	351,030	6,554,460
112,630	97,280	77,260	6,230	40,910	56,340	40,860	93,260	-	705,130
-	-	-	-	-	-	-	-	-	1,501,700
-	-	-	-	-	-	-	-	-	2,252,550
-	-	-	-	-	(189,160)	-	(241,420)	-	(430,580)
-	574,290	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	(222,850)	-	(222,850)
\$ 6,218,470	\$ 5,939,330	\$ 4,244,550	\$ 428,880	\$ 2,270,140	\$ 3,332,620	\$ 2,244,130	\$ 6,023,131	\$ 351,030	\$ 54,872,191

-	-	-	-	-	-	-	-	-	1,000,000
58,000	-	-	-	2,270,140	-	-	-	-	2,328,140
-	-	-	-	-	-	-	-	-	168,000
-	-	-	-	-	613,280	-	-	-	813,280
-	-	-	-	-	-	-	1,350,000	-	1,800,000
-	-	-	-	-	-	-	-	93,750	375,000
-	2,901,000	-	-	-	-	-	-	-	2,901,000
-	-	-	-	-	-	-	-	-	380,000
-	-	-	-	-	-	-	-	-	120,000
-	-	-	-	-	-	-	-	257,280	1,590,000
-	-	-	-	-	-	-	-	-	3,754,250
\$ 58,000	\$ 2,901,000	-	-	\$ 2,270,140	\$ 613,280	-	\$ 1,350,000	\$ 351,030	\$ 15,229,670
\$ 6,160,470	\$ 3,038,330	\$ 4,244,550	\$ 428,880	-	\$ 2,719,340	\$ 2,244,130	\$ 4,673,131	-	\$ 39,642,521

2014 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Capital Projects	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	-	2,940,830	3,164,830	-	1,311,260	815,740	5,743,850	1,386,320	770,860
Current Year	2,000,000	-	1,136,230	-	820,300	478,160	234,040	115,430	73,640
Interest on Beginning Balance	-	-	-	-	34,090	21,210	149,340	36,040	20,040
HUTF Revenue Allocated to Street Maintenance	1,546,750	-	-	-	-	-	-	-	-
Transportation Fee	-	-	-	2,320,130	-	-	-	-	-
Other Revenue less Operating Expense	-	-	-	-	-	-	-	-	-
Internal Loan Repayment	-	-	(1,025,610)	-	-	-	410,240	-	-
Sale of Old Fire Station 2 Building	300,000	-	-	-	-	-	-	-	-
Funding for Operating and Maintenance Reserve	-	-	-	-	-	-	-	-	-
Total Resources	\$ 3,846,750	\$ 2,940,830	\$ 3,275,450	\$ 2,320,130	\$ 2,165,650	\$ 1,315,110	\$ 6,537,470	\$ 1,537,790	\$ 864,540

Project Requests 2014

Downtown Infrastructure	-	-	1,000,000	-	-	-	-	-	-
Museum Expansion Construction (Year 2 of 2 Year Project)	-	-	-	-	-	-	-	-	-
Service Center Phase III Expansion To House Solid Waste, Streets, and Stormwater - Construction (Year 2 of 2 Year Project)	-	-	-	-	-	-	-	-	-
Replace Smeal Ladder Truck	1,200,000	-	-	-	-	-	-	-	-
Neighborhood Parks	-	-	-	-	-	-	-	-	-
Loveland Sports Park - Phase II Development On East Side - Planning - Year 1 of 2 Year Project	-	-	-	-	-	150,000	-	-	-
Recreation Trail	-	-	-	-	-	-	-	-	-
Open Lands Acquisition	-	-	-	-	-	-	-	-	-
VM - Car Wash	300,000	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	500,000	-	-	-	-	-	-	-	-
Transportation Program	-	394,100	-	-	893,900	-	-	-	-
Street Maintenance	1,546,750	-	-	2,320,130	-	-	-	-	-
Total 2014 Project Costs	\$ 3,546,750	\$ 394,100	\$ 1,000,000	\$ 2,320,130	\$ 893,900	\$ 150,000	\$ -	\$ -	\$ -
Ending Balance	\$ 300,000	\$ 2,546,730	\$ 2,275,450	-	\$ 1,271,750	\$ 1,165,110	\$ 6,537,470	\$ 1,537,790	\$ 864,540

2015 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Capital Projects	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	300,000	2,546,730	2,275,450	-	1,271,750	1,165,110	6,537,470	1,537,790	864,540
Current Year	675,000	-	1,183,050	-	844,910	487,720	238,720	117,740	75,110
Interest on Beginning Balance	-	-	-	-	39,420	36,120	202,660	47,670	26,800
HUTF Revenue Allocated To Street Maintenance	1,593,160	-	-	-	-	-	-	-	-
Transportation Fee	-	-	-	2,389,730	-	-	-	-	-
Other Revenue less Operating Expense	-	-	-	-	-	-	-	-	-
Internal Loan Repayment	-	-	(1,064,950)	-	-	-	425,980	-	-
Funding for Operating and Maintenance Reserve	-	-	-	-	-	-	-	-	-
Total Resources	\$ 2,568,160	\$ 2,546,730	\$ 2,393,550	2,389,730	\$ 2,156,080	\$ 1,688,950	\$ 7,404,830	\$ 1,703,200	\$ 966,450

Project Requests 2015

Downtown Infrastructure	-	-	1,000,000	-	-	-	-	-	-
Replace 1995 General Telesquirt	475,000	-	-	-	-	-	-	-	-
Loveland Sports Park - Phase II Development On East Side - Construction - Year 2 of 2 Year Project	-	-	-	-	-	1,400,000	800,000	-	-
Recreation Trail	-	-	-	-	-	-	-	-	475,230
Open Lands Acquisition	-	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	500,000	-	-	-	-	-	-	-	-
Parks Improvement Projects	-	-	-	-	-	-	-	-	-
Transportation Program	-	359,000	-	-	899,000	-	-	-	-
Street Maintenance	1,593,160	-	-	2,389,730	-	-	-	-	-
Total 2015 Project Costs	\$ 2,568,160	\$ 359,000	\$ 1,000,000	\$ 2,389,730	\$ 899,000	\$ 1,400,000	\$ 800,000	\$ -	\$ 475,230
Ending Balance	-	\$ 2,187,730	\$ 1,393,550	-	\$ 1,257,080	\$ 288,950	\$ 6,604,830	\$ 1,703,200	\$ 491,220

Gen. Govt. CEF	Fire CEF	Police CEF	Library CEF	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
6,160,470	3,038,330	4,244,550	428,880	-	2,719,340	2,244,130	4,673,131	-	39,642,521
180,530	150,040	102,270	96,550	77,760	500,000	52,650	1,515,400	12,176,390	19,709,390
160,170	79,000	110,360	11,150	-	70,700	58,350	121,500	-	871,950
-	-	-	-	-	-	-	-	-	1,546,750
-	-	-	-	-	-	-	-	-	2,320,130
-	-	-	-	-	(195,780)	-	(249,970)	-	(445,750)
-	615,370	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	300,000
-	-	-	-	-	-	-	(227,310)	-	(227,310)
\$ 6,501,170	\$ 3,882,740	\$ 4,457,180	\$ 536,580	\$ 77,760	\$ 3,094,260	\$ 2,355,130	\$ 5,832,751	\$ 12,176,390	\$ 63,717,681

-	-	-	-	-	-	-	-	-	1,000,000
3,115,060	-	-	-	77,760	-	-	-	10,000,000	13,192,820
1,445,770	-	-	-	-	-	-	-	1,996,390	3,442,160
-	-	-	-	-	-	-	-	-	1,200,000
-	-	-	-	-	-	500,000	-	-	500,000
-	-	-	-	-	-	-	-	-	150,000
-	-	-	-	-	405,100	-	-	-	405,100
-	-	-	-	-	-	-	1,650,000	-	1,650,000
-	-	-	-	-	-	-	-	100,000	400,000
-	-	-	-	-	-	-	-	-	500,000
-	-	-	-	-	-	-	-	80,000	1,368,000
-	-	-	-	-	-	-	-	-	3,866,880
\$ 4,560,830	-	-	-	\$ 77,760	\$ 405,100	\$ 500,000	\$ 1,650,000	\$ 12,176,390	\$ 27,674,960
\$ 1,940,340	\$ 3,882,740	\$ 4,457,180	\$ 536,580	-	\$ 2,689,160	\$ 1,855,130	\$ 4,182,751	-	\$ 36,042,721

Gen. Govt. CEF	Fire CEF	Police CEF	Library CEF	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
1,940,340	3,882,740	4,457,180	536,580	-	2,689,160	1,855,130	4,182,751	-	36,042,721
185,950	154,540	105,340	98,480	79,320	500,000	52,700	1,545,710	200,000	6,544,290
60,150	120,360	138,170	16,630	-	83,360	57,510	129,670	-	958,520
-	-	-	-	-	-	-	-	-	1,593,160
-	-	-	-	-	-	-	-	-	2,389,730
-	-	-	-	-	(202,630)	-	(258,830)	-	(461,460)
-	638,970	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	(231,860)	-	(231,860)
\$ 2,186,440	\$ 4,796,610	\$ 4,700,690	\$ 651,690	\$ 79,320	\$ 3,069,890	\$ 1,965,340	\$ 5,367,441	\$ 200,000	\$ 46,835,101

-	-	-	-	-	-	-	-	-	1,000,000
-	-	-	-	-	-	-	-	-	475,000
-	-	-	-	-	-	-	-	-	2,200,000
-	-	-	-	-	331,730	-	-	-	806,960
-	-	-	-	-	-	-	1,650,000	-	1,650,000
-	-	-	-	-	-	-	-	-	500,000
-	-	-	-	-	-	79,000	-	-	79,000
-	-	-	-	-	-	-	-	200,000	1,458,000
-	-	-	-	-	\$ 331,730	\$ 79,000	\$ 1,650,000	\$ 200,000	\$ 12,151,850
\$ 2,186,440	\$ 4,796,610	\$ 4,700,690	\$ 651,690	\$ 79,320	\$ 2,738,160	\$ 1,886,340	\$ 3,717,441	-	\$ 34,683,251

2016 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Capital Projects	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	-	2,187,730	1,393,550		1,257,080	288,950	6,604,830	1,703,200	491,220
Current Year	1,665,730	-	2,464,040	-	870,260	497,960	243,730	120,210	76,690
Interest on Beginning Balance	-	-	-	-	41,480	9,540	217,960	56,210	16,210
HUTF Revenue Allocated to Street Maintenance	1,640,950	-	-	-	-	-	-	-	-
Transportation Fee	-	-	-	2,461,430	-	-	-	-	-
Other Revenue less Operating Expense	-	-	-	-	-	-	-	-	-
Internal Loan Repayment	-	-	(1,085,070)	-	-	-	434,030	-	-
Funding for Operating and Maintenance Reserve	-	-	-	-	-	-	-	-	-
Total Resources	\$ 3,306,680	\$ 2,187,730	\$ 2,772,520	\$ 2,461,430	\$ 2,168,820	\$ 796,450	\$ 7,500,550	\$ 1,879,620	\$ 584,120

Project Requests 2016

Downtown Infrastructure	-	-	1,000,000	-	-	-	-	-	-
Replace Smeal Engine	530,000	-	-	-	-	-	-	-	-
Neighborhood Parks - Expansion and Renovation	-	-	-	-	-	250,000	-	-	-
Recreation Trail	-	-	-	-	-	-	-	-	-
Open Lands Acquisition	-	-	-	-	-	-	-	500,000	-
Maintenance Operations Center Remodel	635,730	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	415,000	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	85,000	-	-	-	-	-	-	-	-
Transportation Program	-	389,000	-	-	901,000	-	-	-	-
Street Maintenance	1,640,950	-	-	2,461,430	-	-	-	-	-
Total 2016 Project Costs	\$ 3,306,680	\$ 389,000	\$ 1,000,000	\$ 2,461,430	\$ 901,000	\$ 250,000	\$ -	\$ 500,000	-
Ending Balance	-	\$ 1,798,730	\$ 1,772,520	-	\$ 1,267,820	\$ 546,450	\$ 7,500,550	\$ 1,379,620	\$ 584,120

2017 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Capital Projects	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	-	1,798,730	1,772,520	-	1,267,820	546,450	7,500,550	1,379,620	584,120
Current Year	-	-	2,566,430	-	896,370	508,420	248,850	122,730	78,300
Interest on Beginning Balance	-	-	-	-	46,910	20,220	277,520	51,050	21,610
HUTF Revenue Allocated to Street Maintenance	1,690,180	-	-	-	-	-	-	-	-
Transportation Fee	-	-	-	2,535,270	-	-	-	-	-
Other Revenue less Operating Expense	-	-	-	-	-	-	-	-	-
Funding for Operating and Maintenance Reserve	-	-	-	-	-	-	-	-	-
Total Resources	\$ 1,690,180	\$ 1,798,730	\$ 4,338,950	\$ 2,535,270	\$ 2,211,100	\$ 1,075,090	\$ 8,026,920	\$ 1,553,400	\$ 684,030

Project Requests 2017

Downtown Infrastructure	-	-	1,000,000	-	-	-	-	-	-
Facility Maintenance Capital (Building Maintenance Projects)	430,000	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	70,000	-	-	-	-	-	-	-	-
Transportation Program	-	363,000	-	-	899,400	-	-	-	-
Street Maintenance	1,690,180	-	-	2,535,270	-	-	-	-	-
Total 2017 Project Costs	\$ 2,190,180	\$ 363,000	\$ 1,000,000	\$ 2,535,270	\$ 899,400	-	-	-	-
Ending Balance	\$ (500,000)	\$ 1,435,730	\$ 3,338,950	-	\$ 1,311,700	\$ 1,075,090	\$ 8,026,920	\$ 1,553,400	\$ 684,030

Gen. Govt. CEF	Fire CEF	Police CEF	Library CEF	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
2,186,440	4,796,610	4,700,690	651,690	79,320	2,738,160	1,886,340	3,717,441	-	34,683,251
191,530	159,180	108,500	100,550	80,990	500,000	52,760	1,576,630	-	8,708,760
72,150	158,290	155,120	21,510	2,620	90,360	62,250	122,680	-	1,026,380
-	-	-	-	-	-	-	-	-	1,640,950
-	-	-	-	-	-	-	-	-	2,461,430
-	-	-	-	-	(209,720)	-	(267,990)	-	(477,710)
-	651,040	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	(236,490)	-	(236,490)
\$ 2,450,120	\$ 5,765,120	\$ 4,964,310	\$ 773,750	\$ 162,930	\$ 3,118,800	\$ 2,001,350	\$ 4,912,271	-	\$ 47,806,571

-	-	-	-	-	-	-	-	-	1,000,000
-	-	-	-	-	-	-	-	-	530,000
-	-	-	-	-	-	500,000	-	-	750,000
-	-	-	-	-	616,910	-	-	-	616,910
-	-	-	-	-	-	-	1,350,000	-	1,850,000
-	-	-	-	-	-	-	-	-	635,730
-	-	-	-	-	-	-	-	-	415,000
-	-	-	-	-	-	-	-	-	85,000
-	-	-	-	-	-	-	-	-	1,290,000
-	-	-	-	-	-	-	-	-	4,102,380
-	-	-	-	-	\$ 616,910	\$ 500,000	\$ 1,350,000	-	\$ 11,275,020
\$ 2,450,120	\$ 5,765,120	\$ 4,964,310	\$ 773,750	\$ 162,930	\$ 2,501,890	\$ 1,501,350	\$ 3,562,271	-	\$ 36,531,551

Gen. Govt. CEF	Fire CEF	Police CEF	Library CEF	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
2,450,120	5,765,120	4,964,310	773,750	162,930	2,501,890	1,501,350	3,562,271	-	36,531,551
197,280	163,960	111,760	102,660	82,690	500,000	52,810	1,608,160	-	7,240,420
90,650	213,310	183,680	28,630	6,030	92,570	55,550	131,800	-	1,219,530
-	-	-	-	-	-	-	-	-	1,690,180
-	-	-	-	-	-	-	-	-	2,535,270
-	-	-	-	-	(217,060)	-	(277,470)	-	(494,530)
-	-	-	-	-	-	-	(241,220)	-	(241,220)
\$ 2,738,050	\$ 6,142,390	\$ 5,259,750	\$ 905,040	\$ 251,650	\$ 2,877,400	\$ 1,609,710	\$ 4,783,541	-	\$ 48,481,201

-	-	-	-	-	-	-	-	-	1,000,000
-	-	-	-	-	-	-	-	-	430,000
-	-	-	-	-	-	-	-	-	70,000
-	-	-	-	-	-	-	-	-	1,262,400
-	-	-	-	-	-	-	-	-	4,225,450
-	-	-	-	-	-	-	-	-	\$ 6,987,850
\$ 2,738,050	\$ 6,142,390	\$ 5,259,750	\$ 905,040	\$ 251,650	\$ 2,877,400	\$ 1,609,710	\$ 4,783,541	-	\$ 41,493,351

2018 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Capital Projects	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	(500,000)	1,435,730	3,338,950	-	1,311,700	1,075,090	8,026,920	1,553,400	684,030
Current Year	500,000	-	2,673,290	-	923,260	518,590	253,830	125,180	79,870
Interest on Beginning Balance	-	-	-	-	56,400	46,230	345,160	66,800	29,410
HUTF Revenue Allocated to Street Maintenance	1,740,880	-	-	-	-	-	-	-	-
Transportation Fee	-	-	-	2,611,330	-	-	-	-	-
Other Revenue less Operating Expense	-	-	-	-	-	-	-	-	-
Funding for Operating and Maintenance Reserve	-	-	-	-	-	-	-	-	-
Total Resources	\$ 1,740,880	\$ 1,435,730	\$ 6,012,240	\$ 2,611,330	\$ 2,291,360	\$ 1,639,910	\$ 8,625,910	\$ 1,745,380	\$ 793,310

Project Requests 2018

Facility Maintenance Capital (Building Maintenance Projects)	420,000	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	80,000	-	-	-	-	-	-	-	-
Transportation Program	-	351,000	-	-	949,000	-	-	-	-
Street Maintenance	1,740,880	-	-	2,611,330	-	-	-	-	-
Total 2018 Project Costs	\$ 2,240,880	\$ 351,000	-	\$ 2,611,330	\$ 949,000	-	-	-	-
Ending Balance	\$ (500,000)	\$ 1,084,730	\$ 6,012,240	\$ -	\$ 1,342,360	\$ 1,639,910	\$ 8,625,910	\$ 1,745,380	\$ 793,310

2019 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Capital Projects	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	(500,000)	1,084,730	6,012,240	-	1,342,360	1,639,910	8,625,910	1,745,380	793,310
Current Year	500,000	-	2,784,580	-	950,960	528,960	258,910	127,680	81,470
Interest on Beginning Balance	-	-	-	-	61,750	75,440	396,790	80,290	36,490
HUTF Revenue Allocated to Street Maintenance	1,793,110	-	-	-	-	-	-	-	-
Transportation Fee	-	-	-	2,689,670	-	-	-	-	-
Other Revenue less Operating Expense	-	-	-	-	-	-	-	-	-
Funding for Operating and Maintenance Reserve	-	-	-	-	-	-	-	-	-
Total Resources	\$ 1,793,110	\$ 1,084,730	\$ 8,796,820	\$ 2,689,670	\$ 2,355,070	\$ 2,244,310	\$ 9,281,610	\$ 1,953,350	\$ 911,270

Project Requests 2019

Facility Maintenance Capital (Building Maintenance Projects)	420,000	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	80,000	-	-	-	-	-	-	-	-
Fairgrounds Park Phase II	-	-	-	-	-	300,000	-	-	-
Open Lands	-	-	-	-	-	-	-	500,000	-
Transportation Program	-	389,000	-	-	1,001,000	-	-	-	-
Street Maintenance	1,793,110	-	-	2,689,670	-	-	-	-	-
Total 2019 Project Costs	\$ 2,293,110	\$ 389,000	-	\$ 2,689,670	\$ 1,001,000	\$ 300,000	-	\$ 500,000	-
Ending Balance	\$ (500,000)	\$ 695,730	\$ 8,796,820	\$ -	\$ 1,354,070	\$ 1,944,310	\$ 9,281,610	\$ 1,453,350	\$ 911,270

Gen. Govt. CEF	Fire CEF	Police CEF	Library CEF	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
2,738,050	6,142,390	5,259,750	905,040	251,650	2,877,400	1,609,710	4,783,541	-	41,493,351
203,200	168,880	115,110	104,710	84,340	500,000	52,870	1,640,320	-	7,943,450
117,740	264,120	226,170	38,920	10,820	123,730	59,560	176,990	-	1,562,050
-	-	-	-	-	-	-	-	-	1,740,880
-	-	-	-	-	-	-	-	-	2,611,330
-	-	-	-	-	(224,660)	-	(287,290)	-	(511,950)
-	-	-	-	-	-	-	(246,050)	-	(246,050)
\$ 3,058,990	\$ 6,575,390	\$ 5,601,030	\$ 1,048,670	\$ 346,810	\$ 3,276,470	\$ 1,722,140	\$ 6,067,511	-	\$ 54,593,061
-	-	-	-	-	-	-	-	-	420,000
-	-	-	-	-	-	-	-	-	80,000
-	-	-	-	-	-	-	-	-	1,300,000
-	-	-	-	-	-	-	-	-	4,352,210
-	-	-	-	-	-	-	-	-	\$ 6,152,210
\$ 3,058,990	\$ 6,575,390	\$ 5,601,030	\$ 1,048,670	\$ 346,810	\$ 3,276,470	\$ 1,722,140	\$ 6,067,511	-	\$ 48,440,851
Gen. Govt. CEF	Fire CEF	Police CEF	Library	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
3,058,990	6,575,390	5,601,030	1,048,670	346,810	3,276,470	1,722,140	6,067,511	-	48,440,851
209,300	173,950	118,560	106,800	86,030	500,000	52,930	-	-	6,480,130
140,710	302,470	257,650	48,240	15,950	150,720	79,220	279,110	-	1,924,830
-	-	-	-	-	-	-	-	-	1,793,110
-	-	-	-	-	-	-	-	-	2,689,670
-	-	-	-	-	(228,960)	-	(297,450)	-	(526,410)
-	-	-	-	-	-	-	-	-	-
\$ 3,409,000	\$ 7,051,810	\$ 5,977,240	\$ 1,203,710	\$ 448,790	\$ 3,698,230	\$ 1,854,290	\$ 6,049,171	-	\$ 60,802,181
-	-	-	-	-	-	-	-	-	420,000
-	-	-	-	-	-	-	-	-	80,000
-	-	-	-	-	-	-	-	-	300,000
-	-	-	-	-	-	-	-	-	500,000
-	-	-	-	-	-	-	-	-	1,390,000
-	-	-	-	-	-	-	-	-	4,482,780
-	-	-	-	-	-	-	-	-	\$ 7,172,780
\$ 3,409,000	\$ 7,051,810	\$ 5,977,240	\$ 1,203,710	\$ 448,790	\$ 3,698,230	\$ 1,854,290	\$ 6,049,171	-	\$ 53,629,401

2020 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Capital Projects	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	(500,000)	695,730	8,796,820	-	1,354,070	1,944,310	9,281,610	1,453,350	911,270
Current Year	500,000	-	2,900,830	-	979,490	539,540	264,090	130,230	83,100
Interest on Beginning Balance	-	-	-	-	63,640	91,380	436,240	68,310	42,830
HUTF Revenue Allocated to Street Maintenance	1,846,890	-	-	-	-	-	-	-	-
Transportation Fee	-	-	-	2,770,330	-	-	-	-	-
Other Revenue less Operating Expense	-	-	-	-	-	-	-	-	-
Funding for Operating and Maintenance Reserve	-	-	-	-	-	-	-	-	-
Total Resources	\$ 1,846,890	\$ 695,730	\$ 11,697,650	\$ 2,770,330	\$ 2,397,200	\$ 2,575,230	\$ 9,981,940	\$ 1,651,890	\$ 1,037,200

Project Requests 2020

Facility Maintenance Capital (Building Maintenance Projects)	275,000	-	-	-	-	-	-	-	-
Facility Maintenance Capital (Roof Replacement Program)	225,000	-	-	-	-	-	-	-	-
Transportation Program	-	373,000	-	-	1,101,000	-	-	-	-
Fairgrounds Park Phase II	-	-	-	-	-	2,250,000	450,000	-	-
Street Maintenance	1,846,890	-	-	2,770,330	-	-	-	-	-
Total 2020 Project Costs	\$ 2,346,890	\$ 373,000	-	\$ 2,770,330	\$ 1,101,000	\$ 2,250,000	\$ 450,000	-	-
Ending Balance	\$ (500,000)	\$ 322,730	\$ 11,697,650	-	\$ 1,296,200	\$ 325,230	\$ 9,531,940	\$ 1,651,890	\$ 1,037,200

2021 Revenue Sources	General Fund	GF Tabor	GF Council Reserve	Capital Projects	Street CEF	Park CEF	Recreation CEF	Open Space CEF	Trail CEF
Fund Balance	(500,000)	322,730	11,697,650	-	1,296,200	325,230	9,531,940	1,651,890	1,037,200
Current Year	1,265,070	-	2,990,780	-	1,008,870	550,330	269,370	84,760	132,830
Interest on Beginning Balance	-	-	-	-	62,220	15,610	457,530	79,290	49,790
HUTF Revenue Allocated to Street Maintenance	1,902,300	-	-	-	-	-	-	-	-
Transportation Fee	-	-	-	2,853,440	-	-	-	-	-
Other Revenue less Operating Expense	-	-	-	-	-	-	-	-	-
Funding for Operating and Maintenance Reserve	-	-	-	-	-	-	-	-	-
Total Resources	\$ 2,667,370	\$ 322,730	\$ 14,688,430	\$ 2,853,440	\$ 2,367,290	\$ 891,170	\$ 10,258,840	\$ 1,815,940	\$ 1,219,820

Project Requests 2021

Facility Maintenance Capital (Building Maintenance Projects)	500,000	-	-	-	-	-	-	-	-
Transportation Program	90,070	322,730	-	-	1,246,200	-	-	-	-
Cold Planer Replacement	675,000	-	-	-	-	-	-	-	-
Street Maintenance	1,902,300	-	-	2,853,440	-	-	-	-	-
Total 2021 Project Costs	\$ 3,167,370	\$ 322,730	-	\$ 2,853,440	\$ 1,246,200	-	-	-	-
Ending Balance	\$ (500,000)	-	\$ 14,688,430	-	\$ 1,121,090	\$ 891,170	\$ 10,258,840	\$ 1,815,940	\$ 1,219,820

Total All Years Project Costs **\$ 27,069,620** **\$ 4,159,910** **\$ 6,100,000** **\$24,801,130** **\$ 9,887,950** **\$ 10,318,000** **\$ 1,500,000** **\$ 1,450,000** **\$ 839,690**

Gen. Govt. CEF	Fire CEF	Police CEF	Library	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
3,409,000	7,051,810	5,977,240	1,203,710	448,790	3,698,230	1,854,290	6,049,171	-	53,629,401
215,580	179,170	122,120	108,940	87,750	500,000	52,930	-	-	6,663,770
160,220	331,440	280,930	56,570	21,090	173,820	87,150	284,310	-	2,097,930
-	-	-	-	-	-	-	-	-	1,846,890
-	-	-	-	-	-	-	-	-	2,770,330
-	-	-	-	-	(236,970)	-	(307,860)	-	(544,830)
-	-	-	-	-	-	-	-	-	-
\$ 3,784,800	\$ 7,562,420	\$ 6,380,290	\$ 1,369,220	\$ 557,630	\$ 4,135,080	\$ 1,994,370	\$ 6,025,621	-	\$ 66,463,491
-	-	-	-	-	-	-	-	-	275,000
-	-	-	-	-	-	-	-	-	225,000
-	-	-	-	-	-	-	-	-	1,474,000
-	-	-	-	-	-	-	-	-	2,700,000
-	-	-	-	-	-	-	-	-	4,617,220
-	-	-	-	-	-	-	-	-	\$ 9,291,220
\$ 3,784,800	\$ 7,562,420	\$ 6,380,290	\$ 1,369,220	\$ 557,630	\$ 4,135,080	\$ 1,994,370	\$ 6,025,621	-	\$ 57,172,271
Gen. Govt. CEF	Fire CEF	Police CEF	Library	CS CEF	Conservation Trust Fund	Park Improvement	Open Lands Tax	Outside Revenue	Total
3,784,800	7,562,420	6,380,290	1,369,220	557,630	4,135,080	1,994,370	6,025,621	-	57,172,271
184,550	125,780	111,120	89,510	222,050	500,000	52,930	-	-	7,587,950
181,670	363,000	306,250	65,720	26,770	198,480	95,730	289,230	-	2,191,290
-	-	-	-	-	-	-	-	-	1,902,300
-	-	-	-	-	-	-	-	-	2,853,440
-	-	-	-	-	(245,260)	-	(318,640)	-	(563,900)
-	-	-	-	-	-	-	-	-	-
\$ 4,151,020	\$ 8,051,200	\$ 6,797,660	\$ 1,524,450	\$ 806,450	\$ 4,588,300	\$ 2,143,030	\$ 5,996,211	-	\$ 71,143,351
-	-	-	-	-	-	-	-	-	500,000
-	-	-	-	-	-	-	-	-	1,659,000
-	-	-	-	-	-	-	-	-	675,000
-	-	-	-	-	-	-	-	-	4,755,740
-	-	-	-	-	-	-	-	-	\$ 7,589,740
\$ 4,151,020	\$ 8,051,200	\$ 6,797,660	\$ 1,524,450	\$ 806,450	\$ 4,588,300	\$ 2,143,030	\$ 5,996,211	-	\$ 63,553,611
\$ 4,618,830	\$ 3,668,350	-	-	\$ 2,347,900	\$ 3,967,020	\$ 1,579,000	\$ 8,800,000	\$ 13,215,610	\$ 124,323,010

**Power Enterprise
2012-2020 Capital Program**

	2012	2013	2014	2015	2016	Five Year Total
Revenue						
Beginning Balance	14,123,428	13,348,118	14,579,408	15,086,588	12,509,512	14,123,428
Fee Revenue	3,634,500	3,979,260	3,419,750	3,403,464	3,542,157	17,979,131
PIF Revenue	1,700,000	1,759,500	1,821,080	1,884,820	1,950,790	9,116,190
Total Revenue	19,457,928	19,086,878	19,820,238	20,374,872	18,002,459	41,218,749
Expense						
System Improvements	946,860	1,090,170	1,486,360	1,523,940	1,560,530	6,607,860
Hydro Generation	448,490	629,530	52,690	25,730	13,170	1,169,610
Customer Aide To Construction	646,890	663,580	680,590	697,800	714,550	3,403,410
Miscellaneous Feeder Extensions	147,800	228,550	1,049,780	402,140	1,599,230	3,427,500
Partnering With Power	98,240	100,770	103,360	105,970	108,910	517,250
200 Amp Projects	88,510	90,790	93,120	95,470	97,770	465,660
Substation Security	-	205,160	210,420	215,740	220,920	852,240
Sub-to Sub ties	2,693,550	-	-	-	-	2,693,550
Miscellaneous Substation Projects	-	512,900	526,050	1,618,050	-	2,657,000
Misc. Electric Relocations - Road Related Projects	193,760	198,760	203,850	209,010	214,020	1,019,400
Taft Avenue Part 2	-	-	-	555,530	-	555,530
Streetlight Projects	239,710	245,900	252,200	258,580	264,790	1,261,180
Highway 402 Feeder Extension	-	-	-	2,157,400	3,313,800	5,471,200
Misc. General Plant Projects	606,000	541,360	75,230	-	66,280	1,288,870
Total Expense	6,109,810	4,507,470	4,733,650	7,865,360	8,173,970	31,390,260
Reserve for Capital Projects	13,348,118	14,579,408	15,086,588	12,509,512	9,828,489	9,828,489

**Raw Water Enterprise
2012-2021 Capital Program**

	2012	2013	2014	2015	2016	Five Year Total
Revenue						
Beginning Balance	20,415,520	21,208,610	22,431,820	2,868,130	22,431,820	20,415,520
Fee Revenue	1,613,200	1,805,920	1,602,490	1,435,070	1,674,320	8,131,000
Total Revenue	22,028,720	23,014,530	24,034,310	4,303,200	24,106,140	28,546,520
Expense						
Court Cases	111,540	205,160	-	-	72,300	389,000
Windy Gap Firming Project	608,570	277,550	21,066,180	-	-	21,952,300
Colorado Big Thompson Water Purchases	100,000	100,000	100,000	500,000	500,000	1,300,000
Trade Water Rights- 402 Corridor	-	-	-	-	-	-
Water Right Purchase	-	-	-	-	-	-
Total Expense	820,110	582,710	21,166,180	500,000	572,300	23,641,300
Reserve for Capital Projects	21,208,610	22,431,820	2,868,130	3,803,200	23,533,840	4,905,220

2017	2018	2019	2020	2021	Ten Year Total	Project Page #
9,828,489	9,828,489	10,118,806	10,705,223	10,462,167	14,123,428	
3,739,487	3,825,524	3,910,231	3,994,075	4,130,371	37,578,819	
2,019,070	2,089,740	2,162,880	2,238,580	2,316,930	19,943,390	
15,587,046	15,743,753	16,191,917	16,937,878	16,909,468	71,645,637	
1,596,000	1,630,590	1,664,220	1,697,140	1,729,210	14,925,020	22-66
-	-	-	-	290,700	1,460,310	22-65
730,790	746,630	762,030	777,100	791,790	7,211,750	22-67
534,120	1,728,750	584,700	1,859,370	701,100	8,835,540	22-68
110,970	113,380	115,720	118,010	120,240	1,095,570	22-69
99,990	102,160	104,260	106,330	108,330	986,730	22-70
-	-	-	-	-	852,240	22-71
-	-	-	-	-	2,693,550	22-72
1,694,550	-	1,767,000	-	1,836,000	7,954,550	22-73
218,890	223,630	228,250	232,760	237,160	2,160,090	22-74
-	-	-	-	-	555,530	22-75
270,810	276,670	282,380	287,970	293,410	2,672,420	22-76
-	-	-	-	-	5,471,200	22-77
212,120	216,720	221,190	225,560	229,820	2,394,280	22-78
5,468,240	5,038,530	5,729,750	5,304,240	6,337,760	59,268,780	
10,118,806	10,705,223	10,462,167	11,633,638	10,571,708	12,376,857	

2017	2018	2019	2020	2021	Ten Year Total	Project Page #
3,803,200	5,251,460	7,028,920	8,621,180	11,097,490	20,415,520	
1,948,260	2,277,460	3,252,920	2,976,310	3,376,460	21,962,410	
5,751,460	7,528,920	10,281,840	11,597,490	14,473,950	42,377,930	
-	-	-	-	-	389,000	22-79
-	-	-	-	-	21,952,300	22-80
500,000	500,000	500,000	500,000	500,000	3,800,000	22-81
-	-	636,140	-	-	636,140	22-82
-	-	524,520	-	-	524,520	22-83
500,000	500,000	1,660,660	500,000	500,000	27,301,960	
5,251,460	7,028,920	8,621,180	11,097,490	13,973,950	15,075,970	

**Storm Water Enterprise
2012-2021 Capital Program**

	2012	2013	2014	2015	2016	Five Year Total
Revenue						
Beginning Balance	2,437,946	2,372,896	2,815,196	2,181,556	2,137,256	2,437,946
Rate Revenue	1,565,000	1,945,000	1,340,800	407,000	738,400	5,996,200
SIF Revenue	434,950	442,300	466,360	455,700	464,440	2,263,750
Total Revenue	4,437,896	4,760,196	4,622,356	3,044,256	3,340,096	10,697,896
Expense						
Boyd Lake Outlet Ditch Improve.	-	75,000	-	250,000	500,000	825,000
South Loveland Outfall Phase III	-	-	-	-	-	-
Washington Ave. Outfall Phase IV	750,000	-	-	-	-	750,000
29th & Monroe Outfall	-	1,080,000	-	-	-	1,080,000
7th Street & Madison Ave. Outfall	300,000	-	-	-	-	300,000
Madison Avenue Outfall	-	-	500,000	-	-	500,000
Service Center Phase III Lon Hagler Basin Improvements	-	-	-	-	-	-
Maintenance Projects	250,000	250,000	250,000	250,000	250,000	1,250,000
MeHaffey Park Regional Detention Pond	500,000	-	-	-	-	500,000
Airport Basin Master Plan Improvements	-	-	1,100,000	-	-	1,100,000
Equipment Replacement	265,000	540,000	590,800	407,000	488,400	2,291,200
Total Expense	2,065,000	1,945,000	2,440,800	907,000	1,238,400	8,596,200
Reserve for Capital Projects	2,372,896	2,815,196	2,181,556	2,137,256	2,101,696	2,101,696

2017	2018	2019	2020	2021	Ten Year Total	Project Page #
2,101,696	2,075,416	2,058,986	1,464,986	1,450,926	2,437,946	
315,000	808,200	2,551,700	700,750	3,122,250	19,490,300	
473,720	483,570	494,000	485,940	497,000	6,961,730	
2,890,416	3,367,186	5,104,686	2,651,676	5,070,176	28,889,976	
250,000	-	-	-	-	1,075,000	22-54
-	132,200	1,692,200	243,750	3,120,250	5,188,400	22-46
-	-	-	-	-	750,000	22-48
-	-	-	-	-	1,080,000	22-45
-	-	-	-	-	300,000	22-47
-	-	-	-	-	500,000	22-49
-	50,000	500,000		-	550,000	22-50
250,000	250,000	250,000	250,000	250,000	2,500,000	22-51
-	-	-	-	-	500,000	22-52
-	-	-	-	-	1,100,000	22-53
315,000	876,000	1,197,500	707,000	252,000	5,638,700	22-55
815,000	1,308,200	3,639,700	1,200,750	3,622,250	19,182,100	
2,075,416	2,058,986	1,464,986	1,450,926	1,447,926	9,707,876	

**Wastewater Enterprise
2012-2021 Capital Program**

	2012	2013	2014	2015	2016	Five Year Total
Revenue						
Beginning Balance	6,507,490	7,945,700	9,382,620	11,281,049	9,564,149	6,507,490
Fee Revenue	1,458,620	1,210,090	2,339,989	1,958,810	2,045,280	9,012,789
PIF Revenue	829,440	951,600	1,067,420	1,227,450	1,401,000	5,476,910
Total Revenue	8,795,550	10,107,390	12,790,029	14,467,309	13,010,429	20,997,189
Expense						
Misc. Treatment Plant Projects	387,200	121,820	-	-	-	509,020
New Laboratory Building	-	-	-	-	-	-
WWTP Treatment Plant Projects	67,740	-	423,040	2,005,620	3,231,320	5,727,720
Collection Projects	175,290	179,820	184,430	71,190	72,910	683,640
Extension and Oversizing Projects	50,000	51,290	52,600	53,930	55,230	263,050
Rehabilitation Projects	161,620	347,330	545,600	-	-	1,054,550
Hwy 402 Sewer Line	-	-	288,580	2,628,970	-	2,917,550
Lift Station Upgrades	-	-	-	-	-	-
Boyd Sewer Line	-	-	-	127,540	1,319,330	1,446,870
General Plant Projects	8,000	24,510	14,730	15,910	20,310	83,460
Total Expense	849,850	724,770	1,508,980	4,903,160	4,699,100	12,685,860
Reserve for Capital Projects	7,945,700	9,382,620	11,281,049	9,564,149	8,311,329	8,311,329

**Water Enterprise
2012-2021 Capital Program**

	2012	2013	2014	2015	2016	Five Year Total
Revenue						
Beginning Balance	9,291,840	9,811,510	9,623,870	8,416,430	3,595,090	9,291,840
Fee Revenue	1,236,750	2,064,850	2,709,090	1,238,580	1,422,800	8,672,070
PIF Revenue	1,418,430	844,620	947,660	1,032,380	1,018,890	5,261,980
Total Revenue	11,947,020	12,720,980	13,280,620	10,687,390	6,036,780	23,225,890
Expense						
Water Treatment Plant Projects	156,620	-	562,780	638,490	1,036,560	2,394,450
Filter Plant Projects	663,600	809,930	830,670	3,664,100	3,121,350	9,089,650
Solids Handling	-	560,020	-	-	-	560,020
Transmission & Dist. Projects	97,100	99,600	102,150	169,030	107,250	575,130
Water Line Replacements	16,500	961,010	695,650	260,390	647,620	2,581,170
Extension and Oversizing Projects	50,000	216,310	395,880	53,930	55,230	771,350
Pump Station Projects	-	-	-	-	-	-
Morning Dr. Alt. 30" Water Line	1,276,310	-	-	-	-	1,276,310
Tank Projects	-	428,330	2,825,110	2,896,580	-	6,150,020
East Gravity Zone Discharge	-	-	-	-	-	-
General Plant Projects	32,000	21,910	14,730	48,270	32,280	149,190
Total Expense	2,135,510	3,097,110	4,864,190	7,092,300	3,963,730	21,152,840
Reserve for Capital Projects	9,811,510	9,623,870	8,416,430	3,595,090	2,073,050	2,073,050

2017	2018	2019	2020	2021	Ten Year Total	Project Page #
8,311,329	3,676,909	861,078	7,157,388	7,394,868	6,507,490	
2,096,690	3,683,669	6,207,270	2,221,010	5,629,875	28,851,303	
1,725,740	2,137,090	2,707,510	3,506,890	3,567,260	19,121,400	
12,133,759	9,497,668	9,775,858	12,885,288	16,592,003	54,480,193	
40,320	327,560	-	456,150	-	1,333,050	22-84
-	-	-	240,830	2,402,960	2,643,790	22-85
8,071,260	5,871,710	911,650	2,621,430	-	23,203,770	22-86-92
74,560	76,170	77,750	79,280	371,070	1,362,470	22-93
56,490	57,710	58,900	60,060	61,200	557,410	22-94
-	-	610,870	622,940	634,720	2,923,080	22-95-97
-	-	-	-	-	2,917,550	22-98
-	159,950	801,910	-	-	961,860	22-99
193,450	2,122,270	135,740	1,387,650	-	5,285,980	22-100
20,770	21,220	21,650	22,080	22,500	191,680	22-101
8,456,850	8,636,590	2,618,470	5,490,420	3,492,450	41,380,640	
3,676,909	861,078	7,157,388	7,394,868	13,099,553	13,099,553	

2017	2018	2019	2020	2021	Ten Year Total	Project Page #
2,073,050	3,323,280	2,470,550	5,782,690	1,295,390	9,291,840	
2,353,300	3,700,780	3,804,990	3,480,300	161,170	22,172,610	
1,274,330	1,646,340	2,120,690	2,764,650	3,617,140	16,685,130	
5,700,680	8,670,400	8,396,230	12,027,640	5,073,700	48,149,580	
920,280	5,014,940	4,640,320	-	852,910	13,822,900	22-102,22-105-108
-	-	-	-	541,500	9,631,150	22-103
-	-	306,150	3,433,950	-	4,300,120	22-104
459,210	112,060	114,390	116,650	118,840	1,496,280	22-109
1,402,260	-	1,593,690	2,716,130	-	8,293,250	22-110
159,430	408,840	58,900	60,060	835,940	2,294,520	22-111
-	-	216,030	1,010,520	-	1,226,550	22-113
-	-	289,950	3,197,960	-	4,764,220	22-112
323,480	5,645,220	-	-	-	12,118,720	22-114
-	-	-	161,870	507,360	669,230	22-115
33,020	33,730	34,430	35,110	35,770	321,250	22-116
2,377,400	6,199,850	2,613,540	10,732,250	2,039,410	45,115,290	
3,323,280	2,470,550	5,782,690	1,295,390	3,034,290	3,034,290	

Museum Expansion

Department:
Cultural Services / Public Works

Division:
Museum

Project Manager:
Ken Cooper

Phone Number:
970.962.2635

Email:
coopek@ci.loveland.co.us

Project Category:
TBD

Project Number:
TBD

Duration:
2013 - 2014

Total Project Cost:
\$15,520,960

About the Project

In May 2007, the Home State Bank property was purchased as a site for future expansion of the Loveland Museum/Gallery. Before expansion, the existing building will be used to address the pressing need for space for Museum programming (especially children's classes) and for storage of the historical collection. The building will be razed when the expansion project begins.

Museum and Facilities staff are presently working together on assessing exhibit, programming, and collection storage needs and space allocation. While much planning and public input still remains (especially with the Cultural Services Board and general public), suggestions have been received from citizens and some other City departments, such as Police and Fire. Interest has also been expressed in a children's "museum" component and the possibility of a mixed-use private/public partnership development.

The purchase of the Home State Bank property allows the City to continue its plans to eventually double the size of the Museum by completing a 26,000 square foot expansion in 2014. The figures below assume:

- 10% for design/architecture/ engineering
- 65% for construction
- 7% for furniture/fixtures/equipment
- 5% for permits/fees
- 13% for contingency



Funding Sources

Revenue	Gen. Gov. CEF	Cult. Svc. CEF	Outside Revenue	Total
2013	\$58,000	\$2,270,140	\$0	\$2,328,140
2014	\$3,115,060	\$77,760	\$10,000,000	\$13,192,819
Total	\$3,173,060	\$2,347,900	\$10,000,000	\$15,520,959

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2013	\$2,328,140	\$0	\$2,328,140
2014	\$0	\$13,192,820	\$13,192,820
Total	\$2,328,140	\$13,192,820	\$15,520,960

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	FTEs
2015	\$217,000	\$80,000	\$204,820	
Total	\$217,000	\$80,000	\$204,820	

Fire Apparatus Replacement

Department:
Fire & Rescue

Division:
Suppression

Project Manager:
Ned Sparks

Phone Number:
970.962.2488

Email:
sparkn@ci.loveland.co.us

Project Category:
TBD

Project Number:
TBD

Duration:
2012 – 2016

Total Project Cost:
\$3,250,000

About the Project

Replacement of existing fire apparatus. As part of the new fleet program, upon replacement, the apparatus will be placed in the Fleet Fund and the future cost of replacement amortized over the life of the apparatus.

The replacements are as follows:

2012 – American LaFrance – Engine E2

2014 – Smeal Ladder Truck – Engine T5

2015 – 1995 General Telesquirt

2016 – Smeal Engine



Fireman Sculpture

Funding Sources

Revenue	General Fund	Total
2012	\$515,000	\$515,000
2013	\$0	\$0
2014	\$1,200,000	\$1,200,000
2015	\$475,000	\$475,000
2016	\$530,000	\$530,000
Total	\$2,720,000	\$2,720,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2012	\$0	\$515,000	\$515,000
2013	\$0	\$0	\$0
2014	\$0	\$1,200,000	\$1,200,000
2015	\$0	\$475,000	\$475,000
2016	\$0	\$1,060,000	\$1,060,000
Total	\$0	\$3,250,000	\$3,250,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Total	FTEs
2013	\$0	\$0	\$144,250	\$144,250	
Total	\$0	\$0	\$144,250	\$144,250	

Remodel and Expansion of Fire Station 6

Department:
Fire & Rescue

Division:
Suppression

Project Manager:
Ned Sparks

Phone Number:
970.962.2488

Email:
sparkn@ci.loveland.co.us

Project Category:
TBD

Project Number:
TBD

Duration:
2012

**Total Project
Cost:
\$767,350**

About the Project

Service demand in the eastern part of the City will require the addition of an engine company to Station 6 by relocating the company at Station 4 (Airport). Airport service will be provided by Station 6 on an on-call basis, depending on scheduled landings and takeoffs. The project will expand the station to add 2,350 square feet to provide space for the additional crews.

Funding Sources

Revenue	Fire CEF	Total
2012	\$767,350	\$767,350
Total	\$767,350	\$767,350

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2012	\$0	\$767,350	\$767,350
Total	\$0	\$767,350	\$767,350

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Total	FTEs
2013	\$1,028,560	\$0	\$0	\$1,028,560	12.0
Total	\$1,028,560	\$0	\$0	\$1,028,560	12.0

The operating impact includes 6 firefighter positions, 3 Fire Engineers and 3 Lieutenants to fully staff two companies. Also included are the costs of increasing the number of part-time firefighters from 10 to 12, and the addition of an administrative position.

Construction of a New Fire Station 2 and Apparatus For North West Coverage

Department:
Fire & Rescue

Division:
Suppression

Project Manager:
Ned Sparks

Phone Number:
970.962.2488

Email:
sparkn@ci.loveland.co.us

Project Category:
TBD

Project Number:
TBD

Duration:
2013

**Total Project
Cost:
\$2,901,000**

About the Project

In 2013, the Department is looking at a new station in the northwest part of the city. The placement of the station using the current station location program places a majority of the station's service area covering open space or mutual/auto aid districts. The option best serving the community would be to move Station 2 from Taft Avenue to Wilson Avenue and 29th Street and place a second engine company in Station 2 to increase the coverage to meet a growing service need. This second engine company would also be able to cover Stations 3 and 5 when openings in the system occur. The costs listed include 10 firefighters and one new engine. Total costs include personnel and equipment – new firefighters \$986,000, and \$500,000 for apparatus.



Fire Engine

Funding Sources

Revenue	Fire CEF	Total
2013	\$2,901,000	\$2,901,000
Total	\$2,901,000	\$2,901,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2013	\$0	\$2,901,000	\$2,901,000
Total	\$0	\$2,901,000	\$2,901,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Total	FTEs
2014	\$941,000	\$0	\$45,000	\$986,000	10
Total	\$941,000	\$0	\$0	\$986,000	10

MeHaffey Park Development

Department:
Parks & Recreation

Division:
Parks

Project Manager:
Janet Meisel-Burns

Phone Number:
970.962.2451

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

Project Category:
Construction

Project Number:
PK0802

Duration:
Phase I: 1997-2001
Phase II: 2011-2012

**Total Project
Cost:
\$10,033,000**

About the Project

Design and development of part of a 60-acre community park west of Wilson Avenue and north of West 22nd Street. The park will include an arboretum, a recreation trail and a regional storm water detention pond. The park may also include multi-purpose sports fields, picnic shelters, playgrounds, hard surface courts, restrooms, and site amenities. The park will only be partially developed (about 35 acres).



Funding Sources

Revenue	Park CEF	Rec CEF	Cons. Trust Fund	Park Improvement	Total
Prior	\$1,483,000	\$0	\$0	\$0	\$1,483,000
2012	\$5,800,000	\$250,000	\$2,000,000	\$500,000	\$8,550,000
Total	\$7,283,000	\$250,000	\$2,000,000	\$500,000	\$10,033,000

Project Cost Estimates By Year

Elements	Land	Planning	Construction	Total
Prior	\$843,000	\$640,000	\$0	\$1,483,000
2012	\$0	\$0	\$8,550,000	\$8,550,000
Total	\$843,000	\$640,000	\$8,550,000	\$10,033,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Total	FTEs
2013	\$0	\$0	\$0	\$0	0
Total	\$0	\$0	\$0	\$0	

Open Land Acquisition & Restoration

Department:
Parks & Recreation

Division:
Open Lands

Project Manager:
Brian Hayes

Phone Number:
970.962.2726

Email:
hayesb@ci.loveland.co.us

Project Category:
Land

Project Number:
Annual Program

Duration:
2012-2019

**Total Project
Cost:
\$10,250,000**

About the Project

Acquisition of properties to conserve natural sites, wildlife habitat and open land in and around Loveland, funded with a Larimer County Open Space Tax that ends in 2018. Priorities are indicated in the Open Lands Master Plan. The number one priority for acquisition is properties along the Big Thompson River. Restoration and development priorities are for public access and habitat improvement.



Big Thompson River

Funding Sources

Revenue	Open Space CEF	Open Space Sales Tax	Total
2012	\$0	\$2,850,000	\$2,850,000
2013	\$450,000	\$1,350,000	\$1,800,000
2014	\$0	\$1,650,000	\$1,650,000
2015	\$0	\$1,650,000	\$1,650,000
2016	\$500,000	\$1,350,000	\$1,850,000
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$500,000	\$0	\$500,000
Total	\$1,450,000	\$8,850,000	\$10,250,000

Project Cost Estimates By Year

Elements	Land	Planning	Construction	Total
2012	\$2,650,000	\$0	\$200,000	\$2,850,000
2013	\$1,600,000	\$0	\$200,000	\$1,800,000
2014	\$1,150,000	\$0	\$500,000	\$1,650,000
2015	\$1,150,000	\$0	\$500,000	\$1,650,000
2016	\$1,650,000	\$0	\$200,000	\$1,850,000
2017	\$0	\$0	\$0	\$0
2018	\$0	\$0	\$0	\$0
2019	\$500,000	\$0	\$0	\$500,000
Total	\$15,983,000	\$0	\$1,600,000	\$10,250,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Fixed Costs	Total	FTEs
2019*						
Total						

*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:
2010-2016

**Total Project
Cost:
\$5,762,207**

About the Project

Complete the remaining 6 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.



Portion of the Trail System

Funding Sources

Revenue	Conservation Trust	Trail CEF	Total
Prior	\$2,567,402	\$388,095	\$2,955,497
2012	\$0	\$164,460	\$164,460
2013	\$613,280	\$200,000	\$813,280
2014	\$405,100	\$0	\$405,100
2015	\$331,730	\$475,230	\$806,960
2016	\$616,910	\$0	\$616,910
Total	\$4,534,422	\$1,227,785	\$5,762,207

Project Cost Estimates By Year

Elements	Land	Planning	Construction	Equipment	Total
Prior	\$0	\$0	\$2,955,497	\$0	\$2,955,497
2012	\$0	\$0	\$164,460	\$0	\$164,460
2013	\$0	\$0	\$813,280	\$0	\$813,280
2014	\$0	\$0	\$405,100	\$0	\$405,100
2015	\$0	\$0	\$331,730	\$0	\$331,730
2016	\$0	\$0	\$616,910	\$0	\$616,910
Total	\$0	\$0	\$5,762,207	\$0	\$5,762,207

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Fixed Costs	Total	FTEs
2018*						
Total						

*No additional operating funding requested at this time.

Fairgrounds Park Expansion

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:
2019-2020

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

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, site amenities and infrastructure.



Ballfield at Fairgrounds Park

Funding Sources

Revenue	Park CEF	Rec CEF	Total
2019	\$300,000	\$0	\$300,000
2020	\$2,250,000	\$450,000	\$2,700,000
Total	\$2,550,000	\$450,000	\$3,000,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2019	\$300,000	\$0	\$300,000
2020	\$0	\$2,700,000	\$2,700,000
Total	\$300,000	\$2,700,000	\$3,000,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Fixed Costs	Total	FTEs
2021	\$46,820	\$8,030	\$7,360	\$4,680	\$66,890	0.77
Total	\$46,820	\$8,030	\$7,360	\$4,680	\$66,890	

An additional \$12,000 in new revenues is anticipated from site reservations and additional tournaments and league play.

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:
2014 - 2015

**Total Project
Cost:
\$2,350,000**

About the Project

Phase II development of the east side (30 acres) of the Loveland Sports Park to include additional multi-purpose sports fields, a restroom / shelter building, parking areas, and site amenities.

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



Spray Park @ Youth Sports Park

Funding Sources

Revenue	Park CEF	Rec CEF	Total
2014	\$150,000	\$0	\$150,000
2015	\$1,400,000	\$800,000	\$2,200,000
Total	\$1,550,000	\$800,000	\$2,350,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2014	\$150,000	\$0	\$150,000
2015	\$0	\$2,200,000	\$2,200,000
Total	\$150,000	\$2,200,000	\$2,350,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Total	FTEs
2016	\$98,510	\$14,830	\$10,240	\$123,580	1.53
Total	\$98,510	\$14,830	\$10,240	\$123,580	

An addition \$21,000 in new revenue is anticipated from field rentals and special events.

Neighborhood Park Renovations Projects

Department:
Parks & Recreation

Division:
Park

Project Manager:
Gary Havener

Phone Number:
970.962.2456

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

Project Category:
Construction

Project Number:
Annual Program

Duration:
2014

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

About the Project

Renovation of neighborhood parks to improve safety and address use issues.



Funding Sources

Revenue	Park Improvement Fund	Total
2014	\$500,000	\$500,000
Total	\$500,000	\$500,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2014	\$0	\$500,000	\$500,000
Total	\$0	\$500,000	\$500,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Fixed Costs	Total	FTEs
2015*						
Total						

*Operations Impact Negligible- Any additional cost to be absorbed into existing operational budget

Junior Achievement Park Renovation

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:
2016

Total Project Cost:
\$750,000

About the Project

Minor expansion of and renovation to existing 1.76 acre neighborhood park. Scope of renovation may include expansion of park site, including irrigation system renovation and replacement of existing hard court surface and playground.



Funding Sources

Revenue	Parks CEF	Park Improvement Fund	Total
2016	\$250,000	\$500,000	\$750,000
Total	\$250,000	\$500,000	\$750,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2016	\$75,000	\$675,000	\$750,000
Total	\$75,000	\$675,000	\$750,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Fixed Costs	Total	FTEs
2017*						
Total						

*Operations Impact Negligible- Any additional cost to be absorbed into existing operational budget

North Lake Park Tennis Courts

Department:
Parks & Recreation

Division:
Recreation

Project Manager:
Keven Aggers

Phone Number:
970.962.2449

Email:
aggerk@ci.loveland.co.us

Project Category:
Construction

Project Number:
TBD

Duration:
2013

**Total Project
Cost:
\$168,000**

About the Project

The addition of 3 tennis courts at North Lake Park to accommodate increasing demand for tennis facilities. Assumes matching funding from City and Thompson School District R2-J.



Funding Sources

Revenue	Park CEF	Total
2013	\$168,000	\$168,000
Total	\$168,000	\$168,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2013	\$0	\$168,000	\$168,000
Total	\$0	\$168,000	\$168,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Fixed Costs	Total	FTEs
2014	\$1,500	\$1,500	\$0	\$0	\$3,000	
Total	\$1,500	\$1,500	\$0	\$0	\$3,000	

Annual maintenance cost of \$1,000 @ 3 courts= \$3,000. Every 5 years, resurfacing costs of \$5,000.

Police Communication Consoles Replacement

Department:
Police Department

Division:
Communications

Project Manager:
Captain Bob Klinger

Phone Number:
970.962.2223

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

Project Category:
TBD

Project Number:
TBD

Duration:
2011-2012

**Total Project
Cost:
\$1,288,280**

About the Project

The communication consoles are becoming obsolete and maintenance is no longer cost effective. Funding has been reserved to replace the consoles.

Funding Sources

Revenue	General Fund	Police CEF	Total
Prior	\$704,280	\$300,000	\$1,004,280
2012	\$284,000	\$0	\$284,000
Total	\$988,280	\$300,00	\$1,288,280

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$1,004,280	\$1,004,280
2012	\$0	\$284,000	\$284,000
Total	\$0	\$1,288,280	\$1,288,280

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Fixed Costs	FTEs
2013*					
Total					

*Information not available.

Street Rehabilitation

Department:
Public Works

Division:
Project Engineering

Project Manager:
Dave DeBaere

Phone Number:
970.962.2510

Email:
debaed@ci.loveland.co.us

Project Category:
Annual Program

Project Number:
ENSR09

Duration:
2012-2021

**Total Project
Cost:
\$41,784,180**

About the Project

The City budgets for annual street maintenance costs. Projects consist of treatment overlays, major reconstruction, and concrete 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	General Fund	Transportation Fee	Total
2012	\$1,727,650	\$1,917,250	\$3,644,900
2013	\$1,501,700	\$2,252,550	\$3,754,250
2014	\$1,546,750	\$2,320,130	\$3,866,880
2015	\$1,593,160	\$2,389,730	\$3,982,890
2016	\$1,640,950	\$2,461,430	\$4,102,380
2017	\$1,690,180	\$2,535,270	\$4,225,450
2018	\$1,740,880	\$2,661,330	\$4,352,210
2019	\$1,793,110	\$2,689,670	\$4,482,780
2020	\$1,846,890	\$2,770,330	\$4,617,220
2021	\$1,902,300	\$2,853,440	\$4,755,740
Total	\$16,205,970	\$20,892,250	\$41,784,700

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2012	\$0	\$3,644,900	\$3,644,900
2013	\$0	\$3,754,250	\$3,754,250
2014	\$0	\$3,866,880	\$3,866,880
2015	\$0	\$3,982,890	\$3,982,890
2016	\$0	\$4,102,380	\$4,102,380
2017	\$0	\$4,225,450	\$4,225,450
2018	\$0	\$4,352,210	\$4,352,210
2019	\$0	\$4,482,780	\$4,482,780
2020	\$0	\$4,617,260	\$4,617,220
2021	\$0	\$4,755,780	\$4,755,740
Total	\$0	\$41,784,780	\$41,784,700

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Fixed Costs	FTEs
2012-2021*					
Total					

*Information not available.

Downtown Infrastructure

Department:
Public Works

Division:
Project Engineering

Project Manager:
Dave Klockeman

Phone Number:
970.962.2514

Email:
klockd@ci.loveland.co.us

Project Category:
Annual Program

Project Number:
TBD

Duration:
2012- 2017

**Total Project
Cost:
\$6,100,000**

About the Project

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



Funding Sources

Revenue	General Fund Council Reserves	Total
2012	\$1,100,000	\$1,100,000
2013	\$1,000,000	\$1,000,000
2014	\$1,000,000	\$1,000,000
2015	\$1,000,000	\$1,000,000
2016	\$1,000,000	\$1,000,000
2017	\$1,000,000	\$1,000,000
Total	\$6,100,000	\$6,100,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2012	\$0	\$1,100,000	\$1,100,000
2013	\$0	\$1,000,000	\$1,000,000
2014	\$0	\$1,000,000	\$1,000,000
2015	\$0	\$1,000,000	\$1,000,000
2016	\$0	\$1,000,000	\$1,000,000
2017	\$0	\$1,000,000	\$1,000,000
Total	\$0	\$6,100,000	\$6,100,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Fixed Costs	FTEs
2019*					
Total					

*Information not available.

Facility Maintenance Capital Projects

Department:
Public Works

Division:
Facilities Management

Project Manager:
Ken Cooper

Phone Number:
970.962.2635

Email:
coopek@ci.loveland.co.us

Project Category:
Annual Program

Project Number:
TBD

Duration:
2012 - 2021

**Total Project
Cost:
\$5,100,000**

About the Project

An annual program to address major facility maintenance needs. The Program includes replacement of major building systems, roof replacement and carpet replacement. The annual funding is set at \$500,000 and projects are prioritized to remain within the allocation.

This program includes the Police & Courts Building beginning in 2015, for which shared operations and maintenance is provided through an Intergovernmental Agreement with Larimer County.



Funding Sources

Revenue	General Fund	Total
2012	\$600,000	\$600,000
2013	\$500,000	\$500,000
2014	\$500,000	\$500,000
2015	\$500,000	\$500,000
2016	\$500,000	\$500,000
2017	\$500,000	\$500,000
2018	\$500,000	\$500,000
2019	\$500,000	\$500,000
2020	\$500,000	\$500,000
2021	\$500,000	\$500,000
Total	\$5,100,000	\$5,100,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2011	\$0	\$600,000	\$600,000
2012	\$0	\$500,000	\$500,000
2013	\$0	\$500,000	\$500,000
2014	\$0	\$500,000	\$500,000
2015	\$0	\$500,000	\$500,000
2016	\$0	\$500,000	\$500,000
2017	\$0	\$500,000	\$500,000
2018	\$0	\$500,000	\$500,000
2019	\$0	\$500,000	\$500,000
2020	\$0	\$500,000	\$500,000
Total	\$0	\$5,100,000	\$5,100,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Fixed Costs	FTEs
2021*					
Total					

*Information not available.

Heavy Equipment Replacement

Department:
Public Works

Division:
Street Maintenance

Project Manager:
Mick Mercer

Phone Number:
970.962.2530

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

Project Category:
TBD

Project Number:
TBD

Duration:
2021

Total Project Cost:
\$675,000

About the Project

Replacement of a cold planer milling machine used by the Street Maintenance Division for repairing streets. The funding source is General Fund revenues.



Funding Sources

Revenue	General Fund	Total
2021	\$675,000	\$675,000
Total	\$675,000	\$675,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2021	\$0	\$675,000	\$675,000
Total	\$0	\$675,000	\$675,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Fixed Costs	FTEs
2021*					
Total					

*Information not available.

Maintenance Operations Center Remodel

Department:
Public Works

Division:
Facilities Management

Project Manager:
Ken Cooper

Phone Number:
970.962.2635

Email:
coopek@ci.loveland.co.us

Project Category:
TBD

Project Number:
TBD

Duration:
2016

**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 Phase 3, it will allow significant changes to the MOC to better service the Traffic and Facilities Management (FM) divisions. Traffic will generally occupy the western half of the building, while FM will use the eastern half. 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 is working with FM on this project and the costs to create this TOC will be kept separate from the specific remodel costs needed and shown below.



The figures below assume...

- 5% for design/architecture/engineering
- 65% for construction
- 7% for furniture/fixtures/equipment
- 5% for permits/fees
- 13% for contingency

Funding Sources

Revenue	General Fund	Total
2016	\$635,730	\$635,730
Total	\$635,730	\$635,730

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2016	\$28,300	\$607,430	\$635,730
Total	\$28,300	\$607,430	\$635,730

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Fixed Costs	FTEs
2017*					
Total					

*Information not available.

Vehicle Maintenance Fuel Tank Replacement

Department:
Public Works

Division:
Facilities Management

Project Manager:
Ken Cooper

Phone Number:
970.962.2635

Email:
coopek@ci.loveland.co.us

Project Category:
TBD

Project Number:
TBD

Duration:
2013

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

About the Project

The fuel tanks at the Service Center are approaching the end of their 30 year lifespan and will require replacement to ensure safe and secure continued operations.



Funding Sources

Revenue	General Fund	Enterprise Funds	Total
2013	\$281,250	\$93,750	\$375,000
Total	\$281,250	\$93,750	\$375,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2013	\$0	\$375,000	\$375,000
Total	\$0	\$375,000	\$375,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Fixed Costs	FTEs
2014*					
Total					

*Information not available.

Vehicle Maintenance Vehicle Wash Replacement

Department:
Public Works

Division:
Facilities Management

Project Manager:
Ken Cooper

Phone Number:
970.962.2635

Email:
coopek@ci.loveland.co.us

Project Category:
TBD

Project Number:
TBD

Duration:
2014

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

About the Project

The vehicle wash facility is aging. It is beginning to show structural deterioration and a longer wash lane is needed for many of the vehicles currently in use.



Funding Sources

Revenue	General Fund	Enterprise Funds	Total
2014	\$300,000	\$100,000	\$400,000
Total	\$300,000	\$100,000	\$400,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2014	\$0	\$400,000	\$400,000
Total	\$0	\$400,000	\$400,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Fixed Costs	FTEs
2015*					
Total					

*Information not available.

Service Center Phase III Expansion

Department:
Public Works

Division:
Facilities Management

Project Manager:
Ken Cooper

Phone Number:
970.962.2635

Email:
coopek@ci.loveland.co.us

Project Category:
TBD

Project Number:
TBD

Duration:
2011-2015

**Total Project
Cost:
\$3,824,620**

About the Project

Since the Service Center construction was undertaken in the 1980s, plans included repairing the campus to support Public Works operations currently located at the MOC. This recent "Phase 3" plan is limited in scope and maximizes the old School District building located south of Vehicle Maintenance.



Funding Sources

Revenue	General Government CEF	Enterprise Fund	Total
2011	\$382,460	\$0	\$382,460
2015	\$1,445,770	\$1,996,390	\$3,442,160
Total	\$1,828,230	\$1,996,390	\$3,824,620

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2011	\$382,460	\$0	\$382,460
2015	\$0	\$3,442,160	\$3,442,160
Total	\$382,460	\$3,442,160	\$3,824,620

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	FTEs
2016	\$0	\$0	\$231,150	
Total	\$0	\$0	\$231,150	

29th & Monroe Outfall (Phase 2 – Dry Creek)

Department:
Public Works

Division:
Stormwater Engineering

Project Manager:
Chris Carlson

Phone Number:
970.962.2774

Email:
carlsc@ci.loveland.co.us

Project Category:
Capital Program

Project Number:
TBD

Duration:
2013

**Total Project
Cost:
\$ 1,080,000**

About the Project

Phase 2 of a 2 phase project to reduce flooding problems on Monroe Avenue immediately north of 29th Street. Phase 2 work includes the installation of a culvert under 37th Street near Lincoln Avenue and the installation of a retaining wall along the southeast bend of Dry Creek adjacent to 37th Street at Lincoln Avenue in order to mitigate erosion problems within the creek.

Funding Sources

Revenue	Enterprise	Total
2013	\$1,080,000	\$1,080,000
Total	\$1,080,000	\$1,080,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2013	\$0	\$1,080,000	\$1,080,000
Total	\$0	\$1,080,000	\$1,080,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Total	FTEs
2013*					
Total					

* Operation 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:
*gingek@ci.loveland.co.us
lessae@ci.loveland.co.us*

Project Category:
Capital Program

Project Number:
SW0902

Duration:
2018 - 2021

**Total Project
Cost:
\$ 5,188,400**

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
2018	\$132,200	\$132,200
2019	\$1,692,200	\$1,692,200
2020	\$243,750	\$243,750
2021	\$3,120,250	\$3,120,250
Total	\$5,188,400	\$5,188,400

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2018	\$132,000	\$0	\$132,000
2019	\$0	\$1,692,200	\$1,692,200
2020	\$243,750	\$0	\$243,750
2021	\$0	\$3,120,250	\$3,120,250
Total	\$375,000	\$4,812,450	\$5,188,400

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Total	FTEs
2017*					
Total					

* Operation Impact Negligible.

7th Street & Madison Avenue Outfall

Department:
Public Works

Division:
Stormwater Engineering

Project Manager:
Eric Lessard

Phone Number:
970.962.2773

Email:
lessae@ci.loveland.co.us

Project Category:
Capital Program

Project Number:
TBD

Duration:
2012

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

About the Project

A project to reduce flooding problems on 7th Street at the sump located immediately west of the Greeley & Loveland irrigation canal. The existing underground storm drainage system is very old, broken, filled with soil, and no longer functioning. This project will include the installation of a new underground storm drainage system to replace the existing system which is not repairable.

Funding Sources

Revenue	Enterprise	Total
2012	\$300,000	\$300,000
Total	\$300,000	\$300,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2012	\$0	\$300,000	\$300,000
Total	\$0	\$300,000	\$300,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Total	FTEs
2013*					
Total					

* Operation Impact Negligible.

Washington Avenue Outfall Phase 4

Department:
Public Works

Division:
Stormwater Engineering

Project Manager:
Chris Carlson

Phone Number:
970-962-2774

Email:
carlsc@ci.loveland.co.us

Project Category:
Capital Program

Project Number:
SW0710

Duration:
2012

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

About the Project

Phase 4 of a 4 phase project to reduce flooding problems in downtown Loveland. The project includes installation of an underground storm drainage system from 7th Street to 12th Street, and from Washington Avenue to Garfield Avenue.

Funding Sources

Revenue	Enterprise	Total
2012	\$750,000	\$750,000
Total	\$750,000	\$750,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2012	\$0	\$750,000	\$750,000
Total	\$0	\$750,000	\$750,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Total	FTEs
2013*					
Total					

* Operation Impact Negligible.

Madison Ave. Outfall (Outlet Redirection to Big Thompson River)

Department:
Public Works

Division:
Stormwater Engineering

Project Manager:
Chris Carlson

Phone Number:
970.962.2774

Email:
carlsc@ci.loveland.co.us

Project Category:
Capital Program

Project Number:
TBD

Duration:
2013

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

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
2014	\$500,000	\$500,000
Total	\$500,000	\$500,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2014	\$0	\$500,000	\$500,000
Total	\$0	\$500,000	\$500,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Total	FTEs
2015*					
Total					

* Operation Impact Negligible.

Service Center Phase 3 Lon Hagler Basin Improvements

Department:
Public Works

Division:
Stormwater Engineering

Project Manager:
TBD

Phone Number:
TBD

Email:
TBD

Project Category:
Capital Program

Project Number:
TBD

Duration:
2018 - 2019

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

About the Project

A project to reduce flooding problems at the City of Loveland Service Center. An additional outlet (open channel) is needed to convey stormwater through the Service Center and into the Big Thompson River. Currently the existing box culvert beneath the Service Center is not large enough to convey runoff from major storm events safely through the Service Center.

Funding Sources

Revenue	Enterprise	Total
2018	\$50,000	\$50,000
2019	\$500,000	\$500,000
Total	\$550,000	\$550,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2018	\$50,000	\$0	\$50,000
2019	\$0	\$500,000	\$500,000
Total	\$50,000	\$500,000	\$550,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Total	FTEs
2020*					
Total					

* Operation Impact Negligible.

Maintenance Projects

Department:
Public Works

Division:
Stormwater Engineering

Project Manager:
Eric Lessard

Phone Number:
970.962.2773

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

Project Category:
Capital Program

Project Number:
SW1101 & SW1102

Duration:
2012 - 2021

**Total Project
Cost:
\$2,500,000**

About the Project

An annual program to address deteriorating storm drainage infrastructure within the City. The 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 \$250,000 and projects are prioritized to remain within the allocation.

Funding Sources

Revenue	Enterprise	Total
2012	\$250,000	\$250,000
2013	\$250,000	\$250,000
2014	\$250,000	\$250,000
2015	\$250,000	\$250,000
2016	\$250,000	\$250,000
2017	\$250,000	\$250,000
2018	\$250,000	\$250,000
2019	\$250,000	\$250,000
2020	\$250,000	\$250,000
2021	\$250,000	\$250,000
Total	\$2,500,000	\$2,500,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2012	\$0	\$250,000	\$250,000
2013	\$0	\$250,000	\$250,000
2014	\$0	\$250,000	\$250,000
2015	\$0	\$250,000	\$250,000
2016	\$0	\$250,000	\$250,000
2017	\$0	\$250,000	\$250,000
2018	\$0	\$250,000	\$250,000
2019	\$0	\$250,000	\$250,000
2020	\$0	\$250,000	\$250,000
2021	\$0	\$250,000	\$250,000
Total	\$0	\$2,500,000	\$2,500,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Total	FTEs
2022*					
Total					

* Operation Impact Negligible.

MeHaffey Park Regional Detention Pond

Department:
Public Works

Division:
Stormwater Engineering

Project Manager:
Kevin Gingery

Phone Number:
970.962.2771

Email:
gingek@ci.loveland.co.us

Project Category:
Oversizing SIF

Project Number:
TBD

Duration:
2011 - 2012

**Total Project
Cost:
\$ 585,000**

About the Project

During design and construction of MeHaffey Park, we will be working with the Parks & Recreation Department to provide a regional detention pond within their park. The regional detention pond is being completed in accordance with the City of Loveland Storm Drainage Master Plan.

Funding Sources

Revenue	Enterprise	Total
Prior	\$85,000	\$85,000
2012	\$500,000	\$500,000
Total	\$585,000	\$585,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$85,000	\$0	\$85,000
2012	\$0	\$500,000	\$500,000
Total	\$85,000	\$500,000	\$585,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Total	FTEs
2013*					
Total					

* Operation Impact Negligible.

Airport Basin Master Plan Improvements

Department:
Public Works

Division:
Stormwater Engineering

Project Manager:
Chris Carlson

Phone Number:
970.962.2774

Email:
carlsc@ci.loveland.co.us

Project Category:
Oversizing SIF

Project Number:
SW0808

Duration:
2009 - 2014

**Total Project
Cost:
\$1,182,391**

About the Project

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

Funding Sources

Revenue	Enterprise	Total
Prev. Years	\$82,391	\$82,391
2014	\$1,100,000	\$1,100,000
Total	\$1,100,000	\$1,100,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prev. Years	\$82,391	\$0	\$82,391
2014	\$0	\$1,100,000	\$1,100,000
Total	\$82,391	\$1,100,000	\$1,100,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Total	FTEs
2015*					
Total					

* Operation Impact Negligible.

Boyd Lake Outlet Ditch Improvements

Department:
Public Works

Division:
Stormwater Engineering

Project Manager:
Kevin Gingery

Phone Number:
970.962.2771

Email:
gingek@ci.loveland.co.us

Project Category:
SIF

Project Number:
SW0711

Duration:
2007 - 2017

**Total Project
Cost:
\$1,276,594**

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 the irrigation return flow ditch to convey storm water runoff to the Big Thompson River. In accordance with the 1987 agreement between the City and the Greeley & Loveland Irrigation Company, we are required to make necessary improvements to the ditch in order to convey storm water to the river.

Funding Sources

Revenue	Enterprise	Total
Prior	\$201,594	\$201,594
2013	\$75,000	\$75,000
2015	\$250,000	\$250,000
2016	\$500,000	\$500,000
2017	\$250,000	\$250,000
Total	\$1,276,594	\$1,276,594

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$201,594	\$0	\$201,594
2013	\$75,000	\$0	\$75,000
2015	\$0	\$250,000	\$250,000
2016	\$0	\$500,000	\$500,000
2017	\$0	\$250,000	\$250,000
Total	\$276,594	\$1,000,000	\$1,276,594

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Total	FTEs
2018*					
Total					

* Operation Impact Negligible

New Equipment and Replacement

Department:
Public Works

Division:
Stormwater Engineering

Project Manager:
Mick Mercer

Phone Number:
970.962.2530

Email:
mercem@ci.loveland.co.us

Project Category:
NA

Project Number:
NA

Duration:
2012 - 2021

**Total Project
Cost:
\$5,638,700**

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
2012	\$265,000	\$265,000
2013	\$540,000	\$540,000
2014	\$590,800	\$590,800
2015	\$357,000	\$357,000
2016	\$488,400	\$488,400
2017	\$315,000	\$315,000
2018	\$876,000	\$876,000
2019	\$1,197,500	\$1,197,500
2020	\$354,000	\$354,000
2021	\$252,000	\$252,000
Total	\$5,638,700	\$5,638,700

Project Cost Estimates By Year

Elements	Planning	Equipment	Total
2012	\$0	\$265,000	\$265,000
2013	\$0	\$540,000	\$540,000
2014	\$0	\$590,800	\$590,800
2015	\$0	\$357,000	\$357,000
2016	\$0	\$488,400	\$488,400
2017	\$0	\$315,000	\$315,000
2018	\$0	\$876,000	\$876,000
2019	\$0	\$1,197,500	\$1,197,500
2020	\$0	\$354,000	\$354,000
2021	\$0	\$252,000	\$252,000
Total	\$0	\$5,638,700	\$5,638,700

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	Total	FTEs
2012*					
Total					

* Operation Impact Negligible

2012- 2021 Transportation Program

The City of Loveland 2030 Transportation Plan (2030 Plan), adopted by City Council in April 2007, describes that “a well-balanced, well-maintained transportation system is critical for sustaining Loveland’s high quality of life”. The purpose of the 2030 Plan is to “provide a thorough yet easily understandable document that guides transportation decision making toward a future desirable to the community of Loveland”. The 2030 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 2030 Transportation Plan (2030 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 2030 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 2030 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 2030 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. (As an example, the intersection improvements at the intersection of Fairgrounds (Centerra Parkway) with Crossroads were more important than additional widening of Crossroads between there and I-25, such as the double left turn lanes onto Clydesdale Parkway. The Clydesdale Parkway intersection overall improvements were necessary to off-set the project 1,500 peak hour trips estimated for the site.)

The City of Loveland’s Transportation Capital Program (TCP) is the programming of projects in order to implement the 2030 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 2030 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 (Boyd Lake Extension from 5th Street to SH 60); Cascade Avenue from 22nd Street to 35th Street, etc.)

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 2030 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.

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

Department:
Public Works

Division:
Project Engineering

Project Manager:
Dave Klockeman

Phone Number:
970.962.2514

Email:
klockd@ci.loveland.co.us

Project Category:
Annual Program

Project Number:
NA

Duration:
2012 - 2021

Total Project Cost:
\$15,163,400

About the Project

Annual On-Going Projects -

\$6,180,000

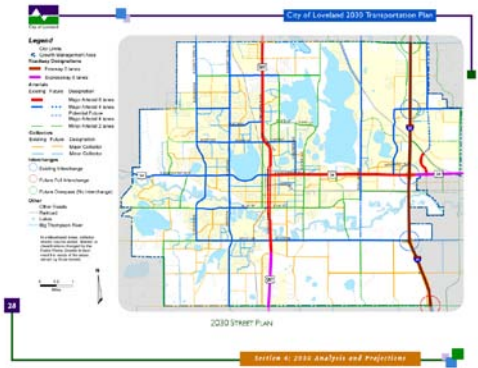
Reimbursement Projects - \$3,232,000

Miscellaneous Projects - \$2,246,400

Taft Avenue Phase II - \$1,235,000

Boise Ave. (Mt. Columbia to 37th) -
\$1,610,000

Madison Ave. (Silverleaf to 29th) -
\$660,100



Funding Sources

Revenue	General Fund	Street CEF	Other	Total
2012	\$788,720	\$1,095,090	\$488,190	\$2,372,000
2013	\$430,360	\$902,360	\$257,280	\$1,590,000
2014	\$394,100	\$893,900	\$80,000	\$1,368,000
2015	\$359,000	\$899,000	\$200,000	\$1,458,000
2016	\$389,000	\$901,000	\$0	\$1,290,000
2017	\$363,000	\$899,400	\$0	\$1,262,400
2018	\$351,000	\$949,000	\$0	\$1,300,000
2019	\$389,000	\$1,001,000	\$0	\$1,390,000
2020	\$373,000	\$1,101,000	\$0	\$1,474,000
2021	\$412,800	\$1,246,200	\$0	\$1,659,000
Total	\$4,249,980	\$9,887,950	\$1,025,470	\$15,163,400

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2012	\$167,500	\$2,204,500	\$2,372,000
2013	\$375,400	\$1,214,600	\$1,590,000
2014	\$147,500	\$1,220,500	\$1,368,000
2015	\$163,000	\$1,295,000	\$1,458,000
2016	\$38,000	\$1,252,000	\$1,290,000
2017	\$33,000	\$1,229,400	\$1,262,400
2018	\$30,000	\$1,270,000	\$1,300,000
2019	\$31,000	\$1,359,000	\$1,390,000
2020	\$90,000	\$1,384,000	\$1,474,000
2021	\$233,000	\$1,426,000	\$1,659,000
Total	\$1,308,400	\$13,855,000	\$15,163,400

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	FTEs
2021*				
Total				

*Operations Impact Negligible.

Note: Detailed Project Program information available through Public Works Department Project Engineering Division.

Note: 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:
klockd@ci.loveland.co.us

Project Category:
Annual Program

Project Number:
NA

Duration:
2011 - 2020

**Total Project
Cost:
\$6,180,000**

About the Project

2012 - 2021 Annual Projects
Bike Route Signing and Striping - \$200,000
Bike Lane/Sidewalk Construction - \$500,000
Misc. Right-of-Way Acquisition - \$950,000
Small Capital Projects - \$1,000,000
Miscellaneous Repairs - \$2,000,000
Transportation Master Plan Update - \$50,000
Loveland ITS Upgrade (Traffic) - \$500,000
Signal System Interconnect (Traffic) - \$600,000
School Flasher Units (Traffic) - \$200,000
Miscellaneous Bridge Repairs - \$180,000



Funding Sources

Revenue	GF/TABOR	Street CEF	Total
2012	\$271,000	\$379,000	\$650,000
2013	\$297,000	\$433,000	\$730,000
2014	\$261,000	\$339,000	\$600,000
2015	\$261,000	\$339,000	\$600,000
2016	\$261,000	\$339,000	\$600,000
2017	\$261,000	\$339,000	\$600,000
2018	\$261,000	\$339,000	\$600,000
2019	\$261,000	\$339,000	\$600,000
2020	\$261,000	\$339,000	\$600,000
2021	\$261,000	\$339,000	\$600,000
Total	\$2,656,000	\$3,524,000	\$6,180,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2012	\$105,000	545,000	\$650,000
2013	\$91,000	639,000	\$730,000
2014	\$55,000	545,000	\$600,000
2015	\$55,000	545,000	\$600,000
2016	\$55,000	545,000	\$600,000
2017	\$55,000	545,000	\$600,000
2018	\$55,000	545,000	\$600,000
2019	\$55,000	545,000	\$600,000
2020	\$55,000	545,000	\$600,000
2021	\$55,000	545,000	\$600,000
Total	\$636,000	\$5,544,000	\$6,180,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	FTEs
2021*				
Total				

*Operations Impact Negligible.

Note: Detailed Project Program information available through Public Works Department Project Engineering Division.

Note: All construction costs shown are engineering estimates until projects are bid.

Transportation Program: Reimburse Projects Constructed by Development included in 2030 Transportation Plan

Department:
Public Works

Division:
Project Engineering

Project Manager:
Dave Klockeman

Phone Number:
970.962.2514

Email:
klockd@ci.loveland.co.us

Project Category:
Annual Program

Project Number:
NA

Duration:
2011 - 2020

**Total Project
Cost:
\$3,232,000**

About the Project

2012 - 2021 Reimbursement Project List
N Taft Ave. (43rd to 57th St). - \$113,000
SH 402 (US 287 to St. Louis)- \$200,000
Fairgrounds Ave (Crossroads to 71st) -
\$345,000
43rd St. (Wilson to Cascade) - \$350,000
57th Street and US 287 Intersection -
\$165,000
Crossroads Blvd. (I-25 to Centerra Pky.) -
\$618,000
US 34/Sculptor Intersection - \$500,000
Sculptor Drive (US 34 to Mtn. Lion) -
\$150,000
US 34/Mtn. Lion Intersection - \$165,000
Taft/14th Street SW Intersection - \$359,000
US 34/Mtn. View Intersection - \$165,000



Funding Sources

Revenue	GF/TABOR	Street CEF	Total
2012	\$89,000	\$356,000	\$445,000
2013	\$20,000	\$80,400	\$100,000
2014	\$61,600	\$296,400	\$358,000
2015	\$30,000	\$288,000	\$318,000
2016	\$30,000	\$170,000	\$200,000
2017	\$27,600	\$260,400	\$288,000
2018	\$10,000	\$290,000	\$300,000
2019	\$36,000	\$294,000	\$330,000
2020	\$26,000	\$418,000	\$444,000
2021	\$29,800	\$419,200	\$449,000
Total	\$360,000	\$2,872,000	\$3,232,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2012	\$0	\$445,000	\$445,000
2013	\$0	\$100,000	\$100,000
2014	\$0	\$358,000	\$358,000
2015	\$0	\$318,000	\$318,000
2016	\$0	\$200,000	\$200,000
2017	\$0	\$288,000	\$288,000
2018	\$0	\$300,000	\$300,000
2019	\$0	\$330,000	\$330,000
2020	\$0	\$444,000	\$444,000
2021	\$0	\$449,000	\$449,000
Total	\$0	\$3,232,000	\$3,232,000

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	FTEs
2021 *				
Total				

*Operations Impact Negligible.

Note: Detailed Project Program information available through Public Works Department Project Engineering Division.

Note: All construction costs shown are engineering estimates until projects are bid.

Transportation Program:

Individual Capital Projects Under 500,000

Department:
Public Works

Division:
Project Engineering

Project Manager:
Dave Klockeman

Phone Number:
970.962.2514

Email:
klockd@ci.loveland.co.us

Project Category:
Annual Program

Project Number:
NA

Duration:
2011 - 2019

**Total Project
Cost:
\$2,246,400**

About the Project

2012 - 2021 Individual Projects Under
\$500,000

37th Street (Monroe to Madison) - \$110,000

Garfield Ave. (7th St. to US 34) - \$435,000

14th Street SW (West of Taft) - \$200,000

Boyd Lake Ave. at GLIC Bridge - \$350,000

Madison Ave. at GLIC Bridge - \$330,000

Garfield Ave. (NB Right at US 34) -
\$322,000

I-25 Area ITS - \$164,400

US 34 at Garfield (Signal Upgrade) -
\$335,000



Funding Sources

Revenue	GF/TABOR	Street CEF	Other	Total
2012	\$429,100	\$359,650	\$488,250	\$1,277,000
2013	\$41,200	\$101,200	\$257,600	\$400,000
2014	\$30,900	\$98,500	\$80,000	\$209,400
2015	\$10,000	\$40,000	\$200,000	\$250,000
2020	\$6,000	\$24,000	\$0	\$30,000
2021	\$16,000	\$64,000	\$0	\$80,000
Total	\$533,200	\$687,350	\$875,470	\$2,246,400

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2012	\$302,000	\$975,000	\$1,277,000
2013	\$80,000	\$320,000	\$400,000
2014	\$41,400	\$168,000	\$209,400
2015	\$50,000	\$200,000	\$250,000
2020	\$0	\$30,000	\$30,000
2021	\$0	\$80,000	\$80,000
Total	\$615,400	\$1,773,000	\$2,246,400

Estimated Initial Operations Impact

Expenditures	Personnel	Supplies	Purchased Services	FTEs
2021*				
Total				

*Operations Impact Negligible.

Note: Detailed Project Program information available through Public Works Department Project Engineering Division.

Note: All construction costs shown are engineering estimates until projects are bid.

Transportation Program:

Taft Avenue Phase 2 – Gard Place to Westshore Drive

Department:
Public Works

Division:
Project Engineering

Project Manager:
Dave Klockeman

Phone Number:
970.962.2514

Email:
klockd@ci.loveland.co.us

Project Category:
Annual Program

Project Number:
NA

Duration:
2013 - 2018

**Total Project
Cost:
\$1,235,000**

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 2021, 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.



Taft Avenue South of US 34

Funding Sources

Revenue	GF/TABOR	Street CEF	Total
2013	\$72,000	\$288,000	\$360,000
2016	\$80,000	\$320,000	\$400,000
2017	\$15,000	\$60,000	\$75,000
2018	\$80,000	\$320,000	\$400,000
Total	\$247,000	\$988,000	\$1,235,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2013	\$0	\$360,000	\$360,000
2016	\$0	\$400,000	\$400,000
2017	\$0	\$75,000	\$75,000
2018	\$0	\$400,000	\$400,000
Total	\$0	\$1,235,000	\$1,235,000

Estimated Initial Operations Impact

Expenditures	Personal Services	Supplies	Purchased Services	FTEs
2019*				
Total				

*Operations Impact Negligible.

Note: Detailed Project Program information available through Public Works Department Project Engineering Division.

Note: All construction costs shown are engineering estimates until projects are bid.

Transportation Program:

**Boise Avenue – Mt.
Columbia to 37th Street**

Department:
Public Works

Division:
Project Engineering

Project Manager:
Dave Klockeman

Phone Number:
970.962.2514

Email:
klockd@ci.loveland.co.us

Project Category:
Annual Program

Project Number:
NA

Duration:
2014 - 2021

**Total Project
Cost:
\$1,610,000**

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.



Funding Sources

Revenue	GF/TABOR	Street CEF	Total
2014	\$40,000	\$160,000	\$200,000
2015	\$58,000	\$232,000	\$290,000
2016	\$18,000	\$72,000	\$90,000
2017	\$60,000	\$240,000	\$300,000
2019	\$60,000	\$240,000	\$300,000
2020	\$40,000	\$160,000	\$200,000
2021	\$46,000	\$184,000	\$230,000
Total	\$322,000	\$1,288,000	\$1,610,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2014	\$200,000	\$0	\$200,000
2015	\$290,000	\$0	\$290,000
2016	\$0	\$90,000	\$90,000
2017	\$0	\$300,000	\$300,000
2019	\$0	\$300,000	\$300,000
2020	\$0	\$200,000	\$200,000
2021	\$0	\$230,000	\$230,000
Total	\$490,000	\$1,120,000	\$1,610,000

Estimated Initial Operations Impact

Expenditures	Personal Services	Supplies	Purchased Services	FTEs
2021 *				
Total				

*Operations Impact Negligible.

Note: Detailed Project Program information available through Public Works Department Project Engineering Division.

Note: All construction costs shown are engineering estimates until projects are bid.

Transportation Program: Madison Avenue Improvements- Silver Leaf to 29th Street

Department:
Public Works

Division:
Project Engineering

Project Manager:
Dave Klockeman

Phone Number:
970.962.2514

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

Project Category:
Annual Program

Project Number:
NA

Duration:
2019 - 2021

**Total Project
Cost:
\$660,000**

About the Project

The Boyd Lake Avenue Extension Project is the first phase of a long term effort to extend Boyd Lake Avenue from 5th Street to SH 402 and to eventually connect with LCR 7 at SH 60. The current project completes the purchase of the right-of-way from 5th Street to the Big Thompson River as well as constructs the road embankment for this future roadway as part of the completion of the mining reclamation plan in that area. The actual construction of the roadway is anticipated after 2020.



Funding Sources

Revenue	GF/TABOR	Street CEF	Total
2019	\$32,000	\$128,000	\$160,000
2020	\$40,000	\$160,000	\$200,000
2021	\$60,000	\$240,000	\$300,000
Total	\$132,000	\$528,000	\$660,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
2019	\$160,000	\$0	\$160,000
2020	\$200,000	\$0	\$200,000
2021	\$300,000	\$0	\$300,000
Total	\$660,000	\$0	\$660,000

Estimated Initial Operations Impact

Expenditures	Personal Services	Supplies	Purchased Services	FTEs
2022*				
Total				

*Operations Impact Negligible.

Note: Detailed Project Program information available through Public Works Department Project Engineering Division.

Note: All construction costs shown are engineering estimates until projects are bid.

Hydro Generation

Department:
Water & Power

Division:
Power

Project Manager:
Larry Howard
Bruno Lopez

Phone Number:
970.962-3703
970.962.3560

Email:
howarl@ci.loveland.co.us
lopezb@ci.loveland.co.us

Project Category:
Construction

Project Numbers:
PW900 & PW910

Duration:
2012-2021

**Total Project
Cost:
\$1,460,310**

About the Project

These projects consist of a FERC Hydro relicensing process, turbine rebuilds and various equipment and structural improvements that are necessary for the dam, flowline, penstock and the generation facility itself.



Funding Sources

Revenue	Power Fund	Power PIF	Total
Prior	\$0	\$0	\$0
2012	\$448,490	\$0	\$448,490
2013	\$629,530	\$0	\$629,530
2014	\$52,690	\$0	\$52,690
2015	\$25,730	\$0	\$25,730
2016	\$13,170	\$0	\$13,170
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$290,700	\$0	\$290,700
Total	\$1,460,310	\$0	\$1,460,310

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$210,990	\$237,500	\$448,490
2013	\$68,330	\$561,200	\$629,530
2014	\$25,970	\$26,720	\$52,690
2015	\$25,730	\$0	\$25,730
2016	\$13,170	\$0	\$13,170
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$290,700	\$290,700
Total	\$344,190	\$1,116,120	\$1,460,310

System Improvements

Department:
Water & Power

Division:
Power

Project Manager:
Bob Miller

Phone Number:
970.962.3563

Email:
milleb@ci.loveland.co.us

Project Category:
Construction

Project Numbers:
PW901-PW909 &
PW913-PW913A

Duration:
2012-2021

**Total Project
Cost:
\$14,925,020**

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	Power PIF	Total
Prior	\$0	\$0	\$0
2012	\$946,860	\$0	\$946,860
2013	\$1,090,170	\$0	\$1,090,170
2014	\$1,486,360	\$0	\$1,486,360
2015	\$1,523,940	\$0	\$1,523,940
2016	\$1,560,530	\$0	\$1,560,530
2017	\$1,596,000	\$0	\$1,596,000
2018	\$1,630,590	\$0	\$1,630,590
2019	\$1,664,220	\$0	\$1,664,220
2020	\$1,697,140	\$0	\$1,697,140
2021	\$1,729,210	\$0	\$1,729,210
Total	\$14,925,020	\$0	\$14,925,020

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$946,860	\$946,860
2013	\$0	\$1,090,170	\$1,090,170
2014	\$0	\$1,486,360	\$1,486,360
2015	\$0	\$1,523,940	\$1,523,940
2016	\$0	\$1,560,530	\$1,560,530
2017	\$0	\$1,596,000	\$1,596,000
2018	\$0	\$1,630,590	\$1,630,590
2019	\$0	\$1,664,220	\$1,664,220
2020	\$0	\$1,697,140	\$1,697,140
2021	\$0	\$1,729,210	\$1,729,210
Total	\$0	\$14,925,020	\$14,925,020

Customer Aid- To- Construction

Department:
Water & Power

Division:
Power

Project Manager:
Bob Miller

Phone Number:
970.962.3563

Email:
milleb@ci.loveland.co.us

Project Category:
Construction

Project Number:
PW912-various work orders

Duration:
2012-2021

**Total Project
Cost:
\$7,211,750**

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	Power PIF	Total
Prior	\$0	\$0	\$0
2012	\$646,890	\$0	\$646,890
2013	\$663,580	\$0	\$663,580
2014	\$680,590	\$0	\$680,590
2015	\$697,800	\$0	\$697,800
2016	\$714,550	\$0	\$714,550
2017	\$730,790	\$0	\$730,790
2018	\$746,630	\$0	\$746,630
2019	\$762,030	\$0	\$762,030
2020	\$777,100	\$0	\$777,100
2021	\$791,790	\$0	\$791,790
Total	\$7,211,750	\$0	\$7,211,750

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$646,890	\$646,890
2013	\$0	\$663,580	\$663,580
2014	\$0	\$680,590	\$680,590
2015	\$0	\$697,800	\$697,800
2016	\$0	\$714,550	\$714,550
2017	\$0	\$730,790	\$730,790
2018	\$0	\$746,630	\$746,630
2019	\$0	\$762,030	\$762,030
2020	\$0	\$777,100	\$777,100
2021	\$0	\$791,790	\$791,790
Total	\$0	\$7,211,750	\$7,211,750

Miscellaneous Feeder Extensions

Department:
Water & Power

Division:
Power

Project Manager:
Kathleen Porter

Phone Number:
970.962.3561

Email:
portek@ci.loveland.co.us

Project Category:
Construction

Project Numbers:
PW913A & PW921A

Duration:
2012-2021

**Total Project
Cost:
\$8,835,540**

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	Power PIF	Total
Prior	\$0	\$0	\$0
2012	\$97,800	\$50,000	\$147,800
2013	\$151,610	\$76,940	\$228,550
2014	\$208,100	\$841,680	\$1,049,780
2015	\$267,300	\$134,840	\$402,140
2016	\$328,940	\$1,270,290	\$1,599,230
2017	\$336,420	\$197,700	\$534,120
2018	\$343,710	\$1,385,040	\$1,728,750
2019	\$350,800	\$233,900	\$584,700
2020	\$357,740	\$1,501,630	\$1,859,370
2021	\$364,500	\$336,600	\$701,100
Total	\$2,806,920	\$6,028,620	\$8,835,540

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$147,800	\$147,800
2013	\$0	\$228,550	\$228,550
2014	\$0	\$1,049,780	\$1,049,780
2015	\$0	\$402,140	\$402,140
2016	\$0	\$1,599,230	\$1,599,230
2017	\$0	\$534,120	\$534,120
2018	\$0	\$1,728,750	\$1,728,750
2019	\$0	\$584,700	\$584,700
2020	\$0	\$1,859,370	\$1,859,370
2021	\$0	\$701,100	\$701,100
Total	\$0	\$8,835,540	\$8,835,540

Partnering With Power

Department:
Water & Power

Division:
Power

Project Manager:
Bob Miller

Phone Number:
970.962.3563

Email:
milleb@ci.loveland.co.us

Project Category:
Construction

Work Order Number:
WF0003703/001 & 002

Duration:
2006-2021

**Total Project
Cost:
\$2,487,761**

About the Project

This project, continuing in its 6th year, is an ongoing effort to reduce our demand on our peak during the summer months. It is estimated that each unit installed reduces our peak by 1.2 kW.



Funding Sources

Revenue	Power Fund	Power PIF	Total
Prior	\$1,392,591	\$0	\$1,392,591
2012	\$98,240	\$0	\$98,240
2013	\$100,770	\$0	\$100,770
2014	\$103,360	\$0	\$103,360
2015	\$105,970	\$0	\$105,970
2016	\$108,510	\$0	\$108,510
2017	\$110,970	\$0	\$110,970
2018	\$113,380	\$0	\$113,380
2019	\$115,720	\$0	\$115,720
2020	\$118,010	\$0	\$118,010
2021	\$120,240	\$0	\$120,240
Total	\$2,487,761	\$0	\$2,487,761

Project Cost Estimates By Year

Elements	Marketing	Installation	Total
Prior Years	\$0	\$1,392,591	\$1,392,591
2012	\$0	\$98,240	\$98,240
2013	\$0	\$100,770	\$100,770
2014	\$0	\$103,360	\$103,360
2015	\$0	\$105,970	\$105,970
2016	\$0	\$108,510	\$108,510
2017	\$0	\$110,970	\$110,970
2018	\$0	\$113,380	\$113,380
2019	\$0	\$115,720	\$115,720
2020	\$0	\$118,010	\$118,010
2021	\$0	\$120,240	\$120,240
Total	\$0	\$2,487,761	\$2,487,761

200 Amp Projects

Department:
Water & Power

Division:
Power

Project Manager:
Garth Silvernale

Phone Number:
970.962.3580

Email:
silveg@ci.loveland.co.us

Project Category:
Construction

Work Order Number:
PW913-various work orders

Duration:
2012-2021

Total Project Cost:
\$986,730

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	Power PIF	Total
Prior	\$0	\$0	\$0
2012	\$88,510	\$0	\$88,510
2013	\$90,790	\$0	\$90,790
2014	\$93,120	\$0	\$93,120
2015	\$95,470	\$0	\$95,470
2016	\$97,770	\$0	\$97,770
2017	\$99,990	\$0	\$99,990
2018	\$102,160	\$0	\$102,160
2019	\$104,260	\$0	\$104,260
2020	\$106,330	\$0	\$106,330
2021	\$108,330	\$0	\$108,330
Total	\$986,730	\$0	\$986,730

Project Cost Estimates By Year

Elements	Marketing	Installation	Total
Prior	\$0	\$0	\$0
2012	\$0	\$88,510	\$88,510
2013	\$0	\$90,790	\$90,790
2014	\$0	\$93,120	\$93,120
2015	\$0	\$95,470	\$95,470
2016	\$0	\$97,770	\$97,770
2017	\$0	\$99,990	\$99,990
2018	\$0	\$102,160	\$102,160
2019	\$0	\$104,260	\$104,260
2020	\$0	\$106,330	\$106,330
2021	\$0	\$108,330	\$108,330
Total	\$0	\$986,730	\$986,730

Substation Security

Department:
Water & Power

Division:
Power

Project Manager:
Bob Miller

Phone Number:
970.962.3563

Email:
milleb@ci.loveland.co.us

Project Category:
Construction

Project Number:
PW911

Duration:
2013-2016

**Total Project
Cost:
\$852,240**

About the Project

These projects will install an active detection system along the perimeter of the substations and TV cameras for intruders. We had an incident where copper was stolen from our Valley Substation, and there has been a disturbing trend in the industry of people stealing copper from the utilities. This will provide increased security for each of the substations.



Funding Sources

Revenue	Power Fund	Power PIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$205,160	\$0	\$205,160
2014	\$210,420	\$0	\$210,420
2015	\$215,740	\$0	\$215,740
2016	\$220,920	\$0	\$220,920
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$852,240	\$0	\$852,240

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$205,160	\$205,160
2014	\$0	\$210,420	\$210,420
2015	\$0	\$215,740	\$215,740
2016	\$0	\$220,920	\$220,920
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$0	\$852,240	\$852,240

Sub-to-Sub Ties

Department:
Water & Power

Division:
Power

Project Manager:
Bob Miller

Phone Number:
970.962.3563

Email:
milleb@ci.loveland.co.us

Project Category:
Construction

Project Number:
PW913A

Duration:
2010-2012

**Total Project
Cost:
\$8,208,877**

About the Project

These projects will install additional circuit ties between substations so we will have the ability to transfer load between substations when the need arises.



Funding Sources

Revenue	Power Fund	Power PIF	Total
Prior	\$5,515,327	\$0	\$5,515,327
2012	\$2,693,550	\$0	\$2,693,550
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$8,208,877	\$0	\$8,208,877

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$5,515,327	\$5,515,327
2012	\$0	\$2,693,550	\$2,693,550
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$0	\$8,208,877	\$8,208,877

Miscellaneous Substation Projects

Department:
Water & Power

Division:
Power

Project Manager:
Russel Jentges

Phone Number:
970.962.3557

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

Project Category:
Construction

Work Order Number:
Various

Duration:
2013-2021

**Total Project
Cost:
\$7,954,550**

About the Project

These projects are related to needs that have been identified in the 10 year growth projection. The specific projects may change due to changes in the growth in various areas of the City. If residential growth returns, Horseshoe Substation will require a new transformer and circuits; if a large commercial customer comes in the area of the Airport we will need a new transformer and circuits at Crossroads Substation.



Funding Sources

Revenue	Power Fund	Power PIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$512,900	\$512,900
2014	\$0	\$526,050	\$526,050
2015	\$0	\$1,618,050	\$1,618,050
2016	\$0	\$0	\$0
2017	\$0	\$1,694,550	\$1,694,550
2018	\$0	\$0	\$0
2019	\$0	\$1,767,000	\$1,767,000
2020	\$0	\$0	\$0
2021	\$0	\$1,836,000	\$1,836,000
Total	\$0	\$7,954,550	\$7,954,550

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$512,900	\$512,900
2014	\$0	\$526,050	\$526,050
2015	\$0	\$1,618,050	\$1,618,050
2016	\$0	\$0	\$0
2017	\$0	\$1,694,550	\$1,694,550
2018	\$0	\$0	\$0
2019	\$0	\$1,767,000	\$1,767,000
2020	\$0	\$0	\$0
2021	\$0	\$1,836,000	\$1,836,000
Total	\$0	\$7,954,550	\$7,954,550

Miscellaneous Electric Relocations Road Related Projects

Department:
Water & Power

Division:
Power

Project Manager:
Kathleen Porter

Phone Number:
970.962.3561

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

Project Category:
Construction

Project Number:
PW913

Duration:
2012-2021

**Total Project
Cost:
\$2,160,090**

About the Project

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



Funding Sources

Revenue	Power Fund	Power PIF	Total
Prior	\$0	\$0	\$0
2012	\$193,760	\$0	\$193,760
2013	\$198,760	\$0	\$198,760
2014	\$203,850	\$0	\$203,850
2015	\$209,010	\$0	\$209,010
2016	\$214,020	\$0	\$214,020
2017	\$218,890	\$0	\$218,890
2018	\$223,630	\$0	\$223,630
2019	\$228,250	\$0	\$228,250
2020	\$232,760	\$0	\$232,760
2021	\$237,160	\$0	\$237,160
Total	\$2,160,090	\$0	\$2,160,090

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$193,760	\$193,760
2013	\$0	\$198,760	\$198,760
2014	\$0	\$203,850	\$203,850
2015	\$0	\$209,010	\$209,010
2016	\$0	\$214,020	\$214,020
2017	\$0	\$218,890	\$218,890
2018	\$0	\$223,630	\$223,630
2019	\$0	\$228,250	\$228,250
2020	\$0	\$232,760	\$232,760
2021	\$0	\$237,160	\$237,160
Total	\$0	\$2,160,090	\$2,160,090

Taft Avenue Part 2

Department:
Water & Power

Division:
Power

Project Manager:
Kathleen Porter

Phone Number:
970.962.3561

Email:
portek@ci.loveland.co.us

Project Category:
Construction

Project Number:
PW913

Duration:
2015

**Total Project
Cost:
\$555,530**

About the Project

This project will relocate our electric circuits in conjunction with the street widening that will occur along Taft Avenue. This is a continuation of the street widening that occurred several years ago from 1st to 8th Streets.



Funding Sources

Revenue	Power Fund	Power PIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$555,530	\$0	\$555,530
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$555,530	\$0	\$555,530

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$555,530	\$555,530
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$0	\$555,530	\$555,530

Streetlight Projects

Department:
Water & Power

Division:
Power

Project Manager:
Kathleen Porter

Phone Number:
970.962.3561

Email:
portek@ci.loveland.co.us

Project Category:
Construction

Project Number:
PW915

Duration:
2012-2021

**Total Project
Cost:
\$2,672,420**

About the Project

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



Funding Sources

Revenue	Power Fund	Power PIF	Total
Prior	\$0	\$0	\$0
2012	\$239,710	\$0	\$239,710
2013	\$245,900	\$0	\$245,900
2014	\$252,200	\$0	\$252,200
2015	\$258,580	\$0	\$258,580
2016	\$264,790	\$0	\$264,790
2017	\$270,810	\$0	\$270,810
2018	\$276,670	\$0	\$276,670
2019	\$282,380	\$0	\$282,380
2020	\$287,970	\$0	\$287,970
2021	\$293,410	\$0	\$293,410
Total	\$2,672,420	\$0	\$2,672,420

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$239,710	\$239,710
2013	\$0	\$245,900	\$245,900
2014	\$0	\$252,200	\$252,200
2015	\$0	\$258,580	\$258,580
2016	\$0	\$264,790	\$264,790
2017	\$0	\$270,810	\$270,810
2018	\$0	\$276,670	\$276,670
2019	\$0	\$282,380	\$282,380
2020	\$0	\$287,970	\$287,970
2021	\$0	\$293,410	\$293,410
Total	\$0	\$2,672,420	\$2,672,420

Highway 402 Feeder Extension

Department:
Water & Power

Division:
Power

Project Manager:
Kathleen Porter

Phone Number:
970.962.3561

Email:
portek@ci.loveland.co.us

Project Category:
Construction

Project Number:
PW921

Duration:
2015-2016

**Total Project
Cost:
\$5,471,200**

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 the 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	Power PIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$2,157,400	\$2,157,400
2016	\$0	\$3,313,800	\$3,313,800
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$0	\$5,471,200	\$5,471,200

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$2,157,400	\$2,157,400
2016	\$0	\$3,313,800	\$3,313,800
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$0	\$5,471,200	\$5,471,200

Miscellaneous General Plant Projects

Department:
Water & Power

Division:
Power

Project Manager:
Bob Miller

Phone Number:
970.962.3563

Email:
milleb@ci.loveland.co.us

Project Category:
Capital Equipment

Project Number:
PW930

Duration:
2012-2021

**Total Project
Cost:
\$2,394,280**

About the Project

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



Funding Sources

Revenue	Power Fund	Power PIF	Total
Prior	\$0	\$0	\$0
2012	\$606,000	\$0	\$606,000
2013	\$541,360	\$0	\$541,360
2014	\$75,230	\$0	\$75,230
2015	\$0	\$0	\$0
2016	\$66,280	\$0	\$66,280
2017	\$212,120	\$0	\$212,120
2018	\$216,720	\$0	\$216,720
2019	\$221,190	\$0	\$221,190
2020	\$225,560	\$0	\$225,560
2021	\$229,820	\$0	\$229,820
Total	\$2,394,280	\$0	\$2,394,280

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$606,000	\$606,000
2013	\$0	\$541,360	\$541,360
2014	\$0	\$75,230	\$75,230
2015	\$0	\$0	\$0
2016	\$0	\$66,280	\$66,280
2017	\$0	\$212,120	\$212,120
2018	\$0	\$216,720	\$216,720
2019	\$0	\$221,190	\$221,190
2020	\$0	\$225,560	\$225,560
2021	\$0	\$229,820	\$229,820
Total	\$0	\$2,394,280	\$2,394,280

Raw Water Court Cases

Department:
Water & Power

Division:
Raw Water

Project Manager:
Larry Howard

Phone Number:
970.962.3703

Email:
howarl@ci.loveland.co.us

Project Category:
Planning

Project Numbers:
W207AA, W134AA,

Duration:
2012-2013 & 2016

**Total Project
Cost:
\$389,000**

About the Project

The City is involved in application for decrees in the Division I Water Court in Greeley to legally change the types and places of use of agricultural water it has acquired to municipal and domestic uses. This water is typically obtained through the process of development. The water cannot otherwise be used

beneficially by Loveland. These applications result in cases, monitored by a Water Court Referee, or heard by the Water Court Judge. They involve extensive engineering and legal preparation, negotiation, and ultimately may end in trial, before decrees are issued.



Funding Sources

Revenue	Raw Water Fund	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$111,540	\$0	\$111,540
2013	\$205,160	\$0	\$205,160
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$72,300	\$0	\$72,300
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$389,000	\$0	\$389,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$111,540	\$0	\$111,540
2013	\$205,160	\$0	\$205,160
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$72,300	\$0	\$72,300
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$389,000	\$0	\$389,000

Windy Gap Firming Project

Department:
Water & Power

Division:
Raw Water

Project Manager:
Larry Howard

Phone Number:
970.962.3703

Email:
howarl@ci.loveland.co.us

Project Category:
Planning

Project Numbers:
W038AA

Duration:
2010-2014

**Total Project
Cost:
\$24,595,093**

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. Engineering design began in 2010, and construction could begin in 2012 or 2013, ending three to four years later depending on conditions experienced during construction.



Funding Sources

Revenue	Raw Water Fund	Water SIF	Total
Prior	\$2,642,793	\$0	\$2,642,793
2012	\$608,570	\$0	\$608,570
2013	\$277,550	\$0	\$277,550
2014	\$21,066,180	\$0	\$21,066,180
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$24,595,093	\$0	\$24,595,093

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$2,642,793	\$0	\$2,642,793
2012	\$608,570	\$0	\$608,570
2013	\$277,550	\$0	\$277,550
2014	\$0	\$21,066,180	\$21,066,180
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$3,528,913	\$21,066,180	\$24,595,093

Colorado Big Thompson Water Purchases

Department:
Water & Power

Division:
Raw Water

Project Manager:
Larry Howard

Phone Number:
970.962.3703

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

Project Category:
Planning

Project Numbers:
W1014A

Duration:
2011-2021

**Total Project
Cost:
\$8,700,000**

About the Project

These funds allow the purchase of Colorado Big Thompson Project units should favorable opportunities become available. The water originates in the Colorado River Basin and is brought to the North Front Range through a system of tunnels, pipelines and turbines, where power is generated along the way. Having this flexible source of raw water available in addition to water diverted from the Big Thompson River provides redundancy in the City's raw water supplies and spreads the risk of water shortages due to drought out over a larger geographic area.



Funding Sources

Revenue	Raw Water Fund	Water SIF	Total
Prior	\$4,900,000	\$0	\$4,900,000
2012	\$100,000	\$0	\$100,000
2013	\$100,000	\$0	\$100,000
2014	\$100,000	\$0	\$100,000
2015	\$500,000	\$0	\$500,000
2016	\$500,000	\$0	\$500,000
2017	\$500,000	\$0	\$500,000
2018	\$500,000	\$0	\$500,000
2019	\$500,000	\$0	\$500,000
2020	\$500,000	\$0	\$500,000
2021	\$500,000	\$0	\$500,000
Total	\$8,700,000	\$0	\$8,700,000

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$4,900,000	\$0	\$4,900,000
2012	\$100,000	\$0	\$100,000
2013	\$100,000	\$0	\$100,000
2014	\$100,000	\$0	\$100,000
2015	\$500,000	\$0	\$500,000
2016	\$500,000	\$0	\$500,000
2017	\$500,000	\$0	\$500,000
2018	\$500,000	\$0	\$500,000
2019	\$500,000	\$0	\$500,000
2020	\$500,000	\$0	\$500,000
2021	\$500,000	\$0	\$500,000
Total	\$8,700,000	\$0	\$8,700,000

Trade of Water Rights – 402 Corridor

Department:
Water & Power

Division:
Raw Water

Project Manager:
Larry Howard

Phone Number:
970.962.3703

Email:
howarl@ci.loveland.co.us

Project Category:
Planning

Project Numbers:
Various

Duration:
2019

**Total Project
Cost:
\$636,140**

About the Project

The City (Raw Water Enterprise Fund) purchased water along Highway 402, formerly owned by Three “O” Partnership.

The water is described as 27 shares of Home Supply Ditch. Water and Power staff has been considering ways for the City to use this water. One option is to trade the water to Johnstown. This water is

the same type of water that Johnstown already makes use of; however, a change in Water Court would be required. Johnstown has other water carried in the Home Supply Ditch in which Johnstown gets a reduced yield. If and when a trade is accepted, the City (Raw Water Enterprise Fund) would dispose of this asset and the City (Raw Water Enterprise Fund) would acquire another asset (a different type of water right). Due to time involved in doing a Water Court transfer, the trade would not be expected until 2019.



Funding Sources

Revenue	Raw Water Fund	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$636,140	\$0	\$636,140
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$636,140	\$0	\$636,140

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$636,140	\$0	\$636,140
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$636,140	\$0	\$636,140

Water Rights Purchase

Department:
Water & Power

Division:
Raw Water

Project Manager:
Larry Howard

Phone Number:
970.962.3703

Email:
howarl@ci.loveland.co.us

Project Category:
Planning

Project Numbers:
Various

Duration:
2019

**Total Project
Cost:
\$524,520**

About the Project

The City (General Fund) purchased land and water along Highway 402, formerly owned by Paul Ehrlich. The water is described as 9.5 shares of Home Supply Ditch and 0.8588 shares of Big Thompson Ditch and Manufacturing stock carried in the Home Supply Ditch. Water and Power staff has been considering ways for the



City to use this water. One option is to trade the water to Johnstown. This water is the same type of water that Johnstown already makes use of; however, a change in Water Court would be required. Johnstown has other water carried in the Home Supply Ditch in which Johnstown gets a reduced yield. If and when a trade is accepted, the City (General Fund) would dispose of this asset and the City (Raw Water Enterprise Fund) would acquire another asset (a different type of water right) and reimburse the General Fund. Due to time involved in doing a Water Court transfer, the trade would not be expected until 2019.

Funding Sources

Revenue	Raw Water Fund	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$524,520	\$0	\$524,520
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$524,520	\$0	\$524,520

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$524,520	\$0	\$524,520
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$524,520	\$0	\$524,520

Miscellaneous Wastewater Treatment Plant Projects

Department:
Water & Power

Division:
Wastewater

Project Manager:
Michael McCrary

Phone Number:
970.962.2572

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

Project Category:
Planning/Construction

Project Numbers:
Various

Duration:
2012-2021

**Total Project
Cost:
\$1,333,050**

About the Project

Miscellaneous Wastewater Treatment Plant projects include Digester modifications, Automated Data Acquisition, ductwork revisions, heating, ventilation and lighting system installations and an emergency generator. These projects allow the City to maintain or increase Plant treatment capacity to provide high quality wastewater treatment to the City.



Funding Sources

Revenue	Waste Fund	Waste SIF	Total
Prior	\$0	\$0	\$0
2012	\$285,310	\$101,890	\$387,200
2013	\$97,460	\$24,360	\$121,820
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$40,320	\$0	\$40,320
2018	\$327,560	\$0	\$327,560
2019	\$0	\$0	\$0
2020	\$228,075	\$228,075	\$456,150
2021	\$0	\$0	\$0
Total	\$978,725	\$354,325	\$1,333,050

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$49,770	\$337,430	\$387,200
2013	\$0	\$121,820	\$121,820
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$40,320	\$0	\$40,320
2018	\$0	\$327,560	\$327,560
2019	\$0	\$0	\$0
2020	\$81,640	\$374,510	\$456,150
2021	\$0	\$0	\$0
Total	\$171,730	\$1,161,320	\$1,333,050

New Laboratory Building

Department:
Water & Power

Division:
Wastewater

Project Manager:
John McGee

Phone Number:
970.962.3760

Email:
mcgeej@ci.loveland.co.us

Project Category:
Planning/Construction

Project Number:
Unknown

Duration:
2020-2021

**Total Project
Cost:
\$2,643,790**

About the Project

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



Funding Sources

Revenue	Waste Fund	Waste SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$161,360	\$79,470	\$240,830
2021	\$1,609,980	\$792,980	\$2,402,960
Total	\$1,771,340	\$872,450	\$2,643,790

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$240,830	\$0	\$240,830
2021	\$0	\$2,402,960	\$2,402,960
Total	\$240,830	\$2,402,960	\$2,643,790

Digester Complex Mixing System & Boiler Replacement at Wastewater Treatment Plant

Department:
Water & Power

Division:
Wastewater

Project Manager:
Michael McCrary

Phone Number:
970.962.2572

Email:
mccram@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
TBA

Duration:
2012-2015

**Total Project
Cost:
\$1,778,790**

About the Project

This project consists primarily of inspection and interior coating of the digester covers, replacement of the 27 year old boilers, replacement of the mixing systems and modifications to the digester flare. These improvements will provide higher reliability and greater efficiency to the digesters. Updated Digester Gas handling and treatment will be constructed to meet greenhouse gas emission concerns.



Funding Sources

Revenue	Waste Fund	Waste SIF	Total
Prior	\$0	\$0	\$0
2012	\$67,740	\$0	\$67,740
2013	\$0	\$0	\$0
2014	\$423,040	\$0	\$423,040
2015	\$1,288,010	\$0	\$1,288,010
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$1,778,790	\$0	\$1,778,790

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$67,740	\$0	\$67,740
2013	\$0	\$0	\$0
2014	\$0	\$423,040	\$423,040
2015	\$0	\$1,288,010	\$1,288,010
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$67,740	\$1,711,050	\$1,778,790

Blower & Aeration Basin Diffusers at Wastewater Treatment Plant

Department:
Water & Power

Division:
Wastewater

Project Manager:
Michael McCrary

Phone Number:
970.962.2572

Email:
mccram@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
TBA

Duration:
2015-2016

Total Project Cost:
\$1,049,570

About the Project

This project provides capacity increase of the secondary treatment system to increase current capacity above 80% design threshold. We are required to be designing improvements for increased capacity when plant capacity is at 80% of design capacity or (16,200 ppd of BOD5 or 8 mgd of influent flow) and under construction when the plant is at 95% of design capacity (19,300 lb/day of BOD5 or 9.5 mgd of influent flow). This project may be assimilated into the Nutrient Removal process project if the current regulatory trajectory continues.



Funding Sources

Revenue	Waste Fund	Waste SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$101,980	\$101,980
2016	\$0	\$947,590	\$947,590
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$0	\$1,049,570	\$1,049,570

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$101,980	\$0	\$101,980
2016	\$0	\$947,590	\$947,590
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$101,980	\$947,590	\$1,049,570

Nutrient Treatment Facilities at Wastewater Treatment Plant

Department:
Water & Power

Division:
Wastewater

Project Manager:
Michael McCrary

Phone Number:
970.962.2572

Email:
mccram@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
TBA

Duration:
2015-2017

**Total Project
Cost:
\$6,413,630**

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.



Funding Sources

Revenue	Waste Fund	Waste SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$461,720	\$153,910	\$615,630
2016	\$1,459,200	\$486,400	\$1,945,600
2017	\$2,889,300	\$963,100	\$3,852,400
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$4,810,220	\$1,603,410	\$6,413,630

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$615,630	\$0	\$615,630
2016	\$0	\$1,945,600	\$1,945,600
2017	\$0	\$3,852,400	\$3,852,400
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$615,630	\$5,798,000	\$6,413,630

Project J Aeration Basin at Wastewater Treatment Plant

Department:
Water & Power

Division:
Wastewater

Project Manager:
Michael McCrary

Phone Number:
970.962.2572

Email:
mccram@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
TBA

Duration:
2016-2017

**Total Project
Cost:
\$3,980,100**

About the Project

This project will provide BOD capacity increase of the secondary treatment system to increase current capacity above 80% design threshold and re-rate the plant capacity to 12 mgd and 28,500 lbs / day BOD5. This coincides with the nutrient removal project.



Funding Sources

Revenue	Waste Fund	Waste SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$338,130	\$338,130
2017	\$0	\$3,641,970	\$3,641,970
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$0	\$3,980,100	\$3,980,100

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$338,130	\$0	\$338,130
2017	\$0	\$3,641,970	\$3,641,970
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$338,130	\$3,641,970	\$3,980,100

Project K Primary Clarifier at Wastewater Treatment Plant

Department:
Water & Power

Division:
Wastewater

Project Manager:
Michael McCrary

Phone Number:
970.962.2572

Email:
mccram@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
TBA

Duration:
2019-2020

**Total Project
Cost:
\$2,959,490**

About the Project

This project will provide a treatment capacity increase of the primary treatment system to 12 mgd max month design to provide additional plant capacity for City growth. The primary clarifier will be constructed in the area now occupied by the de-commissioned trickling filters.



Funding Sources

Revenue	Waste Fund	Waste SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$338,060	\$338,060
2020	\$0	\$2,621,430	\$2,621,430
2021	\$0	\$0	\$0
Total	\$0	\$2,959,490	\$2,959,490

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$338,060	\$0	\$338,060
2020	\$0	\$2,621,430	\$2,621,430
2021	\$0	\$0	\$0
Total	\$338,060	\$2,621,430	\$2,959,490

Demolition of Trickling Filters at Wastewater Treatment Plant

Department:
Water & Power

Division:
Wastewater

Project Manager:
Michael McCrary

Phone Number:
970.962.2572

Email:
mccram@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
TBA

Duration:
2018-2019

**Total Project
Cost:
\$628,590**

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 Project K Primary Clarifier project.



Funding Sources

Revenue	Waste Fund	Waste SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$55,000	\$0	\$55,000
2019	\$573,590	\$0	\$573,590
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$628,590	\$0	\$628,590

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$55,000	\$0	\$55,000
2019	\$0	\$573,590	\$573,590
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$55,000	\$573,590	\$628,590

Project L Digested Sludge Dewatering at Wastewater Treatment Plant

Department:
Water & Power

Division:
Wastewater

Project Manager:
Michael McCrary

Phone Number:
970.962.2572

Email:
mccram@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
TBA

Duration:
2017-2018

**Total Project
Cost:
\$6,393,600**

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	Waste Fund	Waste SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$346,130	\$230,760	\$576,890
2018	\$3,490,030	\$2,326,680	\$5,816,710
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$3,836,160	\$2,557,440	\$6,393,600

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$576,890	\$0	\$576,890
2018	\$0	\$5,816,710	\$5,816,710
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$576,890	\$5,816,710	\$6,393,600

Collection Projects

Department:
Water & Power

Division:
Wastewater

Project Manager:
Chris Matkins

Phone Number:
970.962.3712

Email:
matkic@ci.loveland.co.us

Project Category:
Planning/Construction

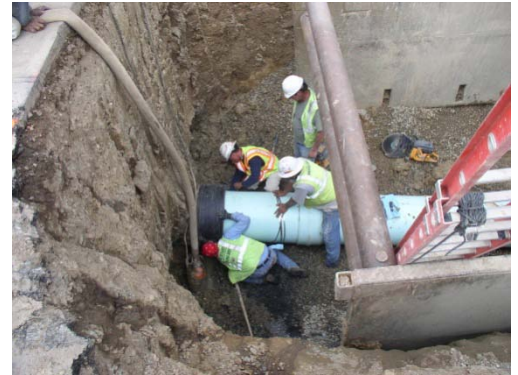
Project Numbers:
Various

Duration:
2012-2021

Total Project Cost:
\$1,362,470

About the Project

These projects have been identified as necessary in order to allow the Wastewater Utility to improve collection of waste and to continue to provide a reliable utility to the City of Loveland customers.



Funding Sources

Revenue	Waste Fund	Waste SIF	Total
Prior	\$0	\$0	\$0
2012	\$139,290	\$36,000	\$175,290
2013	\$142,890	\$36,930	\$179,820
2014	\$146,550	\$37,880	\$184,430
2015	\$32,360	\$38,830	\$71,190
2016	\$33,140	\$39,770	\$72,910
2017	\$33,890	\$40,670	\$74,560
2018	\$34,620	\$41,550	\$76,170
2019	\$35,340	\$42,410	\$77,750
2020	\$36,040	\$43,240	\$79,280
2021	\$36,720	\$334,350	\$371,070
Total	\$670,840	\$691,630	\$1,362,470

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$175,290	\$175,290
2013	\$0	\$179,820	\$179,820
2014	\$0	\$184,430	\$184,430
2015	\$0	\$71,190	\$71,190
2016	\$0	\$72,910	\$72,910
2017	\$0	\$74,560	\$74,560
2018	\$0	\$76,170	\$76,170
2019	\$0	\$77,750	\$77,750
2020	\$0	\$79,280	\$79,280
2021	\$290,290	\$80,780	\$371,070
Total	\$290,290	\$1,072,180	\$1,362,470

Extension and Oversizing Projects

Department:
Water & Power

Division:
Wastewater

Project Manager:
Chris Matkins

Phone Number:
970.962.3712

Email:
matkic@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
Various

Duration:
2012-2021

**Total Project
Cost:
\$557,410**

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	Waste Fund	Waste SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$50,000	\$50,000
2013	\$0	\$51,290	\$51,290
2014	\$0	\$52,600	\$52,600
2015	\$0	\$53,930	\$53,930
2016	\$0	\$55,230	\$55,230
2017	\$0	\$56,490	\$56,490
2018	\$0	\$57,710	\$57,710
2019	\$0	\$58,900	\$58,900
2020	\$0	\$60,060	\$60,060
2021	\$0	\$61,200	\$61,200
Total	\$0	\$557,410	\$557,410

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$50,000	\$50,000
2013	\$0	\$51,290	\$51,290
2014	\$0	\$52,600	\$52,600
2015	\$0	\$53,930	\$53,930
2016	\$0	\$55,230	\$55,230
2017	\$0	\$56,490	\$56,490
2018	\$0	\$57,710	\$57,710
2019	\$0	\$58,900	\$58,900
2020	\$0	\$60,060	\$60,060
2021	\$0	\$61,200	\$61,200
Total	\$0	\$557,410	\$557,410

Fairgrounds/ Namaqua Interceptor Rehab – St. Louis to Lincoln

Department:
Water & Power

Division:
Wastewater

Project Manager:
Chris Matkins

Phone Number:
970.962.3712

Email:
matkic@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
Unknown

Duration:
2014

**Total Project
Cost:
\$545,600**

About the Project

This project consists of rehabilitating approximately 2600 linear feet of 30-inch RCP for the portion of the interceptor located between S Lincoln and S Saint Louis Avenues, which has experienced hydrogen sulfide corrosion. The rehabilitation of the Interceptor will consist of cleaning, videotaping, gasket and tree root cutting, pulling a Cured-In-Place-Pipe (CIPP) liner through the line, and reinstating active services. The



project also includes the rehabilitation of manholes along the Interceptor line. Manhole restoration will depend on the corrosion level and may include removal and replacement or surface preparation and installation of a cured in place sulfide resistant lining.

Funding Sources

Revenue	Waste Fund	Waste SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$545,600	\$0	\$545,600
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$545,600	\$0	\$545,600

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$545,600	\$545,600
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$0	\$545,600	\$545,600

Rehab of Boyd Interceptor (Phases 5-7)

Department:
Water & Power

Division:
Wastewater

Project Manager:
Chris Matkins

Phone Number:
970.962.3712

Email:
matkic@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
Various

Duration:
2019-2021

**Total Project
Cost:
\$2,415,060
Miscellaneous**

About the Project

The project includes the rehabilitation of the Boyd Lake Interceptor Wastewater main. The Interceptor, an existing 24 inch Reinforced Concrete Pipe, has extensive hydrogen sulfide corrosion. The rehabilitation of the Interceptor will consist of cleaning, videotaping, gasket and tree root cutting, pulling a Cured-In-Place-Pipe (CIPP) liner through the line, and reinstating active services. The project also includes the rehabilitation of manholes along the Interceptor line. Manhole restoration will depend on the corrosion level and may include removal and replacement or surface preparation and installation of a cured in place sulfide resistant lining.



Funding Sources

Revenue	Waste Fund	Waste SIF	Total
Prior	\$546,530	\$0	\$546,530
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$610,870	\$0	\$610,870
2020	\$622,940	\$0	\$622,940
2021	\$634,720	\$0	\$634,720
Total	\$2,415,060	\$0	\$2,415,060

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$546,530	\$0	\$546,530
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$610,870	\$610,870
2020	\$0	\$622,940	\$622,940
2021	\$0	\$634,720	\$634,720
Total	\$546,530	\$1,868,530	\$2,415,060

About the Project

Sewer Line Rehabilitation Projects

Department:
Water & Power

Division:
Wastewater

Project Manager:
Chris Matkins

Phone Number:
970.962.3712

Email:
matkic@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
TBD

Duration:
2012-2013

**Total Project
Cost:
\$508,950
Hwy 402 Sewer**

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	Waste Fund	Waste SIF	Total
Prior	\$0	\$0	\$0
2012	\$129,300	\$32,320	\$161,620
2013	\$347,330	\$0	\$347,330
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$476,630	\$32,320	\$508,950

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$50,000	\$111,620	\$161,620
2013	\$0	\$347,330	\$347,330
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$50,000	\$458,950	\$508,950

About the Project

Line

Department:
Water & Power

Division:
Wastewater

Project Manager:
Chris Matkins

Phone Number:
970.962.3712

Email:
matkic@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
TBD

Duration:
2014-2015

**Total Project
Cost:
\$2,917,550
Lift Station**

This project includes the design and construction of a new wastewater main intended 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	Waste Fund	Waste SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$288,580	\$288,580
2015	\$0	\$2,628,970	\$2,628,970
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$0	\$2,917,550	\$2,917,550

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$288,580	\$0	\$288,580
2015	\$0	\$2,628,970	\$2,628,970
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$288,580	\$2,628,970	\$2,917,550

About the Project

Upgrades to the existing lift station will increase pumping capacity to provide adequate

Upgrades

Department:
Water & Power

Division:
Wastewater

Project Manager:
Chris Matkins

Phone Number:
970.962.3712

Email:
matkic@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
TBD

Duration:
2018-2019

**Total Project
Cost:
\$961,860
Boyd Sewer**

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



Funding Sources

Revenue	Waste Fund	Waste SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$159,950	\$159,950
2019	\$0	\$801,910	\$801,910
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$0	\$961,860	\$961,860

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$159,950	\$0	\$159,950
2019	\$0	\$801,910	\$801,910
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$159,950	\$801,910	\$961,860

Line Interceptor Relief

Department:
Water & Power

Division:
Wastewater

Project Manager:
Chris Matkins

Phone Number:
970.962.3712

Email:
matkic@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
TBD

Duration:
2015-2020

**Total Project
Cost:
\$5,285,980
General Plant**

About the Project

A new sewer line needs to be installed parallel to the existing main as it is nearing its capacity. The project is intended to be broken up into three phases; Eisenhower Blvd. to Hoffman Drive, Hoffman Drive to 29th Street, and 29th Street to 37th Street. The alignment has not been specified yet.



Funding Sources

Revenue	Waste Fund	Waste SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$127,540	\$127,540
2016	\$0	\$1,319,330	\$1,319,330
2017	\$0	\$193,450	\$193,450
2018	\$0	\$2,122,270	\$2,122,270
2019	\$0	\$135,740	\$135,740
2020	\$0	\$1,387,650	\$1,387,650
2021	\$0	\$0	\$0
Total	\$0	\$5,285,980	\$5,285,980

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$127,540	\$0	\$127,540
2016	\$0	\$1,319,330	\$1,319,330
2017	\$193,450	\$0	\$193,450
2018	\$0	\$2,122,270	\$2,122,270
2019	\$135,740	\$0	\$135,740
2020	\$0	\$1,387,650	\$1,387,650
2021	\$0	\$0	\$0
Total	\$456,730	\$4,829,250	\$5,285,980

Projects

Department:
Water & Power

Division:
Wastewater

Project Manager:
Steve Adams

Phone Number:
970.962.3559

Email:
adamss@ci.loveland.co.us

Project Category:
Construction

Project Number:
WA930

Duration:
2012-2021

**Total Project
Cost:
\$191,680**

About the Project

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



Funding Sources

Revenue	Waste Fund	Waste SIF	Total
Prior	\$0	\$0	\$0
2012	\$8,000	\$0	\$8,000
2013	\$24,510	\$0	\$24,510
2014	\$14,730	\$0	\$14,730
2015	\$15,910	\$0	\$15,910
2016	\$20,310	\$0	\$20,310
2017	\$20,770	\$0	\$20,770
2018	\$21,220	\$0	\$21,220
2019	\$21,650	\$0	\$21,650
2020	\$22,080	\$0	\$22,080
2021	\$22,500	\$0	\$22,500
Total	\$191,680	\$0	\$191,680

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$8,000	\$8,000
2013	\$0	\$24,510	\$24,510
2014	\$0	\$14,730	\$14,730
2015	\$0	\$15,910	\$15,910
2016	\$0	\$20,310	\$20,310
2017	\$0	\$20,770	\$20,770
2018	\$0	\$21,220	\$21,220
2019	\$0	\$21,650	\$21,650
2020	\$0	\$22,080	\$22,080
2021	\$0	\$22,500	\$22,500
Total	\$0	\$191,680	\$191,680

Water Treatment Plant Projects

Department:
Water & Power

Division:
Water

Project Manager:
John McGee

Phone Number:
970.962.3760

Email:
mcgee@ci.loveland.co.us

Project Category:
Planning/Construction

Project Number:
Various

Duration:
2012-2021

**Total Project
Cost:
\$703,640**

About the Project

Water Treatment Plant projects include a house demolition project, a pump addition and piping improvements to the backwash waste surge basin and SCADA improvements. These projects will improve and expand plant treatment operations and create higher system reliability and efficiency.



Funding Sources

Revenue	Water Fund	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$93,970	\$0	\$93,970
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$95,120	\$0	\$95,120
2017	\$59,040	\$0	\$59,040
2018	\$455,510	\$0	\$455,510
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$703,640	\$0	\$703,640

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$93,970	\$93,970
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$37,810	\$57,310	\$95,120
2017	\$59,040	\$0	\$59,040
2018	\$0	\$455,510	\$455,510
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$96,850	\$606,790	\$703,640

Filter Plant Projects

Department:
Water & Power

Division:
Water

Project Manager:
John McGee

Phone Number:
970.962.3760

Email:
mcgeej@ci.loveland.co.us

Project Category:
Planning/Construction

Project Number:
NA

Duration:
2012-2021

**Total Project
Cost:
\$9,631,150**

About the Project

These projects will involve structural evaluations and rehabilitation of the filter walls, replacement of the filter underdrains and media, and conversion to air scour backwash of all 12 filters in Filter Plant #2. In addition, and 8 MGD filter expansion is planned which will include demolition of Filter Plant #1 and surrounding settling basins

to create room for the addition of an 8 MGD filter building. This will increase the filtration capacity of the Water Treatment Plant to a total of 38 MGD.



Funding Sources

Revenue	Water Fund	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$663,600	\$0	\$663,600
2013	\$809,930	\$0	\$809,930
2014	\$830,670	\$0	\$830,670
2015	\$0	\$3,664,100	\$3,664,100
2016	\$0	\$3,121,350	\$3,121,350
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$541,500	\$541,500
Total	\$2,304,200	\$7,326,950	\$9,631,150

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$663,600	\$663,600
2013	\$0	\$809,930	\$809,930
2014	\$0	\$830,670	\$830,670
2015	\$885,080	\$2,779,020	\$3,664,100
2016	\$275,630	\$2,845,720	\$3,121,350
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$541,500	\$541,500
Total	\$1,160,710	\$8,470,440	\$9,631,150

Solids Dewatering and Handling

Department:
Water & Power

Division:
Water

Project Manager:
John McGee

Phone Number:
970.962.3760

Email:
mcgee@ci.loveland.co.us

Project Category:
Planning/Construction

Project Number:
Various

Duration:
2013-2020

**Total Project
Cost:
\$4,300,120**

About the Project

A phased approach to handling and disposing current and future solids loadings that are created as material (solids) is removed from the raw water during treatment processes. The material is pumped to open/shallow ponds for settling, drying and disposal that eventually follows at the landfill. The solids have to dry out before they can be hauled to the landfill. Due to space and climatic conditions and increased solids loadings, the Water Treatment Plant will be required to enhance dewatering using mechanical/chemical means to meet regulatory and operational needs.



Funding Sources

Revenue	Water Fund	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$560,020	\$560,020
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$306,150	\$306,150
2020	\$0	\$3,433,950	\$3,433,950
2021	\$0	\$0	\$0
Total	\$0	\$4,300,120	\$4,300,120

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$95,710	\$464,310	\$560,020
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$306,150	\$0	\$306,150
2020	\$312,180	\$3,121,770	\$3,433,950
2021	\$0	\$0	\$0
Total	\$714,040	\$3,586,080	\$4,300,120

Cold Water Pumps at Water Treatment Plant

Department:
Water & Power

Division:
Water

Project Manager:
John McGee

Phone Number:
970.962.3760

Email:
mcgeej@ci.loveland.co.us

Project Category:
Planning/Construction

Project Number:
Various

Duration:
2019-2020

**Total Project
Cost:
\$562,780**

About the Project

This project is necessary to replace an aged and outdated cold water pump system at the Water Treatment Plant. The new pump stations will be more energy efficient and meet higher cold water and fire demands. It will also allow for higher disinfection contact time prior to the first customer that receives the water as a drinking source (Water

Treatment Plant is the first customer) and the project will better position the Plant to meet required disinfection contact as demands increase.



Funding Sources

Revenue	Water Fund	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$281,390	\$281,390	\$562,780
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$281,390	\$281,390	\$562,780

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior Years	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$109,850	\$452,930	\$562,780
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$109,850	\$452,930	\$562,780

Floc/Sed Projects at Water Treatment Plant

Department:
Water & Power

Division:
Water

Project Manager:
John McGee

Phone Number:
970.962.3760

Email:
mcgeej@ci.loveland.co.us

Project Category:
Planning/Construction

Project Number:
Various

Duration:
2012-2021

**Total Project
Cost:
\$2,574,240**

About the Project

The Water Treatment Plant will be required to increase flocculation/sedimentation (F/S) capacity as plant demands increase to meet future growth. In addition, existing F/S processes need to be rehabilitated to increase efficiency and reduce short circuiting.



Funding Sources

Revenue	Water Fund	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$50,600	\$12,650	\$63,250
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$41,370	\$0	\$41,370
2016	\$425,670	\$0	\$425,670
2017	\$0	\$109,560	\$109,560
2018	\$0	\$535,200	\$535,200
2019	\$0	\$546,280	\$546,280
2020	\$0	\$0	\$0
2021	\$0	\$852,910	\$852,910
Total	\$517,640	\$2,056,600	\$2,574,240

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$5,000	\$58,250	\$63,250
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$41,370	\$0	\$41,370
2016	\$38,220	\$387,450	\$425,670
2017	\$109,560	\$0	\$109,560
2018	\$51,950	\$483,250	\$535,200
2019	\$53,030	\$493,250	\$546,280
2020	\$0	\$0	\$0
2021	\$147,550	\$705,360	\$852,910
Total	\$446,680	\$2,127,560	\$2,574,240

Chemical Building at Water Treatment Plant

Department:
Water & Power

Division:
Water

Project Manager:
John McGee

Phone Number:
970.962.3760

Email:
mcgeej@ci.loveland.co.us

Project Category:
Planning/Construction

Project Number:
Various

Duration:
2017-2019

Total Project Cost:
\$8,869,920

About the Project

In 2011, a preliminary design and assessment was conducted by CH2M Hill to identify current chemical feed deficiencies and future chemical feed needs for the treatment processes at the Water Treatment Plant. The design report indicates that the Plant is currently deficient in chemical storage capacity, ventilation in existing chemical areas, system controls, and room for expansion within existing chemical buildings. In addition, the current disinfection system uses chlorine gas, which has been a target as a security and safety risk by Homeland Security. It is likely the Plant will be required to switch to disinfection systems that are less of a security and safety risk.

It is proposed to construct a new chemical building for alum, polymer, fluoride, on-site generation of sodium hypochlorite and chlorine dioxide and storage to meet current and future water treatment requirements.



Funding Sources

Revenue	Water Fund	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$375,845	\$375,845	\$751,690
2018	\$2,012,100	\$2,012,100	\$4,024,200
2019	\$2,047,015	\$2,047,015	\$4,094,030
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$4,434,960	\$4,434,960	\$8,869,920

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$751,680	\$0	\$751,680
2018	\$381,010	\$3,643,190	\$4,024,200
2019	\$375,420	\$3,718,620	\$4,094,040
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$1,508,110	\$7,361,810	\$8,869,920

Electrical Feed Improvements at Water Treatment Plant

Department:
Water & Power

Division:
Water

Project Manager:
John McGee

Phone Number:
970.962.3760

Email:
mcgeej@ci.loveland.co.us

Project Category:
Planning/Construction

Project Number:
Various

Duration:
2015-2016

Total Project Cost:
\$1,112,890

About the Project

Secondary electrical improvements at the Water Treatment Plant will be required to replace aged and outdated switchgear and increase motor control capacity for future plant demands.



Funding Sources

Revenue	Water Fund	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$179,140	\$417,980	\$597,120
2016	\$154,730	\$361,040	\$515,770
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$333,870	\$779,020	\$1,112,890

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$141,790	\$455,330	\$597,120
2016	\$49,510	\$466,260	\$515,770
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$191,300	\$921,590	\$1,112,890

Miscellaneous Transmission & Distribution Projects

Department:
Water & Power

Division:
Water

Project Manager:
Chris Matkins

Phone Number:
970.962.3712

Email:
matkic@ci.loveland.co.us

Project Category:
Planning

Project Numbers:
NA

Duration:
2012-2021

**Total Project
Cost:
\$1,496,280**

About the Project

These projects have been identified as necessary in order to allow the Water Utility to improve transmission and distribution of water and to continue to provide a reliable utility to the City of Loveland customers.



Funding Sources

Revenue	Water Fund	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$61,000	\$36,100	\$97,100
2013	\$62,570	\$37,030	\$99,600
2014	\$64,170	\$37,980	\$102,150
2015	\$130,090	\$38,940	\$169,030
2016	\$67,380	\$39,870	\$107,250
2017	\$418,430	\$40,780	\$459,210
2018	\$70,400	\$41,660	\$112,060
2019	\$71,860	\$42,530	\$114,390
2020	\$73,280	\$43,370	\$116,650
2021	\$74,660	\$44,180	\$118,840
Total	\$1,093,840	\$402,440	\$1,496,280

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$97,100	\$97,100
2013	\$0	\$99,600	\$99,600
2014	\$0	\$102,150	\$102,150
2015	\$0	\$169,030	\$169,030
2016	\$0	\$107,250	\$107,250
2017	\$349,520	\$109,690	\$459,210
2018	\$0	\$112,060	\$112,060
2019	\$0	\$114,390	\$114,390
2020	\$0	\$116,650	\$116,650
2021	\$0	\$118,840	\$118,840
Total	\$349,520	\$1,146,760	\$1,496,280

Water Line Replacements

Department:
Water & Power

Division:
Water

Project Manager:
Chris Matkins

Phone Number:
970.962.3712

Email:
matkic@ci.loveland.co.us

Project Category:
Planning/Construction

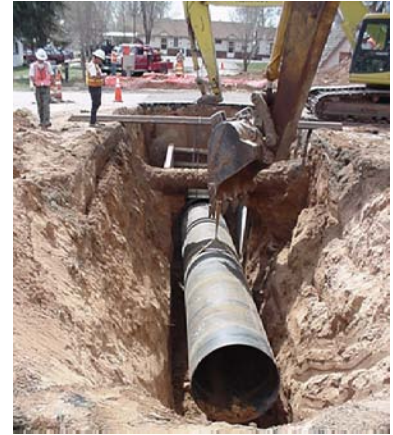
Project Number:
Various

Duration:
2012-2020

Total Project Cost:
\$8,293,250

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	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$16,500	\$0	\$16,500
2013	\$961,010	\$0	\$961,010
2014	\$695,650	\$0	\$695,650
2015	\$260,390	\$0	\$260,390
2016	\$647,620	\$0	\$647,620
2017	\$1,402,260	\$0	\$1,402,260
2018	\$0	\$0	\$0
2019	\$1,593,690	\$0	\$1,593,690
2020	\$2,716,130	\$0	\$2,716,130
2021	\$0	\$0	\$0
Total	\$8,293,250	\$0	\$8,293,250

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$16,500	\$0	\$16,500
2013	\$200,900	\$760,110	\$961,010
2014	\$129,200	\$566,450	\$695,650
2015	\$129,130	\$131,260	\$260,390
2016	\$66,500	\$581,120	\$647,620
2017	\$0	\$1,402,260	\$1,402,260
2018	\$0	\$0	\$0
2019	\$138,470	\$1,455,220	\$1,593,690
2020	\$132,770	\$2,583,360	\$2,716,130
2021	\$0	\$0	\$0
Total	\$813,470	\$7,479,780	\$8,293,250

Extension and Oversizing Projects

Department:
Water & Power

Division:
Water

Project Manager:
Chris Matkins

Phone Number:
970.962.3712

Email:
matkic@ci.loveland.co.us

Project Category:
Planning/Construction

Project Numbers:
Various

Duration:
2011-2020

**Total Project
Cost:
\$2,294,520**

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	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$50,000	\$50,000
2013	\$123,760	\$92,550	\$216,310
2014	\$257,460	\$138,420	\$395,880
2015	\$0	\$53,930	\$53,930
2016	\$0	\$55,230	\$55,230
2017	\$0	\$159,430	\$159,430
2018	\$0	\$408,840	\$408,840
2019	\$0	\$58,900	\$58,900
2020	\$0	\$60,060	\$60,060
2021	\$0	\$835,940	\$835,940
Total	\$381,220	\$1,913,300	\$2,294,520

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$50,000	\$50,000
2013	\$165,020	\$51,290	\$216,310
2014	\$105,210	\$290,670	\$395,880
2015	\$0	\$53,930	\$53,930
2016	\$0	\$55,230	\$55,230
2017	\$102,940	\$56,490	\$159,430
2018	\$65,020	\$343,820	\$408,840
2019	\$0	\$58,900	\$58,900
2020	\$0	\$60,060	\$60,060
2021	\$0	\$835,940	\$835,940
Total	\$438,190	\$1,856,330	\$2,294,520

Morning Dr. Alternate 30'' Water Line

Department:
Water & Power

Division:
Water

Project Manager:
Chris Matkins

Phone Number:
970.962.3712

Email:
matkic@ci.loveland.co.us

Project Category:
Planning/Construction

Project Number:
Various

Duration:
2012, 2019-2020

**Total Project
Cost:
\$4,764,220**

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	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$319,080	\$957,230	\$1,276,310
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$57,990	\$231,960	\$289,950
2020	\$639,590	\$2,558,370	\$3,197,960
2021	\$0	\$0	\$0
Total	\$1,016,660	\$3,747,560	\$4,764,220

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$501,310	\$775,000	\$1,276,310
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$289,950	\$0	\$289,950
2020	\$315,110	\$2,882,850	\$3,197,960
2021	\$0	\$0	\$0
Total	\$1,106,370	\$3,657,850	\$4,764,220

Morning Dr. Pump Station upgrade

Department:
Water & Power

Division:
Water

Project Manager:
Chris Matkins

Phone Number:
970.962.3712

Email:
matkic@ci.loveland.co.us

Project Category:
Planning/Construction

Project Number:
Various

Duration:
2019-2020

**Total Project
Cost:
\$1,226,550**

About the Project

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



Funding Sources

Revenue	Water Fund	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$216,030	\$216,030
2020	\$0	\$1,010,520	\$1,010,520
2021	\$0	\$0	\$0
Total	\$0	\$1,226,550	\$1,226,550

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$216,030	\$0	\$216,030
2020	\$165,720	\$844,800	\$1,010,520
2021	\$0	\$0	\$0
Total	\$381,750	\$844,800	\$1,226,550

Tank Projects

Department:
Water & Power

Division:
Water

Project Manager:
Chris Matkins

Phone Number:
970.962.3712

Email:
matkic@ci.loveland.co.us

Project Category:
Planning/Construction

Project Number:
Various

Duration:
2013-2018

**Total Project
Cost:
\$12,118,720**

About the Project

As the City's population grows, the need for water storage also grows. These projects will provide water storage to supply adequate water and fire service for future population growth. One project is a proposed 5 million gallon tank that will be in addition to the existing 4 million gallon above grade steel tank at the west end of 29th Street in Northwest Loveland. Another project is a proposed 3.5 million gallon tank that will be in addition to the existing tank on 43rd Street.



Funding Sources

Revenue	Water Fund	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$85,670	\$342,660	\$428,330
2014	\$565,020	\$2,260,090	\$2,825,110
2015	\$579,320	\$2,317,260	\$2,896,580
2016	\$0	\$0	\$0
2017	\$64,700	\$258,780	\$323,480
2018	\$1,129,040	\$4,516,180	\$5,645,220
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$2,423,750	\$9,694,970	\$12,118,720

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$428,330	\$0	\$428,330
2014	\$162,940	\$2,662,170	\$2,825,110
2015	\$167,060	\$2,729,520	\$2,896,580
2016	\$0	\$0	\$0
2017	\$323,480	\$0	\$323,480
2018	\$443,110	\$5,202,110	\$5,645,220
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$1,524,920	\$10,593,800	\$12,118,720

East Gravity Zone – Mountain View Discharge

Department:
Water & Power

Division:
Water

Project Manager:
Chris Matkins

Phone Number:
970.962.3712

Email:
matkic@ci.loveland.co.us

Project Category:
Planning/Construction

Project Number:
Various

Duration:
2020-2021

**Total Project
Cost:
\$669,230**

About the Project

The project consists of the installation of a parallel 16-inch line, connecting the discharge line of the new Mountain View booster station with a recently installed 24-inch waterline to the north. This project will also include provisions for a large-diameter bore and casing pipe under Highway 34. The proposed line is required to maintain adequate system pressure on the east side of the City.



Funding Sources

Revenue	Water Fund	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$16,190	\$145,680	\$161,870
2021	\$50,740	\$456,620	\$507,360
Total	\$66,930	\$602,300	\$669,230

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016	\$0	\$0	\$0
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$161,870	\$0	\$161,870
2021	\$109,750	\$397,610	\$507,360
Total	\$271,620	\$397,610	\$669,230

Misc. Water General Plant Projects

Department:
Water & Power

Division:
Water

Project Manager:
Chris Matkins

Phone Number:
970.962.3712

Email:
matkic@ci.loveland.co.us

Project Category:
Construction

Project Number:
WA930

Duration:
2011-2020

**Total Project
Cost:
\$321,250**

About the Project

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



Funding Sources

Revenue	Water Fund	Water SIF	Total
Prior	\$0	\$0	\$0
2012	\$32,000	\$0	\$32,000
2013	\$21,910	\$0	\$21,910
2014	\$14,730	\$0	\$14,730
2015	\$48,270	\$0	\$48,270
2016	\$32,280	\$0	\$32,280
2017	\$33,020	\$0	\$33,020
2018	\$33,730	\$0	\$33,730
2019	\$34,430	\$0	\$34,430
2020	\$35,110	\$0	\$35,110
2021	\$35,770	\$0	\$35,770
Total	\$321,250	\$0	\$321,250

Project Cost Estimates By Year

Elements	Planning	Construction	Total
Prior	\$0	\$0	\$0
2012	\$0	\$32,000	\$32,000
2013	\$0	\$21,910	\$21,910
2014	\$0	\$14,730	\$14,730
2015	\$0	\$48,270	\$48,270
2016	\$0	\$32,280	\$32,280
2017	\$0	\$33,020	\$33,020
2018	\$0	\$33,730	\$33,730
2019	\$0	\$34,430	\$34,430
2020	\$0	\$35,110	\$35,110
2021	\$0	\$35,770	\$35,770
Total	\$0	\$321,250	\$321,250