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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.

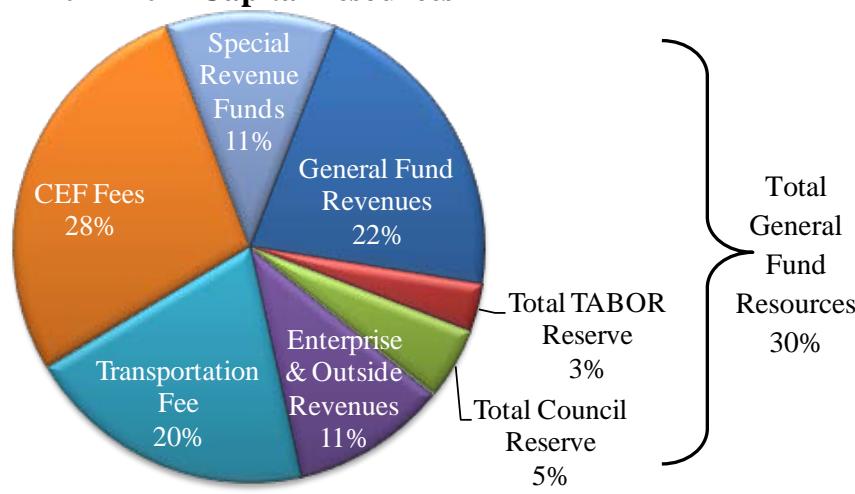
## Revenues

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.

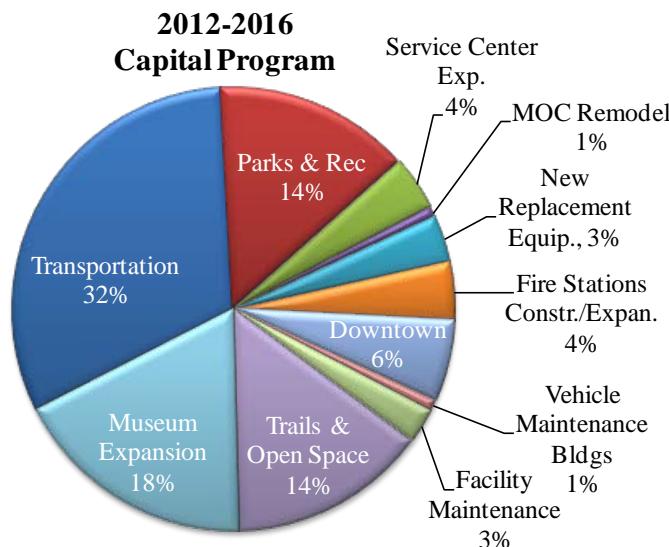
The allocation of funding by project type over the first five years of the recommended program is shown in the pie chart. It demonstrates the Council commitment to transportation with street construction and maintenance being nearly one-third of the total resources allocated in the program.

### **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 22<sup>nd</sup> 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 (CEF) 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**

|                             | <b>2012</b>          | <b>2013</b>          | <b>2014</b>          | <b>2015</b>          | <b>2016</b>          | <b>Five Year Total</b> |
|-----------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|
| 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              |
| <b>Total Expense</b>        | <b>\$ 32,777,990</b> | <b>\$ 26,086,730</b> | <b>\$ 62,388,760</b> | <b>\$ 33,419,670</b> | <b>\$ 29,922,520</b> | <b>\$184,595,670</b>   |

|                      |                      |                      |                      |                      | Ten Year             |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 2017                 | 2018                 | 2019                 | 2020                 | 2021                 | 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            |
| <b>\$ 24,605,340</b> | <b>\$ 27,835,380</b> | <b>\$ 23,434,900</b> | <b>\$ 32,518,880</b> | <b>\$ 23,581,610</b> | <b>\$316,571,780</b> |

**2012-2021 General Fund Agencies Recommended Capital Program**

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

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<br>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 | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   |
| <b>Total Resources</b>                        | <b>\$ 3,126,650</b> | <b>\$ 4,159,910</b> | <b>\$ 5,128,240</b> | <b>\$ 1,917,250</b> | <b>\$ 2,474,320</b> | <b>\$ 6,304,910</b> | <b>\$ 5,285,630</b> | <b>\$ 1,690,910</b> | <b>\$ 1,046,300</b> |

### 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           | -                   | -                   | -                   | -                   | -                   | -                 |
| <b>Total 2012 Project Costs</b>                              | <b>\$ 3,126,650</b> | <b>\$ 788,720</b>   | <b>\$ 1,100,000</b> | <b>\$ 1,917,250</b> | <b>\$ 1,095,090</b> | <b>\$ 5,800,000</b> | <b>\$ 250,000</b>   | <b>-</b>            | <b>\$ 164,460</b> |
| <b>Ending Balance</b>  | <b>-</b>            | <b>\$ 3,371,190</b> | <b>\$ 4,028,240</b> | <b>-</b>            | <b>\$ 1,379,230</b> | <b>\$ 504,910</b>   | <b>\$ 5,035,630</b> | <b>\$ 1,690,910</b> | <b>\$ 881,840</b> |

| 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 | -                   | -                   | -                   | -                   | -                   | -                 | -                   | -                   | -                 |
| <b>Total Resources</b>                        | <b>\$ 2,282,950</b> | <b>\$ 3,371,190</b> | <b>\$ 4,164,830</b> | <b>\$ 2,252,550</b> | <b>\$ 2,213,620</b> | <b>\$ 983,740</b> | <b>\$ 5,743,850</b> | <b>\$ 1,836,320</b> | <b>\$ 970,860</b> |

### 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           | -                   | -                 | -                   | -                   | -                 |
| <b>Total 2013 Project Costs</b>                                      | <b>\$ 2,282,950</b> | <b>\$ 430,360</b>   | <b>\$ 1,000,000</b> | <b>\$ 2,252,550</b> | <b>\$ 902,360</b>   | <b>\$ 168,000</b> | <b>-</b>            | <b>\$ 450,000</b>   | <b>\$ 200,000</b> |
| <b>Ending Balance</b>  | <b>-</b>            | <b>\$ 2,940,830</b> | <b>\$ 3,164,830</b> | <b>-</b>            | <b>\$ 1,311,260</b> | <b>\$ 815,740</b> | <b>\$ 5,743,850</b> | <b>\$ 1,386,320</b> | <b>\$ 770,860</b> |

| Gen. Govt.<br>CEF | Fire CEF     | Police CEF   | Library CEF | CS CEF       | Conservation<br>Trust Fund | Park<br>Improvement | Open Lands<br>Tax | Outside<br>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<br>Trust Fund | Park<br>Improvement | Open Lands<br>Tax | Outside<br>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 | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                 |
| <b>Total Resources</b>                        | <b>\$ 3,846,750</b> | <b>\$ 2,940,830</b> | <b>\$ 3,275,450</b> | <b>\$ 2,320,130</b> | <b>\$ 2,165,650</b> | <b>\$ 1,315,110</b> | <b>\$ 6,537,470</b> | <b>\$ 1,537,790</b> | <b>\$ 864,540</b> |

### 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           | -                   | -                   | -                   | -                   | -                 |
| <b>Total 2014 Project Costs</b>  | <b>\$ 3,546,750</b> | <b>\$ 394,100</b>   | <b>\$ 1,000,000</b> | <b>\$ 2,320,130</b> | <b>\$ 893,900</b>   | <b>\$ 150,000</b>   | <b>-</b>            | <b>-</b>            | <b>-</b>          |
| <b>Ending Balance</b>  | <b>\$ 300,000</b>   | <b>\$ 2,546,730</b> | <b>\$ 2,275,450</b> | <b>-</b>            | <b>\$ 1,271,750</b> | <b>\$ 1,165,110</b> | <b>\$ 6,537,470</b> | <b>\$ 1,537,790</b> | <b>\$ 864,540</b> |

| 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 | -                   | -                   | -                   | -                | -                   | -                   | -                   | -                   | -                 |
| <b>Total Resources</b>                        | <b>\$ 2,568,160</b> | <b>\$ 2,546,730</b> | <b>\$ 2,393,550</b> | <b>2,389,730</b> | <b>\$ 2,156,080</b> | <b>\$ 1,688,950</b> | <b>\$ 7,404,830</b> | <b>\$ 1,703,200</b> | <b>\$ 966,450</b> |

### 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           | -                   | -                   | -                   | -                   | -                 |
| <b>Total 2015 Project Costs</b>  | <b>\$ 2,568,160</b> | <b>\$ 359,000</b>   | <b>\$ 1,000,000</b> | <b>\$ 2,389,730</b> | <b>\$ 899,000</b>   | <b>\$ 1,400,000</b> | <b>\$ 800,000</b>   | <b>-</b>            | <b>\$ 475,230</b> |
| <b>Ending Balance</b>  | <b>-</b>            | <b>\$ 2,187,730</b> | <b>\$ 1,393,550</b> | <b>-</b>            | <b>\$ 1,257,080</b> | <b>\$ 288,950</b>   | <b>\$ 6,604,830</b> | <b>\$ 1,703,200</b> | <b>\$ 491,220</b> |

| 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     |
| \$ 4,560,830 | -            | -            | \$ 77,760  | \$ 405,100 | \$ 500,000   | \$ 1,650,000 | \$ 12,176,390 | \$ 27,674,960 | 3,866,880     |
| \$ 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     |
| -              | -            | -            | -           | -         | (202,630)               | -                | (258,830)      | -               | 2,389,730     |
| -              | -            | -            | -           | -         | -                       | -                | -              | -               | (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     |
| -            | -            | -            | -          | -         | -            | -            | -            | -          | 3,982,890     |
| \$ 2,186,440 | \$ 4,796,610 | \$ 4,700,690 | \$ 651,690 | \$ 79,320 | \$ 331,730   | \$ 79,000    | \$ 1,650,000 | \$ 200,000 | \$ 12,151,850 |
| -            | -            | -            | -          | -         | \$ 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 | -                   | -                   | -                   | -                   | -                   | -                 | -                   | -                   | -                 |
| <b>Total Resources</b>                        | <b>\$ 3,306,680</b> | <b>\$ 2,187,730</b> | <b>\$ 2,772,520</b> | <b>\$ 2,461,430</b> | <b>\$ 2,168,820</b> | <b>\$ 796,450</b> | <b>\$ 7,500,550</b> | <b>\$ 1,879,620</b> | <b>\$ 584,120</b> |

### 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           | -                   | -                 | -                   | -                   | -                 |
| <b>Total 2016 Project Costs</b>                              | <b>\$ 3,306,680</b> | <b>\$ 389,000</b>   | <b>\$ 1,000,000</b> | <b>\$ 2,461,430</b> | <b>\$ 901,000</b>   | <b>\$ 250,000</b> | <b>-</b>            | <b>\$ 500,000</b>   | <b>-</b>          |
| <b>Ending Balance</b>  | <b>-</b>            | <b>\$ 1,798,730</b> | <b>\$ 1,772,520</b> | <b>-</b>            | <b>\$ 1,267,820</b> | <b>\$ 546,450</b> | <b>\$ 7,500,550</b> | <b>\$ 1,379,620</b> | <b>\$ 584,120</b> |

| 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 | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                 |
| <b>Total Resources</b>                        | <b>\$ 1,690,180</b> | <b>\$ 1,798,730</b> | <b>\$ 4,338,950</b> | <b>\$ 2,535,270</b> | <b>\$ 2,211,100</b> | <b>\$ 1,075,090</b> | <b>\$ 8,026,920</b> | <b>\$ 1,553,400</b> | <b>\$ 684,030</b> |

### 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           | -                   | -                   | -                   | -                   | -                 |
| <b>Total 2017 Project Costs</b>                              | <b>\$ 2,190,180</b> | <b>\$ 363,000</b>   | <b>\$ 1,000,000</b> | <b>\$ 2,535,270</b> | <b>\$ 899,400</b>   | <b>-</b>            | <b>-</b>            | <b>-</b>            | <b>-</b>          |
| <b>Ending Balance</b>  | <b>\$ (500,000)</b> | <b>\$ 1,435,730</b> | <b>\$ 3,338,950</b> | <b>-</b>            | <b>\$ 1,311,700</b> | <b>\$ 1,075,090</b> | <b>\$ 8,026,920</b> | <b>\$ 1,553,400</b> | <b>\$ 684,030</b> |

| 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 |               |
| \$ 2,450,120 | \$ 5,765,120 | \$ 4,964,310 | \$ 773,750 | \$ 162,930 | \$ 2,501,890 | \$ 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 | \$ 2,877,400 | \$ 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     |
| \$ 2,738,050 | \$ 6,142,390 | \$ 5,259,750 | \$ 905,040 | \$ 251,650 | \$ 2,877,400 | \$ 1,609,710 | \$ 4,783,541 | - | \$ 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 | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                 |
| <b>Total Resources</b>                        | <b>\$ 1,740,880</b> | <b>\$ 1,435,730</b> | <b>\$ 6,012,240</b> | <b>\$ 2,611,330</b> | <b>\$ 2,291,360</b> | <b>\$ 1,639,910</b> | <b>\$ 8,625,910</b> | <b>\$ 1,745,380</b> | <b>\$ 793,310</b> |

### 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           | -                   | -                   | -                   | -                   | -                 |
| <b>Total 2018 Project Costs</b>                              | <b>\$ 2,240,880</b> | <b>\$ 351,000</b>   | <b>-</b>            | <b>\$ 2,611,330</b> | <b>\$ 949,000</b>   | <b>-</b>            | <b>-</b>            | <b>-</b>            | <b>-</b>          |
| <b>Ending Balance</b>  | <b>\$ (500,000)</b> | <b>\$ 1,084,730</b> | <b>\$ 6,012,240</b> | <b>\$ -</b>         | <b>\$ 1,342,360</b> | <b>\$ 1,639,910</b> | <b>\$ 8,625,910</b> | <b>\$ 1,745,380</b> | <b>\$ 793,310</b> |

| 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 | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                 |
| <b>Total Resources</b>                        | <b>\$ 1,793,110</b> | <b>\$ 1,084,730</b> | <b>\$ 8,796,820</b> | <b>\$ 2,689,670</b> | <b>\$ 2,355,070</b> | <b>\$ 2,244,310</b> | <b>\$ 9,281,610</b> | <b>\$ 1,953,350</b> | <b>\$ 911,270</b> |

### 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           | -                   | -                   | -                   | -                   | -                 |
| <b>Total 2019 Project Costs</b>                              | <b>\$ 2,293,110</b> | <b>\$ 389,000</b> | <b>-</b>            | <b>\$ 2,689,670</b> | <b>\$ 1,001,000</b> | <b>\$ 300,000</b>   | <b>-</b>            | <b>\$ 500,000</b>   | <b>-</b>          |
| <b>Ending Balance</b>  | <b>\$ (500,000)</b> | <b>\$ 695,730</b> | <b>\$ 8,796,820</b> | <b>\$ -</b>         | <b>\$ 1,354,070</b> | <b>\$ 1,944,310</b> | <b>\$ 9,281,610</b> | <b>\$ 1,453,350</b> | <b>\$ 911,270</b> |

| 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     |
| \$ 3,058,990 | \$ 6,575,390 | \$ 5,601,030 | \$ 1,048,670 | \$ 346,810 | \$ 3,276,470 | \$ 1,722,140 | \$ 6,067,511 | - | \$ 6,152,210  |
| -            | -            | -            | -            | -          | -            | -            | -            | - | \$ 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     |
| -              | -            | -            | -            | -          | (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     |
| \$ 3,409,000 | \$ 7,051,810 | \$ 5,977,240 | \$ 1,203,710 | \$ 448,790 | \$ 3,698,230 | \$ 1,854,290 | \$ 6,049,171 | - | \$ 7,172,780  |
| -            | -            | -            | -            | -          | -            | -            | -            | - | \$ 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 | -                   | -                 | -                    | -                   | -                   | -                   | -                   | -                   | -                   |
| <b>Total Resources</b>                        | <b>\$ 1,846,890</b> | <b>\$ 695,730</b> | <b>\$ 11,697,650</b> | <b>\$ 2,770,330</b> | <b>\$ 2,397,200</b> | <b>\$ 2,575,230</b> | <b>\$ 9,981,940</b> | <b>\$ 1,651,890</b> | <b>\$ 1,037,200</b> |

### 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           | -                   | -                   | -                   | -                   | -                   |
| <b>Total 2020 Project Costs</b>                              | <b>\$ 2,346,890</b> | <b>\$ 373,000</b> | <b>-</b>             | <b>\$ 2,770,330</b> | <b>\$ 1,101,000</b> | <b>\$ 2,250,000</b> | <b>\$ 450,000</b>   | <b>-</b>            | <b>-</b>            |
| <b>Ending Balance</b>  | <b>\$ (500,000)</b> | <b>\$ 322,730</b> | <b>\$ 11,697,650</b> | <b>-</b>            | <b>\$ 1,296,200</b> | <b>\$ 325,230</b>   | <b>\$ 9,531,940</b> | <b>\$ 1,651,890</b> | <b>\$ 1,037,200</b> |

| 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 | -                   | -                 | -                    | -                   | -                   | -                 | -                    | -                   | -                   |
| <b>Total Resources</b>                        | <b>\$ 2,667,370</b> | <b>\$ 322,730</b> | <b>\$ 14,688,430</b> | <b>\$ 2,853,440</b> | <b>\$ 2,367,290</b> | <b>\$ 891,170</b> | <b>\$ 10,258,840</b> | <b>\$ 1,815,940</b> | <b>\$ 1,219,820</b> |

### 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           | -                   | -                 | -                    | -                   | -                   |
| <b>Total 2021 Project Costs</b>                              | <b>\$ 3,167,370</b> | <b>\$ 322,730</b> | <b>-</b>             | <b>\$ 2,853,440</b> | <b>\$ 1,246,200</b> | <b>-</b>          | <b>-</b>             | <b>-</b>            | <b>-</b>            |
| <b>Ending Balance</b>  | <b>\$ (500,000)</b> | <b>-</b>          | <b>\$ 14,688,430</b> | <b>-</b>            | <b>\$ 1,121,090</b> | <b>\$ 891,170</b> | <b>\$ 10,258,840</b> | <b>\$ 1,815,940</b> | <b>\$ 1,219,820</b> |

**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     |
| \$ 3,784,800 | \$ 7,562,420 | \$ 6,380,290 | \$ 1,369,220 | \$ 557,630 | \$ 4,135,080 | \$ 1,994,370 | \$ 6,025,621 | - | \$ 9,291,220  |
| -            | -            | -            | -            | -          | -            | -            | -            | - | \$ 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     |
| \$ 4,151,020 | \$ 8,051,200 | \$ 6,797,660 | \$ 1,524,450 | \$ 806,450 | \$ 4,588,300 | \$ 2,143,030 | \$ 5,996,211 | - | \$ 7,589,740  |
| -            | -            | -            | -            | -          | -            | -            | -            | - | \$ 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**

|  | <b>2012</b>       | <b>2013</b>       | <b>2014</b>       | <b>2015</b>       | <b>2016</b>       | <b>Five Year Total</b> |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|------------------------|
| <b>Revenue</b>                                     |                   |                   |                   |                   |                   |                        |
| 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              |
| <b>Total Revenue</b>                               | <b>19,457,928</b> | <b>19,086,878</b> | <b>19,820,238</b> | <b>20,374,872</b> | <b>18,002,459</b> | <b>41,218,749</b>      |
| <b>Expense</b>                                     |                   |                   |                   |                   |                   |                        |
| 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              |
| <b>Total Expense</b>                               | <b>6,109,810</b>  | <b>4,507,470</b>  | <b>4,733,650</b>  | <b>7,865,360</b>  | <b>8,173,970</b>  | <b>31,390,260</b>      |
| <b>Reserve for Capital Projects</b>                | <b>13,348,118</b> | <b>14,579,408</b> | <b>15,086,588</b> | <b>12,509,512</b> | <b>9,828,489</b>  | <b>9,828,489</b>       |

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

|                                       | <b>2012</b>       | <b>2013</b>       | <b>2014</b>       | <b>2015</b>      | <b>2016</b>       | <b>Five Year Total</b> |
|---------------------------------------|-------------------|-------------------|-------------------|------------------|-------------------|------------------------|
| <b>Revenue</b>                        |                   |                   |                   |                  |                   |                        |
| 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              |
| <b>Total Revenue</b>                  | <b>22,028,720</b> | <b>23,014,530</b> | <b>24,034,310</b> | <b>4,303,200</b> | <b>24,106,140</b> | <b>28,546,520</b>      |
| <b>Expense</b>                        |                   |                   |                   |                  |                   |                        |
| 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                  | -                 | -                 | -                 | -                | -                 | -                      |
| <b>Total Expense</b>                  | <b>820,110</b>    | <b>582,710</b>    | <b>21,166,180</b> | <b>500,000</b>   | <b>572,300</b>    | <b>23,641,300</b>      |
| <b>Reserve for Capital Projects</b>   | <b>21,208,610</b> | <b>22,431,820</b> | <b>2,868,130</b>  | <b>3,803,200</b> | <b>23,533,840</b> | <b>4,905,220</b>       |

| 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        |                |
| <b>15,587,046</b> | <b>15,743,753</b> | <b>16,191,917</b> | <b>16,937,878</b> | <b>16,909,468</b> | <b>71,645,637</b> |                |
|                   |                   |                   |                   |                   |                   |                |
| 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          |
| <b>5,468,240</b>  | <b>5,038,530</b>  | <b>5,729,750</b>  | <b>5,304,240</b>  | <b>6,337,760</b>  | <b>59,268,780</b> |                |
| <b>10,118,806</b> | <b>10,705,223</b> | <b>10,462,167</b> | <b>11,633,638</b> | <b>10,571,708</b> | <b>12,376,857</b> |                |

| 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        |                |
| <b>5,751,460</b> | <b>7,528,920</b> | <b>10,281,840</b> | <b>11,597,490</b> | <b>14,473,950</b> | <b>42,377,930</b> |                |
|                  |                  |                   |                   |                   |                   |                |
| -                | -                | -                 | -                 | -                 | 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          |
| <b>500,000</b>   | <b>500,000</b>   | <b>1,660,660</b>  | <b>500,000</b>    | <b>500,000</b>    | <b>27,301,960</b> |                |
| <b>5,251,460</b> | <b>7,028,920</b> | <b>8,621,180</b>  | <b>11,097,490</b> | <b>13,973,950</b> | <b>15,075,970</b> |                |

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

|  | <b>2012</b>      | <b>2013</b>      | <b>2014</b>      | <b>2015</b>      | <b>2016</b>      | <b>Five Year<br/>Total</b> |
|--|------------------|------------------|------------------|------------------|------------------|----------------------------|
| <b>Revenue</b>                         |                  |                  |                  |                  |                  |                            |
| 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                  |
| <b>Total Revenue</b>                   | <b>4,437,896</b> | <b>4,760,196</b> | <b>4,622,356</b> | <b>3,044,256</b> | <b>3,340,096</b> | <b>10,697,896</b>          |
| <b>Expense</b>                         |                  |                  |                  |                  |                  |                            |
| 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                  |
| <b>Total Expense</b>                   | <b>2,065,000</b> | <b>1,945,000</b> | <b>2,440,800</b> | <b>907,000</b>   | <b>1,238,400</b> | <b>8,596,200</b>           |
| <b>Reserve for Capital Projects</b>    | <b>2,372,896</b> | <b>2,815,196</b> | <b>2,181,556</b> | <b>2,137,256</b> | <b>2,101,696</b> | <b>2,101,696</b>           |

| 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         |                |
| <b>2,890,416</b> | <b>3,367,186</b> | <b>5,104,686</b> | <b>2,651,676</b> | <b>5,070,176</b> | <b>28,889,976</b> |                |
|                  |                  |                  |                  |                  |                   |                |
| 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          |
| <b>815,000</b>   | <b>1,308,200</b> | <b>3,639,700</b> | <b>1,200,750</b> | <b>3,622,250</b> | <b>19,182,100</b> |                |
| <b>2,075,416</b> | <b>2,058,986</b> | <b>1,464,986</b> | <b>1,450,926</b> | <b>1,447,926</b> | <b>9,707,876</b>  |                |

**Wastewater Enterprise  
2012-2021 Capital Program**

|                                     | <b>2012</b>      | <b>2013</b>       | <b>2014</b>       | <b>2015</b>       | <b>2016</b>       | <b>Five Year<br/>Total</b> |
|-------------------------------------|------------------|-------------------|-------------------|-------------------|-------------------|----------------------------|
| <b>Revenue</b>                      |                  |                   |                   |                   |                   |                            |
| 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                  |
| <b>Total Revenue</b>                | <b>8,795,550</b> | <b>10,107,390</b> | <b>12,790,029</b> | <b>14,467,309</b> | <b>13,010,429</b> | <b>20,997,189</b>          |
| <b>Expense</b>                      |                  |                   |                   |                   |                   |                            |
| 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                     |
| <b>Total Expense</b>                | <b>849,850</b>   | <b>724,770</b>    | <b>1,508,980</b>  | <b>4,903,160</b>  | <b>4,699,100</b>  | <b>12,685,860</b>          |
| <b>Reserve for Capital Projects</b> | <b>7,945,700</b> | <b>9,382,620</b>  | <b>11,281,049</b> | <b>9,564,149</b>  | <b>8,311,329</b>  | <b>8,311,329</b>           |

**Water Enterprise  
2012-2021 Capital Program**

|                                     | <b>2012</b>       | <b>2013</b>       | <b>2014</b>       | <b>2015</b>       | <b>2016</b>      | <b>Five Year<br/>Total</b> |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|------------------|----------------------------|
| <b>Revenue</b>                      |                   |                   |                   |                   |                  |                            |
| 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                  |
| <b>Total Revenue</b>                | <b>11,947,020</b> | <b>12,720,980</b> | <b>13,280,620</b> | <b>10,687,390</b> | <b>6,036,780</b> | <b>23,225,890</b>          |
| <b>Expense</b>                      |                   |                   |                   |                   |                  |                            |
| 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                    |
| <b>Total Expense</b>                | <b>2,135,510</b>  | <b>3,097,110</b>  | <b>4,864,190</b>  | <b>7,092,300</b>  | <b>3,963,730</b> | <b>21,152,840</b>          |
| <b>Reserve for Capital Projects</b> | <b>9,811,510</b>  | <b>9,623,870</b>  | <b>8,416,430</b>  | <b>3,595,090</b>  | <b>2,073,050</b> | <b>2,073,050</b>           |

| 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        |                |
| <b>12,133,759</b> | <b>9,497,668</b> | <b>9,775,858</b> | <b>12,885,288</b> | <b>16,592,003</b> | <b>54,480,193</b> |                |
| 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         |
| <b>8,456,850</b>  | <b>8,636,590</b> | <b>2,618,470</b> | <b>5,490,420</b>  | <b>3,492,450</b>  | <b>41,380,640</b> |                |
| <b>3,676,909</b>  | <b>861,078</b>   | <b>7,157,388</b> | <b>7,394,868</b>  | <b>13,099,553</b> | <b>13,099,553</b> |                |

| 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        |                |
| <b>5,700,680</b> | <b>8,670,400</b> | <b>8,396,230</b> | <b>12,027,640</b> | <b>5,073,700</b> | <b>48,149,580</b> |                |

|                  |                  |                  |                   |                  |                   |                   |
|------------------|------------------|------------------|-------------------|------------------|-------------------|-------------------|
| 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            |
| <b>2,377,400</b> | <b>6,199,850</b> | <b>2,613,540</b> | <b>10,732,250</b> | <b>2,039,410</b> | <b>45,115,290</b> |                   |
| <b>3,323,280</b> | <b>2,470,550</b> | <b>5,782,690</b> | <b>1,295,390</b>  | <b>3,034,290</b> | <b>3,034,290</b>  |                   |

# Museum Expansion

\*\*\*\*\*

Department:  
*Cultural Services / Public Works*

Division:  
*Museum*

Project Manager:  
*Ken Cooper*

Phone Number:  
970.962.2635

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

Project Category:  
*TBD*

Project Number:  
*TBD*

Duration:  
2013 - 2014

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**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        |
| <b>Total</b> | <b>\$3,173,060</b> | <b>\$2,347,900</b> | <b>\$10,000,000</b> | <b>\$15,520,959</b> |

## 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        |
| <b>Total</b> | <b>\$2,328,140</b> | <b>\$13,192,820</b> | <b>\$15,520,960</b> |

## Estimated Initial Operations Impact

| Expenditures | Personnel        | Supplies        | Purchased Services | FTEs |
|--------------|------------------|-----------------|--------------------|------|
| 2015         | \$217,000        | \$80,000        | \$204,820          |      |
| <b>Total</b> | <b>\$217,000</b> | <b>\$80,000</b> | <b>\$204,820</b>   |      |

# Fire Apparatus Replacement

\*\*\*\*\*

Department:  
*Fire & Rescue*

Division:  
*Suppression*

Project Manager:  
*Ned Sparks*

Phone Number:  
970.962.2488

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

Project Category:  
*TBD*

Project Number:  
*TBD*

Duration:  
2012 – 2016

## 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          | <b>\$515,000</b>   |
| 2013         | \$0                | <b>\$0</b>         |
| 2014         | \$1,200,000        | <b>\$1,200,000</b> |
| 2015         | \$475,000          | <b>\$475,000</b>   |
| 2016         | \$530,000          | <b>\$530,000</b>   |
| <b>Total</b> | <b>\$2,720,000</b> | <b>\$2,720,000</b> |

## Project Cost Estimates By Year

| Elements     | Planning   | Construction       | Total              |
|--------------|------------|--------------------|--------------------|
| 2012         | \$0        | \$515,000          | <b>\$515,000</b>   |
| 2013         | \$0        | \$0                | <b>\$0</b>         |
| 2014         | \$0        | \$1,200,000        | <b>\$1,200,000</b> |
| 2015         | \$0        | \$475,000          | <b>\$475,000</b>   |
| 2016         | \$0        | \$1,060,000        | <b>\$1,060,000</b> |
| <b>Total</b> | <b>\$0</b> | <b>\$3,250,000</b> | <b>\$3,250,000</b> |

## Estimated Initial Operations Impact

| Expenditures | Personnel  | Supplies   | Purchased Services | Total            | FTEs |
|--------------|------------|------------|--------------------|------------------|------|
| 2013         | \$0        | \$0        | \$144,250          | \$144,250        |      |
| <b>Total</b> | <b>\$0</b> | <b>\$0</b> | <b>\$144,250</b>   | <b>\$144,250</b> |      |

\*\*\*\*\*

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

# 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        |
| <b>Total</b> | <b>\$767,350</b> | <b>\$767,350</b> |

### Project Cost Estimates By Year

| Elements     | Planning   | Construction     | Total            |
|--------------|------------|------------------|------------------|
| 2012         | \$0        | \$767,350        | \$767,350        |
| <b>Total</b> | <b>\$0</b> | <b>\$767,350</b> | <b>\$767,350</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel          | Supplies   | Purchased Services | Total              | FTEs        |
|--------------|--------------------|------------|--------------------|--------------------|-------------|
| 2013         | \$1,028,560        | \$0        | \$0                | \$1,028,560        | 12.0        |
| <b>Total</b> | <b>\$1,028,560</b> | <b>\$0</b> | <b>\$0</b>         | <b>\$1,028,560</b> | <b>12.0</b> |

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](mailto: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 29<sup>th</sup> 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        |
| <b>Total</b> | <b>\$2,901,000</b> | <b>\$2,901,000</b> |

## Project Cost Estimates By Year

| Elements     | Planning   | Construction       | Total              |
|--------------|------------|--------------------|--------------------|
| 2013         | \$0        | \$2,901,000        | \$2,901,000        |
| <b>Total</b> | <b>\$0</b> | <b>\$2,901,000</b> | <b>\$2,901,000</b> |

## Estimated Initial Operations Impact

| Expenditures | Personnel        | Supplies   | Purchased Services | Total            | FTEs      |
|--------------|------------------|------------|--------------------|------------------|-----------|
| 2014         | \$941,000        | \$0        | \$45,000           | \$986,000        | 10        |
| <b>Total</b> | <b>\$941,000</b> | <b>\$0</b> | <b>\$0</b>         | <b>\$986,000</b> | <b>10</b> |

# 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 22<sup>nd</sup> 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              | <b>\$1,483,000</b>  |
| 2012         | \$5,800,000        | \$250,000        | \$2,000,000        | \$500,000        | <b>\$8,550,000</b>  |
| <b>Total</b> | <b>\$7,283,000</b> | <b>\$250,000</b> | <b>\$2,000,000</b> | <b>\$500,000</b> | <b>\$10,033,000</b> |

### Project Cost Estimates By Year

| Elements     | Land             | Planning         | Construction       | Total               |
|--------------|------------------|------------------|--------------------|---------------------|
| Prior        | \$843,000        | \$640,000        | \$0                | <b>\$1,483,000</b>  |
| 2012         | \$0              | \$0              | \$8,550,000        | <b>\$8,550,000</b>  |
| <b>Total</b> | <b>\$843,000</b> | <b>\$640,000</b> | <b>\$8,550,000</b> | <b>\$10,033,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel  | Supplies   | Purchased Services | Total      | FTEs |
|--------------|------------|------------|--------------------|------------|------|
| 2013         | \$0        | \$0        | \$0                | <b>\$0</b> | 0    |
| <b>Total</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b>         | <b>\$0</b> |      |

# 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](mailto: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           |
| <b>Total</b> | <b>\$1,450,000</b> | <b>\$8,850,000</b>   | <b>\$10,250,000</b> |

### 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           |
| <b>Total</b> | <b>\$15,983,000</b> | <b>\$0</b> | <b>\$1,600,000</b> | <b>\$10,250,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Fixed Costs | Total | FTEs |
|--------------|-----------|----------|--------------------|-------------|-------|------|
| 2019*        |           |          |                    |             |       |      |
| <b>Total</b> |           |          |                    |             |       |      |

\*Dependent upon site development

# Recreation Trail

\*\*\*\*\*

Department:  
Parks & Recreation

Division:  
Trails

Project Manager:  
Janet Meisel-Burns

Phone Number:  
970.962.2451

Email:  
[meisej@ci.loveland.co.us](mailto: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          |
| <b>Total</b> | <b>\$4,534,422</b> | <b>\$1,227,785</b> | <b>\$5,762,207</b> |

### 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          |
| <b>Total</b> | <b>\$0</b> | <b>\$0</b> | <b>\$5,762,207</b> | <b>\$0</b> | <b>\$5,762,207</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Fixed Costs | Total | FTEs |
|--------------|-----------|----------|--------------------|-------------|-------|------|
| 2018*        |           |          |                    |             |       |      |
| <b>Total</b> |           |          |                    |             |       |      |

\*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](mailto: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              | <b>\$300,000</b>   |
| 2020         | \$2,250,000        | \$450,000        | <b>\$2,700,000</b> |
| <b>Total</b> | <b>\$2,550,000</b> | <b>\$450,000</b> | <b>\$3,000,000</b> |

### Project Cost Estimates By Year

| Elements     | Planning         | Construction       | Total              |
|--------------|------------------|--------------------|--------------------|
| 2019         | \$300,000        | \$0                | <b>\$300,000</b>   |
| 2020         | \$0              | \$2,700,000        | <b>\$2,700,000</b> |
| <b>Total</b> | <b>\$300,000</b> | <b>\$2,700,000</b> | <b>\$3,000,000</b> |

### 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 |
| <b>Total</b> | <b>\$46,820</b> | <b>\$8,030</b> | <b>\$7,360</b>     | <b>\$4,680</b> | <b>\$66,890</b> |      |

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](mailto: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              | <b>\$150,000</b>   |
| 2015         | \$1,400,000        | \$800,000        | <b>\$2,200,000</b> |
| <b>Total</b> | <b>\$1,550,000</b> | <b>\$800,000</b> | <b>\$2,350,000</b> |

### Project Cost Estimates By Year

| Elements     | Planning         | Construction       | Total              |
|--------------|------------------|--------------------|--------------------|
| 2014         | \$150,000        | \$0                | <b>\$150,000</b>   |
| 2015         | \$0              | \$2,200,000        | <b>\$2,200,000</b> |
| <b>Total</b> | <b>\$150,000</b> | <b>\$2,200,000</b> | <b>\$2,350,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel       | Supplies        | Purchased Services | Total            | FTEs |
|--------------|-----------------|-----------------|--------------------|------------------|------|
| 2016         | \$98,510        | \$14,830        | \$10,240           | \$123,580        | 1.53 |
| <b>Total</b> | <b>\$98,510</b> | <b>\$14,830</b> | <b>\$10,240</b>    | <b>\$123,580</b> |      |

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        |
| <b>Total</b> | <b>\$500,000</b>      | <b>\$500,000</b> |

### Project Cost Estimates By Year

| Elements     | Planning   | Construction     | Total            |
|--------------|------------|------------------|------------------|
| 2014         | \$0        | \$500,000        | \$500,000        |
| <b>Total</b> | <b>\$0</b> | <b>\$500,000</b> | <b>\$500,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Fixed Costs | Total | FTEs |
|--------------|-----------|----------|--------------------|-------------|-------|------|
| 2015*        |           |          |                    |             |       |      |
| <b>Total</b> |           |          |                    |             |       |      |

\*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             | <b>\$750,000</b> |
| <b>Total</b> | <b>\$250,000</b> | <b>\$500,000</b>      | <b>\$750,000</b> |

### Project Cost Estimates By Year

| Elements     | Planning        | Construction     | Total            |
|--------------|-----------------|------------------|------------------|
| 2016         | \$75,000        | \$675,000        | <b>\$750,000</b> |
| <b>Total</b> | <b>\$75,000</b> | <b>\$675,000</b> | <b>\$750,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Fixed Costs | Total | FTEs |
|--------------|-----------|----------|--------------------|-------------|-------|------|
| 2017*        |           |          |                    |             |       |      |
| <b>Total</b> |           |          |                    |             |       |      |

\*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](mailto: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        | <b>\$168,000</b> |
| <b>Total</b> | <b>\$168,000</b> | <b>\$168,000</b> |

### Project Cost Estimates By Year

| Elements     | Planning   | Construction     | Total            |
|--------------|------------|------------------|------------------|
| 2013         | \$0        | \$168,000        | <b>\$168,000</b> |
| <b>Total</b> | <b>\$0</b> | <b>\$168,000</b> | <b>\$168,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel      | Supplies       | Purchased Services | Fixed Costs | Total          | FTEs |
|--------------|----------------|----------------|--------------------|-------------|----------------|------|
| 2014         | \$1,500        | \$1,500        | \$0                | \$0         | \$3,000        |      |
| <b>Total</b> | <b>\$1,500</b> | <b>\$1,500</b> | <b>\$0</b>         | <b>\$0</b>  | <b>\$3,000</b> |      |

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:  
[klingb@ci.loveland.co.us](mailto:klingb@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          |
| <b>Total</b> | <b>\$988,280</b> | <b>\$300,00</b> | <b>\$1,288,280</b> |

### Project Cost Estimates By Year

| Elements     | Planning   | Construction       | Total              |
|--------------|------------|--------------------|--------------------|
| Prior        | \$0        | \$1,004,280        | \$1,004,280        |
| 2012         | \$0        | \$284,000          | \$284,000          |
| <b>Total</b> | <b>\$0</b> | <b>\$1,288,280</b> | <b>\$1,288,280</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Fixed Costs | FTEs |
|--------------|-----------|----------|--------------------|-------------|------|
| 2013*        |           |          |                    |             |      |
| <b>Total</b> |           |          |                    |             |      |

\*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](mailto:debaed@ci.loveland.co.us)

Project Category:  
Annual Program

Project Number:  
ENSR09

Duration:  
2012-2021

## 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         |
| <b>Total</b> | <b>\$16,205,970</b> | <b>\$20,892,250</b> | <b>\$41,784,700</b> |

## 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         |
| <b>Total</b> | <b>\$0</b> | <b>\$41,784,780</b> | <b>\$41,784,700</b> |

## Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Fixed Costs | FTEs |
|--------------|-----------|----------|--------------------|-------------|------|
| 2012-2021*   |           |          |                    |             |      |
| <b>Total</b> |           |          |                    |             |      |

\*Information not available.

\*\*\*\*\*

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

# Downtown Infrastructure

\*\*\*\*\*

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:  
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        |
| <b>Total</b> | <b>\$6,100,000</b>            | <b>\$6,100,000</b> |

### 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        |
| <b>Total</b> | <b>\$0</b> | <b>\$6,100,000</b> | <b>\$6,100,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Fixed Costs | FTEs |
|--------------|-----------|----------|--------------------|-------------|------|
| 2019*        |           |          |                    |             |      |
| <b>Total</b> |           |          |                    |             |      |

\*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](mailto: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          |
| <b>Total</b> | <b>\$5,100,000</b> | <b>\$5,100,000</b> |

### 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          |
| <b>Total</b> | <b>\$0</b> | <b>\$5,100,000</b> | <b>\$5,100,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Fixed Costs | FTEs |
|--------------|-----------|----------|--------------------|-------------|------|
| 2021*        |           |          |                    |             |      |
| <b>Total</b> |           |          |                    |             |      |

\*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        |
| <b>Total</b> | <b>\$675,000</b> | <b>\$675,000</b> |

### Project Cost Estimates By Year

| Elements     | Planning   | Construction     | Total            |
|--------------|------------|------------------|------------------|
| 2021         | \$0        | \$675,000        | \$675,000        |
| <b>Total</b> | <b>\$0</b> | <b>\$675,000</b> | <b>\$675,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Fixed Costs | FTEs |
|--------------|-----------|----------|--------------------|-------------|------|
| 2021*        |           |          |                    |             |      |
| <b>Total</b> |           |          |                    |             |      |

\*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](mailto: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        |
| <b>Total</b> | <b>\$635,730</b> | <b>\$635,730</b> |

### Project Cost Estimates By Year

| Elements     | Planning        | Construction     | Total            |
|--------------|-----------------|------------------|------------------|
| 2016         | \$28,300        | \$607,430        | \$635,730        |
| <b>Total</b> | <b>\$28,300</b> | <b>\$607,430</b> | <b>\$635,730</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Fixed Costs | FTEs |
|--------------|-----------|----------|--------------------|-------------|------|
| 2017*        |           |          |                    |             |      |
| <b>Total</b> |           |          |                    |             |      |

\*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](mailto: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         | <b>\$375,000</b> |
| <b>Total</b> | <b>\$281,250</b> | <b>\$93,750</b>  | <b>\$375,000</b> |

### Project Cost Estimates By Year

| Elements     | Planning   | Construction     | Total            |
|--------------|------------|------------------|------------------|
| 2013         | \$0        | \$375,000        | <b>\$375,000</b> |
| <b>Total</b> | <b>\$0</b> | <b>\$375,000</b> | <b>\$375,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Fixed Costs | FTEs |
|--------------|-----------|----------|--------------------|-------------|------|
| 2014*        |           |          |                    |             |      |
| <b>Total</b> |           |          |                    |             |      |

\*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](mailto: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        |
| <b>Total</b> | <b>\$300,000</b> | <b>\$100,000</b> | <b>\$400,000</b> |

### Project Cost Estimates By Year

| Elements     | Planning   | Construction     | Total            |
|--------------|------------|------------------|------------------|
| 2014         | \$0        | \$400,000        | \$400,000        |
| <b>Total</b> | <b>\$0</b> | <b>\$400,000</b> | <b>\$400,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Fixed Costs | FTEs |
|--------------|-----------|----------|--------------------|-------------|------|
| 2015*        |           |          |                    |             |      |
| <b>Total</b> |           |          |                    |             |      |

\*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](mailto: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<br>CEF | Enterprise Fund    | Total              |
|--------------|---------------------------|--------------------|--------------------|
| 2011         | \$382,460                 | \$0                | \$382,460          |
| 2015         | \$1,445,770               | \$1,996,390        | \$3,442,160        |
| <b>Total</b> | <b>\$1,828,230</b>        | <b>\$1,996,390</b> | <b>\$3,824,620</b> |

### Project Cost Estimates By Year

| Elements     | Planning         | Construction       | Total              |
|--------------|------------------|--------------------|--------------------|
| 2011         | \$382,460        | \$0                | \$382,460          |
| 2015         | \$0              | \$3,442,160        | \$3,442,160        |
| <b>Total</b> | <b>\$382,460</b> | <b>\$3,442,160</b> | <b>\$3,824,620</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel  | Supplies   | Purchased<br>Services | FTEs |
|--------------|------------|------------|-----------------------|------|
| 2016         | \$0        | \$0        | \$231,150             |      |
| <b>Total</b> | <b>\$0</b> | <b>\$0</b> | <b>\$231,150</b>      |      |

# 29<sup>th</sup> & 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](mailto: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        | <b>\$1,080,000</b> |
| <b>Total</b> | <b>\$1,080,000</b> | <b>\$1,080,000</b> |

### Project Cost Estimates By Year

| Elements     | Planning   | Construction       | Total              |
|--------------|------------|--------------------|--------------------|
| 2013         | \$0        | \$1,080,000        | <b>\$1,080,000</b> |
| <b>Total</b> | <b>\$0</b> | <b>\$1,080,000</b> | <b>\$1,080,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Total | FTEs |
|--------------|-----------|----------|--------------------|-------|------|
| 2013*        |           |          |                    |       |      |
| <b>Total</b> |           |          |                    |       |      |

\* 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](mailto:gingek@ci.loveland.co.us)  
[lessae@ci.loveland.co.us](mailto: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 14<sup>th</sup> Street SW and 23<sup>rd</sup> 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          | <b>\$132,200</b>   |
| 2019         | \$1,692,200        | <b>\$1,692,200</b> |
| 2020         | \$243,750          | <b>\$243,750</b>   |
| 2021         | \$3,120,250        | <b>\$3,120,250</b> |
| <b>Total</b> | <b>\$5,188,400</b> | <b>\$5,188,400</b> |

### Project Cost Estimates By Year

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

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Total | FTEs |
|--------------|-----------|----------|--------------------|-------|------|
| 2017*        |           |          |                    |       |      |
| <b>Total</b> |           |          |                    |       |      |

\* 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](mailto: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 7<sup>th</sup> 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        |
| <b>Total</b> | <b>\$300,000</b> | <b>\$300,000</b> |

### Project Cost Estimates By Year

| Elements     | Planning   | Construction     | Total            |
|--------------|------------|------------------|------------------|
| 2012         | \$0        | \$300,000        | \$300,000        |
| <b>Total</b> | <b>\$0</b> | <b>\$300,000</b> | <b>\$300,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Total | FTEs |
|--------------|-----------|----------|--------------------|-------|------|
| 2013*        |           |          |                    |       |      |
| <b>Total</b> |           |          |                    |       |      |

\* 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](mailto: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 7<sup>th</sup> Street to 12<sup>th</sup> Street, and from Washington Avenue to Garfield Avenue.

### Funding Sources

| Revenue      | Enterprise       | Total            |
|--------------|------------------|------------------|
| 2012         | \$750,000        | <b>\$750,000</b> |
| <b>Total</b> | <b>\$750,000</b> | <b>\$750,000</b> |

### Project Cost Estimates By Year

| Elements     | Planning   | Construction     | Total            |
|--------------|------------|------------------|------------------|
| 2012         | \$0        | \$750,000        | <b>\$750,000</b> |
| <b>Total</b> | <b>\$0</b> | <b>\$750,000</b> | <b>\$750,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Total | FTEs |
|--------------|-----------|----------|--------------------|-------|------|
| 2013*        |           |          |                    |       |      |
| <b>Total</b> |           |          |                    |       |      |

\* 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](mailto: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        | <b>\$500,000</b> |
| <b>Total</b> | <b>\$500,000</b> | <b>\$500,000</b> |

### Project Cost Estimates By Year

| Elements     | Planning   | Construction     | Total            |
|--------------|------------|------------------|------------------|
| 2014         | \$0        | \$500,000        | <b>\$500,000</b> |
| <b>Total</b> | <b>\$0</b> | <b>\$500,000</b> | <b>\$500,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Total | FTEs |
|--------------|-----------|----------|--------------------|-------|------|
| 2015*        |           |          |                    |       |      |
| <b>Total</b> |           |          |                    |       |      |

\* 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         | <b>\$50,000</b>  |
| 2019         | \$500,000        | <b>\$500,000</b> |
| <b>Total</b> | <b>\$550,000</b> | <b>\$550,000</b> |

### Project Cost Estimates By Year

| Elements     | Planning        | Construction     | Total            |
|--------------|-----------------|------------------|------------------|
| 2018         | \$50,000        | \$0              | <b>\$50,000</b>  |
| 2019         | \$0             | \$500,000        | <b>\$500,000</b> |
| <b>Total</b> | <b>\$50,000</b> | <b>\$500,000</b> | <b>\$550,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Total | FTEs |
|--------------|-----------|----------|--------------------|-------|------|
| 2020*        |           |          |                    |       |      |
| <b>Total</b> |           |          |                    |       |      |

\* 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          |
| <b>Total</b> | <b>\$2,500,000</b> | <b>\$2,500,000</b> |

### 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          |
| <b>Total</b> | <b>\$0</b> | <b>\$2,500,000</b> | <b>\$2,500,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Total | FTEs |
|--------------|-----------|----------|--------------------|-------|------|
| 2022*        |           |          |                    |       |      |
| <b>Total</b> |           |          |                    |       |      |

\* Operation Impact Negligible.

# MeHaffey Park Regional Detention Pond

\*\*\*\*\*

Department:  
Public Works

Division:  
Stormwater Engineering

Project Manager:  
*Kevin Gingery*

Phone Number:  
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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         | <b>\$85,000</b>  |
| 2012         | \$500,000        | <b>\$500,000</b> |
| <b>Total</b> | <b>\$585,000</b> | <b>\$585,000</b> |

### Project Cost Estimates By Year

| Elements     | Planning        | Construction     | Total            |
|--------------|-----------------|------------------|------------------|
| Prior        | \$85,000        | \$0              | <b>\$85,000</b>  |
| 2012         | \$0             | \$500,000        | <b>\$500,000</b> |
| <b>Total</b> | <b>\$85,000</b> | <b>\$500,000</b> | <b>\$585,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Total | FTEs |
|--------------|-----------|----------|--------------------|-------|------|
| 2013*        |           |          |                    |       |      |
| <b>Total</b> |           |          |                    |       |      |

\* Operation Impact Negligible.

# Airport Basin Master Plan Improvements

\*\*\*\*\*

Department:  
Public Works

Division:  
Stormwater Engineering

Project Manager:  
*Chris Carlson*

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970.962.2774

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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           | <b>\$82,391</b>    |
| 2014         | \$1,100,000        | <b>\$1,100,000</b> |
| <b>Total</b> | <b>\$1,100,000</b> | <b>\$1,100,000</b> |

### Project Cost Estimates By Year

| Elements     | Planning        | Construction       | Total              |
|--------------|-----------------|--------------------|--------------------|
| Prev. Years  | \$82,391        | \$0                | <b>\$82,391</b>    |
| 2014         | \$0             | \$1,100,000        | <b>\$1,100,000</b> |
| <b>Total</b> | <b>\$82,391</b> | <b>\$1,100,000</b> | <b>\$1,100,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Total | FTEs |
|--------------|-----------|----------|--------------------|-------|------|
| 2015*        |           |          |                    |       |      |
| <b>Total</b> |           |          |                    |       |      |

\* 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](mailto: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 5<sup>th</sup> 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          |
| <b>Total</b> | <b>\$1,276,594</b> | <b>\$1,276,594</b> |

### 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          |
| <b>Total</b> | <b>\$276,594</b> | <b>\$1,000,000</b> | <b>\$1,276,594</b> |

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Total | FTEs |
|--------------|-----------|----------|--------------------|-------|------|
| 2018*        |           |          |                    |       |      |
| <b>Total</b> |           |          |                    |       |      |

\* Operation Impact Negligible

# New Equipment and Replacement

\*\*\*\*\*

Department:  
*Public Works*

Division:  
*Stormwater Engineering*

Project Manager:  
*Mick Mercer*

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970.962.2530

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[mercem@ci.loveland.co.us](mailto: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          | <b>\$265,000</b>   |
| 2013         | \$540,000          | <b>\$540,000</b>   |
| 2014         | \$590,800          | <b>\$590,800</b>   |
| 2015         | \$357,000          | <b>\$357,000</b>   |
| 2016         | \$488,400          | <b>\$488,400</b>   |
| 2017         | \$315,000          | <b>\$315,000</b>   |
| 2018         | \$876,000          | <b>\$876,000</b>   |
| 2019         | \$1,197,500        | <b>\$1,197,500</b> |
| 2020         | \$354,000          | <b>\$354,000</b>   |
| 2021         | \$252,000          | <b>\$252,000</b>   |
| <b>Total</b> | <b>\$5,638,700</b> | <b>\$5,638,700</b> |

### Project Cost Estimates By Year

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

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | Total | FTEs |
|--------------|-----------|----------|--------------------|-------|------|
| 2012*        |           |          |                    |       |      |
| <b>Total</b> |           |          |                    |       |      |

\* 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 5<sup>th</sup> Street to SH 60); Cascade Avenue from 22<sup>nd</sup> Street to 35<sup>th</sup> 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](mailto: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 37<sup>th</sup>)** -

\$1,610,000

**Madison Ave. (Silverleaf to 29<sup>th</sup>)** -

\$660,100



## Funding Sources

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

## Project Cost Estimates By Year

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

## Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | FTEs |
|--------------|-----------|----------|--------------------|------|
| 2021*        |           |          |                    |      |
| <b>Total</b> |           |          |                    |      |

\*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](mailto: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          | <b>\$650,000</b>   |
| 2013         | \$297,000          | \$433,000          | <b>\$730,000</b>   |
| 2014         | \$261,000          | \$339,000          | <b>\$600,000</b>   |
| 2015         | \$261,000          | \$339,000          | <b>\$600,000</b>   |
| 2016         | \$261,000          | \$339,000          | <b>\$600,000</b>   |
| 2017         | \$261,000          | \$339,000          | <b>\$600,000</b>   |
| 2018         | \$261,000          | \$339,000          | <b>\$600,000</b>   |
| 2019         | \$261,000          | \$339,000          | <b>\$600,000</b>   |
| 2020         | \$261,000          | \$339,000          | <b>\$600,000</b>   |
| 2021         | \$261,000          | \$339,000          | <b>\$600,000</b>   |
| <b>Total</b> | <b>\$2,656,000</b> | <b>\$3,524,000</b> | <b>\$6,180,000</b> |

## Project Cost Estimates By Year

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

## Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | FTEs |
|--------------|-----------|----------|--------------------|------|
| 2021*        |           |          |                    |      |
| <b>Total</b> |           |          |                    |      |

\*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

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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. ( 43<sup>rd</sup> to 57<sup>th</sup> St). - \$113,000**  
**SH 402 (US 287 to St. Louis)-\$200,000**  
**Fairgrounds Ave (Crossroads to 71<sup>st</sup> ) - \$345,000**  
**43<sup>rd</sup> St. (Wilson to Cascade) - \$350,000**  
**57<sup>th</sup> 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/14<sup>th</sup> 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          | <b>\$445,000</b>   |
| 2013         | \$20,000         | \$80,400           | <b>\$100,000</b>   |
| 2014         | \$61,600         | \$296,400          | <b>\$358,000</b>   |
| 2015         | \$30,000         | \$288,000          | <b>\$318,000</b>   |
| 2016         | \$30,000         | \$170,000          | <b>\$200,000</b>   |
| 2017         | \$27,600         | \$260,400          | <b>\$288,000</b>   |
| 2018         | \$10,000         | \$290,000          | <b>\$300,000</b>   |
| 2019         | \$36,000         | \$294,000          | <b>\$330,000</b>   |
| 2020         | \$26,000         | \$418,000          | <b>\$444,000</b>   |
| 2021         | \$29,800         | \$419,200          | <b>\$449,000</b>   |
| <b>Total</b> | <b>\$360,000</b> | <b>\$2,872,000</b> | <b>\$3,232,000</b> |

### Project Cost Estimates By Year

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

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | FTEs |
|--------------|-----------|----------|--------------------|------|
| 2021*        |           |          |                    |      |
| <b>Total</b> |           |          |                    |      |

\*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](mailto: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  
*37<sup>th</sup> Street* (Monroe to Madison) - \$110,000  
*Garfield Ave.* (7<sup>th</sup> St. to US 34) - \$435,000  
*14<sup>th</sup> 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        | <b>\$1,277,000</b> |
| 2013         | \$41,200         | \$101,200        | \$257,600        | <b>\$400,000</b>   |
| 2014         | \$30,900         | \$98,500         | \$80,000         | <b>\$209,400</b>   |
| 2015         | \$10,000         | \$40,000         | \$200,000        | <b>\$250,000</b>   |
| 2020         | \$6,000          | \$24,000         | \$0              | <b>\$30,000</b>    |
| 2021         | \$16,000         | \$64,000         | \$0              | <b>\$80,000</b>    |
| <b>Total</b> | <b>\$533,200</b> | <b>\$687,350</b> | <b>\$875,470</b> | <b>\$2,246,400</b> |

### Project Cost Estimates By Year

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

### Estimated Initial Operations Impact

| Expenditures | Personnel | Supplies | Purchased Services | FTEs |
|--------------|-----------|----------|--------------------|------|
| 2021*        |           |          |                    |      |
| <b>Total</b> |           |          |                    |      |

\*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        | <b>\$360,000</b>   |
| 2016         | \$80,000         | \$320,000        | <b>\$400,000</b>   |
| 2017         | \$15,000         | \$60,000         | <b>\$75,000</b>    |
| 2018         | \$80,000         | \$320,000        | <b>\$400,000</b>   |
| <b>Total</b> | <b>\$247,000</b> | <b>\$988,000</b> | <b>\$1,235,000</b> |

### Project Cost Estimates By Year

| Elements     | Planning   | Construction       | Total              |
|--------------|------------|--------------------|--------------------|
| 2013         | \$0        | \$360,000          | <b>\$360,000</b>   |
| 2016         | \$0        | \$400,000          | <b>\$400,000</b>   |
| 2017         | \$0        | \$75,000           | <b>\$75,000</b>    |
| 2018         | \$0        | \$400,000          | <b>\$400,000</b>   |
| <b>Total</b> | <b>\$0</b> | <b>\$1,235,000</b> | <b>\$1,235,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personal Services | Supplies | Purchased Services | FTEs |
|--------------|-------------------|----------|--------------------|------|
| 2019*        |                   |          |                    |      |
| <b>Total</b> |                   |          |                    |      |

\*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 37<sup>th</sup> 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:

2014 - 2021

\*\*\*\*\*

# Total Project Cost:

## \$1,610,000

### About the Project

The Boise Avenue – Mt. Columbia to 37<sup>th</sup> Street project includes the extension of Boise Avenue north from Mt. Columbia to connect to LCR 11C in the SE corner of Horsehoe Lake, including the construction of a roundabout at the Boise Avenue / 37<sup>th</sup> 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          |
| <b>Total</b> | <b>\$322,000</b> | <b>\$1,288,000</b> | <b>\$1,610,000</b> |

### 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          |
| <b>Total</b> | <b>\$490,000</b> | <b>\$1,120,000</b> | <b>\$1,610,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personal Services | Supplies | Purchased Services | FTEs |
|--------------|-------------------|----------|--------------------|------|
| 2021*        |                   |          |                    |      |
| <b>Total</b> |                   |          |                    |      |

\*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 29<sup>th</sup> 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 5<sup>th</sup> 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 5<sup>th</sup> 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        | <b>\$160,000</b> |
| 2020         | \$40,000         | \$160,000        | <b>\$200,000</b> |
| 2021         | \$60,000         | \$240,000        | <b>\$300,000</b> |
| <b>Total</b> | <b>\$132,000</b> | <b>\$528,000</b> | <b>\$660,000</b> |

### Project Cost Estimates By Year

| Elements     | Planning         | Construction | Total            |
|--------------|------------------|--------------|------------------|
| 2019         | \$160,000        | \$0          | <b>\$160,000</b> |
| 2020         | \$200,000        | \$0          | <b>\$200,000</b> |
| 2021         | \$300,000        | \$0          | <b>\$300,000</b> |
| <b>Total</b> | <b>\$660,000</b> | <b>\$0</b>   | <b>\$660,000</b> |

### Estimated Initial Operations Impact

| Expenditures | Personal Services | Supplies | Purchased Services | FTEs |
|--------------|-------------------|----------|--------------------|------|
| 2022*        |                   |          |                    |      |
| <b>Total</b> |                   |          |                    |      |

\*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](mailto:howarl@ci.loveland.co.us)  
[lopezb@ci.loveland.co.us](mailto: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          |
| <b>Total</b> | <b>\$1,460,310</b> | <b>\$0</b> | <b>\$1,460,310</b> |

### 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          |
| <b>Total</b> | <b>\$344,190</b> | <b>\$1,116,120</b> | <b>\$1,460,310</b> |

# System Improvements

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
*Bob Miller*

Phone Number:  
970.962.3563

Email:  
[milleb@ci.loveland.co.us](mailto: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        | <b>\$946,860</b>    |
| 2013         | \$1,090,170         | \$0        | <b>\$1,090,170</b>  |
| 2014         | \$1,486,360         | \$0        | <b>\$1,486,360</b>  |
| 2015         | \$1,523,940         | \$0        | <b>\$1,523,940</b>  |
| 2016         | \$1,560,530         | \$0        | <b>\$1,560,530</b>  |
| 2017         | \$1,596,000         | \$0        | <b>\$1,596,000</b>  |
| 2018         | \$1,630,590         | \$0        | <b>\$1,630,590</b>  |
| 2019         | \$1,664,220         | \$0        | <b>\$1,664,220</b>  |
| 2020         | \$1,697,140         | \$0        | <b>\$1,697,140</b>  |
| 2021         | \$1,729,210         | \$0        | <b>\$1,729,210</b>  |
| <b>Total</b> | <b>\$14,925,020</b> | <b>\$0</b> | <b>\$14,925,020</b> |

## Project Cost Estimates By Year

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

# Customer Aid- To- Construction

\*\*\*\*\*

Department:  
*Water & Power*

Division:  
*Power*

Project Manager:  
*Bob Miller*

Phone Number:  
970.962.3563

Email:  
[milleb@ci.loveland.co.us](mailto: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        | <b>\$646,890</b>   |
| 2013         | \$663,580          | \$0        | <b>\$663,580</b>   |
| 2014         | \$680,590          | \$0        | <b>\$680,590</b>   |
| 2015         | \$697,800          | \$0        | <b>\$697,800</b>   |
| 2016         | \$714,550          | \$0        | <b>\$714,550</b>   |
| 2017         | \$730,790          | \$0        | <b>\$730,790</b>   |
| 2018         | \$746,630          | \$0        | <b>\$746,630</b>   |
| 2019         | \$762,030          | \$0        | <b>\$762,030</b>   |
| 2020         | \$777,100          | \$0        | <b>\$777,100</b>   |
| 2021         | \$791,790          | \$0        | <b>\$791,790</b>   |
| <b>Total</b> | <b>\$7,211,750</b> | <b>\$0</b> | <b>\$7,211,750</b> |

### Project Cost Estimates By Year

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

# Miscellaneous Feeder Extensions

\*\*\*\*\*

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

## Project Cost Estimates By Year

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

# Partnering With Power

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Bob Miller

Phone Number:  
970.962.3563

Email:  
[milleb@ci.loveland.co.us](mailto: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 6<sup>th</sup> 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.



## Partnering with Power

### Funding Sources

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

### Project Cost Estimates By Year

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

# 200 Amp Projects

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Garth Silvernale

Phone Number:  
970.962.3580

Email:  
[silveg@ci.loveland.co.us](mailto: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        | <b>\$88,510</b>  |
| 2013         | \$90,790         | \$0        | <b>\$90,790</b>  |
| 2014         | \$93,120         | \$0        | <b>\$93,120</b>  |
| 2015         | \$95,470         | \$0        | <b>\$95,470</b>  |
| 2016         | \$97,770         | \$0        | <b>\$97,770</b>  |
| 2017         | \$99,990         | \$0        | <b>\$99,990</b>  |
| 2018         | \$102,160        | \$0        | <b>\$102,160</b> |
| 2019         | \$104,260        | \$0        | <b>\$104,260</b> |
| 2020         | \$106,330        | \$0        | <b>\$106,330</b> |
| 2021         | \$108,330        | \$0        | <b>\$108,330</b> |
| <b>Total</b> | <b>\$986,730</b> | <b>\$0</b> | <b>\$986,730</b> |

## Project Cost Estimates By Year

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

# Substation Security

\*\*\*\*\*

Department:  
Water & Power

Division:  
Power

Project Manager:  
Bob Miller

Phone Number:  
970.962.3563

Email:  
[milleb@ci.loveland.co.us](mailto: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              |
| <b>Total</b> | <b>\$852,240</b> | <b>\$0</b> | <b>\$852,240</b> |

## 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              |
| <b>Total</b> | <b>\$0</b> | <b>\$852,240</b> | <b>\$852,240</b> |

## Sub-to-Sub Ties

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Department:  
Water & Power

Division:  
Power

Project Manager:  
*Bob Miller*

Phone Number:  
970.962.3563

Email:  
[milleb@ci.loveland.co.us](mailto: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        | <b>\$5,515,327</b> |
| 2012         | \$2,693,550        | \$0        | <b>\$2,693,550</b> |
| 2013         | \$0                | \$0        | <b>\$0</b>         |
| 2014         | \$0                | \$0        | <b>\$0</b>         |
| 2015         | \$0                | \$0        | <b>\$0</b>         |
| 2016         | \$0                | \$0        | <b>\$0</b>         |
| 2017         | \$0                | \$0        | <b>\$0</b>         |
| 2018         | \$0                | \$0        | <b>\$0</b>         |
| 2019         | \$0                | \$0        | <b>\$0</b>         |
| 2020         | \$0                | \$0        | <b>\$0</b>         |
| 2021         | \$0                | \$0        | <b>\$0</b>         |
| <b>Total</b> | <b>\$8,208,877</b> | <b>\$0</b> | <b>\$8,208,877</b> |

### Project Cost Estimates By Year

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

# 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        |
| <b>Total</b> | <b>\$0</b> | <b>\$7,954,550</b> | <b>\$7,954,550</b> |

## 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        |
| <b>Total</b> | <b>\$0</b> | <b>\$7,954,550</b> | <b>\$7,954,550</b> |

# Miscellaneous Electric Relocations Road Related Projects

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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 accommodate those changes made by the Street Department.



### Funding Sources

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

### Project Cost Estimates By Year

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

# Taft Avenue Part 2

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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:  
*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 1<sup>st</sup> to 8<sup>th</sup> Streets.



## Funding Sources

| Revenue      | Power Fund       | Power PIF  | Total            |
|--------------|------------------|------------|------------------|
| Prior        | \$0              | \$0        | <b>\$0</b>       |
| 2012         | \$0              | \$0        | <b>\$0</b>       |
| 2013         | \$0              | \$0        | <b>\$0</b>       |
| 2014         | \$0              | \$0        | <b>\$0</b>       |
| 2015         | \$555,530        | \$0        | <b>\$555,530</b> |
| 2016         | \$0              | \$0        | <b>\$0</b>       |
| 2017         | \$0              | \$0        | <b>\$0</b>       |
| 2018         | \$0              | \$0        | <b>\$0</b>       |
| 2019         | \$0              | \$0        | <b>\$0</b>       |
| 2020         | \$0              | \$0        | <b>\$0</b>       |
| 2021         | \$0              | \$0        | <b>\$0</b>       |
| <b>Total</b> | <b>\$555,530</b> | <b>\$0</b> | <b>\$555,530</b> |

## Project Cost Estimates By Year

| Elements     | Planning   | Construction     | Total            |
|--------------|------------|------------------|------------------|
| Prior        | \$0        | \$0              | <b>\$0</b>       |
| 2012         | \$0        | \$0              | <b>\$0</b>       |
| 2013         | \$0        | \$0              | <b>\$0</b>       |
| 2014         | \$0        | \$0              | <b>\$0</b>       |
| 2015         | \$0        | \$555,530        | <b>\$555,530</b> |
| 2016         | \$0        | \$0              | <b>\$0</b>       |
| 2017         | \$0        | \$0              | <b>\$0</b>       |
| 2018         | \$0        | \$0              | <b>\$0</b>       |
| 2019         | \$0        | \$0              | <b>\$0</b>       |
| 2020         | \$0        | \$0              | <b>\$0</b>       |
| 2021         | \$0        | \$0              | <b>\$0</b>       |
| <b>Total</b> | <b>\$0</b> | <b>\$555,530</b> | <b>\$555,530</b> |

# Streetlight Projects

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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:  
*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        | <b>\$0</b>         |
| 2012         | \$239,710          | \$0        | <b>\$239,710</b>   |
| 2013         | \$245,900          | \$0        | <b>\$245,900</b>   |
| 2014         | \$252,200          | \$0        | <b>\$252,200</b>   |
| 2015         | \$258,580          | \$0        | <b>\$258,580</b>   |
| 2016         | \$264,790          | \$0        | <b>\$264,790</b>   |
| 2017         | \$270,810          | \$0        | <b>\$270,810</b>   |
| 2018         | \$276,670          | \$0        | <b>\$276,670</b>   |
| 2019         | \$282,380          | \$0        | <b>\$282,380</b>   |
| 2020         | \$287,970          | \$0        | <b>\$287,970</b>   |
| 2021         | \$293,410          | \$0        | <b>\$293,410</b>   |
| <b>Total</b> | <b>\$2,672,420</b> | <b>\$0</b> | <b>\$2,672,420</b> |

## Project Cost Estimates By Year

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

# Highway 402 Feeder Extension

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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:  
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                | <b>\$0</b>         |
| 2012         | \$0        | \$0                | <b>\$0</b>         |
| 2013         | \$0        | \$0                | <b>\$0</b>         |
| 2014         | \$0        | \$0                | <b>\$0</b>         |
| 2015         | \$0        | \$2,157,400        | <b>\$2,157,400</b> |
| 2016         | \$0        | \$3,313,800        | <b>\$3,313,800</b> |
| 2017         | \$0        | \$0                | <b>\$0</b>         |
| 2018         | \$0        | \$0                | <b>\$0</b>         |
| 2019         | \$0        | \$0                | <b>\$0</b>         |
| 2020         | \$0        | \$0                | <b>\$0</b>         |
| 2021         | \$0        | \$0                | <b>\$0</b>         |
| <b>Total</b> | <b>\$0</b> | <b>\$5,471,200</b> | <b>\$5,471,200</b> |

## Project Cost Estimates By Year

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

# Miscellaneous General Plant Projects

\*\*\*\*\*

Department:  
*Water & Power*

Division:  
*Power*

Project Manager:  
*Bob Miller*

Phone Number:  
970.962.3563

Email:  
[milleb@ci.loveland.co.us](mailto: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          |
| <b>Total</b> | <b>\$2,394,280</b> | <b>\$0</b> | <b>\$2,394,280</b> |

## 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          |
| <b>Total</b> | <b>\$0</b> | <b>\$2,394,280</b> | <b>\$2,394,280</b> |

## 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](mailto: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              |
| <b>Total</b> | <b>\$389,000</b> | <b>\$0</b> | <b>\$389,000</b> |

### 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              |
| <b>Total</b> | <b>\$389,000</b> | <b>\$0</b>   | <b>\$389,000</b> |

# 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](mailto: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        | <b>\$2,642,793</b>  |
| 2012         | \$608,570           | \$0        | <b>\$608,570</b>    |
| 2013         | \$277,550           | \$0        | <b>\$277,550</b>    |
| 2014         | \$21,066,180        | \$0        | <b>\$21,066,180</b> |
| 2015         | \$0                 | \$0        | <b>\$0</b>          |
| 2016         | \$0                 | \$0        | <b>\$0</b>          |
| 2017         | \$0                 | \$0        | <b>\$0</b>          |
| 2018         | \$0                 | \$0        | <b>\$0</b>          |
| 2019         | \$0                 | \$0        | <b>\$0</b>          |
| 2020         | \$0                 | \$0        | <b>\$0</b>          |
| 2021         | \$0                 | \$0        | <b>\$0</b>          |
| <b>Total</b> | <b>\$24,595,093</b> | <b>\$0</b> | <b>\$24,595,093</b> |

## Project Cost Estimates By Year

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

# 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        | <b>\$4,900,000</b> |
| 2012         | \$100,000          | \$0        | <b>\$100,000</b>   |
| 2013         | \$100,000          | \$0        | <b>\$100,000</b>   |
| 2014         | \$100,000          | \$0        | <b>\$100,000</b>   |
| 2015         | \$500,000          | \$0        | <b>\$500,000</b>   |
| 2016         | \$500,000          | \$0        | <b>\$500,000</b>   |
| 2017         | \$500,000          | \$0        | <b>\$500,000</b>   |
| 2018         | \$500,000          | \$0        | <b>\$500,000</b>   |
| 2019         | \$500,000          | \$0        | <b>\$500,000</b>   |
| 2020         | \$500,000          | \$0        | <b>\$500,000</b>   |
| 2021         | \$500,000          | \$0        | <b>\$500,000</b>   |
| <b>Total</b> | <b>\$8,700,000</b> | <b>\$0</b> | <b>\$8,700,000</b> |

### Project Cost Estimates By Year

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

# 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](mailto: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        | <b>\$0</b>       |
| 2012         | \$0              | \$0        | <b>\$0</b>       |
| 2013         | \$0              | \$0        | <b>\$0</b>       |
| 2014         | \$0              | \$0        | <b>\$0</b>       |
| 2015         | \$0              | \$0        | <b>\$0</b>       |
| 2016         | \$0              | \$0        | <b>\$0</b>       |
| 2017         | \$0              | \$0        | <b>\$0</b>       |
| 2018         | \$0              | \$0        | <b>\$0</b>       |
| 2019         | \$636,140        | \$0        | <b>\$636,140</b> |
| 2020         | \$0              | \$0        | <b>\$0</b>       |
| 2021         | \$0              | \$0        | <b>\$0</b>       |
| <b>Total</b> | <b>\$636,140</b> | <b>\$0</b> | <b>\$636,140</b> |

### Project Cost Estimates By Year

| Elements     | Planning         | Construction | Total            |
|--------------|------------------|--------------|------------------|
| Prior        | \$0              | \$0          | <b>\$0</b>       |
| 2012         | \$0              | \$0          | <b>\$0</b>       |
| 2013         | \$0              | \$0          | <b>\$0</b>       |
| 2014         | \$0              | \$0          | <b>\$0</b>       |
| 2015         | \$0              | \$0          | <b>\$0</b>       |
| 2016         | \$0              | \$0          | <b>\$0</b>       |
| 2017         | \$0              | \$0          | <b>\$0</b>       |
| 2018         | \$0              | \$0          | <b>\$0</b>       |
| 2019         | \$636,140        | \$0          | <b>\$636,140</b> |
| 2020         | \$0              | \$0          | <b>\$0</b>       |
| 2021         | \$0              | \$0          | <b>\$0</b>       |
| <b>Total</b> | <b>\$636,140</b> | <b>\$0</b>   | <b>\$636,140</b> |

# Water Rights Purchase

\*\*\*\*\*

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:  
*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              |
| <b>Total</b> | <b>\$524,520</b> | <b>\$0</b> | <b>\$524,520</b> |

## 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              |
| <b>Total</b> | <b>\$524,520</b> | <b>\$0</b>   | <b>\$524,520</b> |

# 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        | <b>\$387,200</b>   |
| 2013         | \$97,460         | \$24,360         | <b>\$121,820</b>   |
| 2014         | \$0              | \$0              | \$0                |
| 2015         | \$0              | \$0              | \$0                |
| 2016         | \$0              | \$0              | \$0                |
| 2017         | \$40,320         | \$0              | <b>\$40,320</b>    |
| 2018         | \$327,560        | \$0              | <b>\$327,560</b>   |
| 2019         | \$0              | \$0              | \$0                |
| 2020         | \$228,075        | \$228,075        | <b>\$456,150</b>   |
| 2021         | \$0              | \$0              | \$0                |
| <b>Total</b> | <b>\$978,725</b> | <b>\$354,325</b> | <b>\$1,333,050</b> |

## Project Cost Estimates By Year

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

# New Laboratory Building

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
*John McGee*

Phone Number:  
970.962.3760

Email:  
[mcgeej@ci.loveland.co.us](mailto: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              | <b>\$0</b>         |
| 2012         | \$0                | \$0              | <b>\$0</b>         |
| 2013         | \$0                | \$0              | <b>\$0</b>         |
| 2014         | \$0                | \$0              | <b>\$0</b>         |
| 2015         | \$0                | \$0              | <b>\$0</b>         |
| 2016         | \$0                | \$0              | <b>\$0</b>         |
| 2017         | \$0                | \$0              | <b>\$0</b>         |
| 2018         | \$0                | \$0              | <b>\$0</b>         |
| 2019         | \$0                | \$0              | <b>\$0</b>         |
| 2020         | \$161,360          | \$79,470         | <b>\$240,830</b>   |
| 2021         | \$1,609,980        | \$792,980        | <b>\$2,402,960</b> |
| <b>Total</b> | <b>\$1,771,340</b> | <b>\$872,450</b> | <b>\$2,643,790</b> |

## Project Cost Estimates By Year

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

# 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](mailto: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        | <b>\$0</b>         |
| 2012         | \$67,740           | \$0        | <b>\$67,740</b>    |
| 2013         | \$0                | \$0        | <b>\$0</b>         |
| 2014         | \$423,040          | \$0        | <b>\$423,040</b>   |
| 2015         | \$1,288,010        | \$0        | <b>\$1,288,010</b> |
| 2016         | \$0                | \$0        | <b>\$0</b>         |
| 2017         | \$0                | \$0        | <b>\$0</b>         |
| 2018         | \$0                | \$0        | <b>\$0</b>         |
| 2019         | \$0                | \$0        | <b>\$0</b>         |
| 2020         | \$0                | \$0        | <b>\$0</b>         |
| 2021         | \$0                | \$0        | <b>\$0</b>         |
| <b>Total</b> | <b>\$1,778,790</b> | <b>\$0</b> | <b>\$1,778,790</b> |

## Project Cost Estimates By Year

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

# Blower & Aeration Basin Diffusers at Wastewater Treatment Plant

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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:  
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 ppm 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                | <b>\$0</b>         |
| 2012         | \$0        | \$0                | <b>\$0</b>         |
| 2013         | \$0        | \$0                | <b>\$0</b>         |
| 2014         | \$0        | \$0                | <b>\$0</b>         |
| 2015         | \$0        | \$101,980          | <b>\$101,980</b>   |
| 2016         | \$0        | \$947,590          | <b>\$947,590</b>   |
| 2017         | \$0        | \$0                | <b>\$0</b>         |
| 2018         | \$0        | \$0                | <b>\$0</b>         |
| 2019         | \$0        | \$0                | <b>\$0</b>         |
| 2020         | \$0        | \$0                | <b>\$0</b>         |
| 2021         | \$0        | \$0                | <b>\$0</b>         |
| <b>Total</b> | <b>\$0</b> | <b>\$1,049,570</b> | <b>\$1,049,570</b> |

### Project Cost Estimates By Year

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

# Nutrient Treatment Facilities at Wastewater Treatment Plant

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
*Michael McCrary*

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970.962.2572

Email:  
[mccram@ci.loveland.co.us](mailto: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                | <b>\$0</b>         |
| 2012         | \$0                | \$0                | <b>\$0</b>         |
| 2013         | \$0                | \$0                | <b>\$0</b>         |
| 2014         | \$0                | \$0                | <b>\$0</b>         |
| 2015         | \$461,720          | \$153,910          | <b>\$615,630</b>   |
| 2016         | \$1,459,200        | \$486,400          | <b>\$1,945,600</b> |
| 2017         | \$2,889,300        | \$963,100          | <b>\$3,852,400</b> |
| 2018         | \$0                | \$0                | <b>\$0</b>         |
| 2019         | \$0                | \$0                | <b>\$0</b>         |
| 2020         | \$0                | \$0                | <b>\$0</b>         |
| 2021         | \$0                | \$0                | <b>\$0</b>         |
| <b>Total</b> | <b>\$4,810,220</b> | <b>\$1,603,410</b> | <b>\$6,413,630</b> |

## Project Cost Estimates By Year

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

# Project J

## Aeration Basin at Wastewater Treatment Plant

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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:  
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          | <b>\$338,130</b>   |
| 2017         | \$0        | \$3,641,970        | <b>\$3,641,970</b> |
| 2018         | \$0        | \$0                | \$0                |
| 2019         | \$0        | \$0                | \$0                |
| 2020         | \$0        | \$0                | \$0                |
| 2021         | \$0        | \$0                | \$0                |
| <b>Total</b> | <b>\$0</b> | <b>\$3,980,100</b> | <b>\$3,980,100</b> |

### 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                | <b>\$338,130</b>   |
| 2017         | \$0              | \$3,641,970        | <b>\$3,641,970</b> |
| 2018         | \$0              | \$0                | \$0                |
| 2019         | \$0              | \$0                | \$0                |
| 2020         | \$0              | \$0                | \$0                |
| 2021         | \$0              | \$0                | \$0                |
| <b>Total</b> | <b>\$338,130</b> | <b>\$3,641,970</b> | <b>\$3,980,100</b> |

# Project K

## Primary Clarifier at Wastewater Treatment Plant

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
*Michael McCrary*

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Email:  
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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                | <b>\$0</b>         |
| 2012    | \$0        | \$0                | <b>\$0</b>         |
| 2013    | \$0        | \$0                | <b>\$0</b>         |
| 2014    | \$0        | \$0                | <b>\$0</b>         |
| 2015    | \$0        | \$0                | <b>\$0</b>         |
| 2016    | \$0        | \$0                | <b>\$0</b>         |
| 2017    | \$0        | \$0                | <b>\$0</b>         |
| 2018    | \$0        | \$0                | <b>\$0</b>         |
| 2019    | \$0        | \$338,060          | <b>\$338,060</b>   |
| 2020    | \$0        | \$2,621,430        | <b>\$2,621,430</b> |
| 2021    | \$0        | \$0                | <b>\$0</b>         |
| Total   | <b>\$0</b> | <b>\$2,959,490</b> | <b>\$2,959,490</b> |

### Project Cost Estimates By Year

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

# Demolition of Trickling Filters at Wastewater Treatment Plant

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Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
*Michael McCrary*

Phone Number:  
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[mccram@ci.loveland.co.us](mailto: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        | <b>\$0</b>       |
| 2012         | \$0              | \$0        | <b>\$0</b>       |
| 2013         | \$0              | \$0        | <b>\$0</b>       |
| 2014         | \$0              | \$0        | <b>\$0</b>       |
| 2015         | \$0              | \$0        | <b>\$0</b>       |
| 2016         | \$0              | \$0        | <b>\$0</b>       |
| 2017         | \$0              | \$0        | <b>\$0</b>       |
| 2018         | \$55,000         | \$0        | <b>\$55,000</b>  |
| 2019         | \$573,590        | \$0        | <b>\$573,590</b> |
| 2020         | \$0              | \$0        | <b>\$0</b>       |
| 2021         | \$0              | \$0        | <b>\$0</b>       |
| <b>Total</b> | <b>\$628,590</b> | <b>\$0</b> | <b>\$628,590</b> |

### Project Cost Estimates By Year

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

# 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*

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### 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                | <b>\$0</b>         |
| 2012         | \$0                | \$0                | <b>\$0</b>         |
| 2013         | \$0                | \$0                | <b>\$0</b>         |
| 2014         | \$0                | \$0                | <b>\$0</b>         |
| 2015         | \$0                | \$0                | <b>\$0</b>         |
| 2016         | \$0                | \$0                | <b>\$0</b>         |
| 2017         | \$346,130          | \$230,760          | <b>\$576,890</b>   |
| 2018         | \$3,490,030        | \$2,326,680        | <b>\$5,816,710</b> |
| 2019         | \$0                | \$0                | <b>\$0</b>         |
| 2020         | \$0                | \$0                | <b>\$0</b>         |
| 2021         | \$0                | \$0                | <b>\$0</b>         |
| <b>Total</b> | <b>\$3,836,160</b> | <b>\$2,557,440</b> | <b>\$6,393,600</b> |

### Project Cost Estimates By Year

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

# Collection Projects

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Chris Matkins

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Project Category:  
Planning/Construction

Project Numbers:  
Various

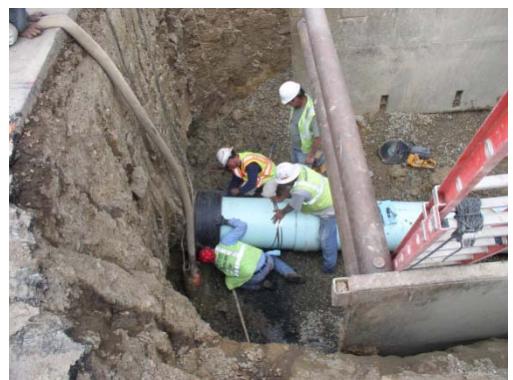
Duration:  
2012-2021

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

## Project Cost Estimates By Year

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

# Extension and Oversizing Projects

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Chris Watkins

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Project Category:  
*Planning/Construction*

Project Numbers:  
*Various*

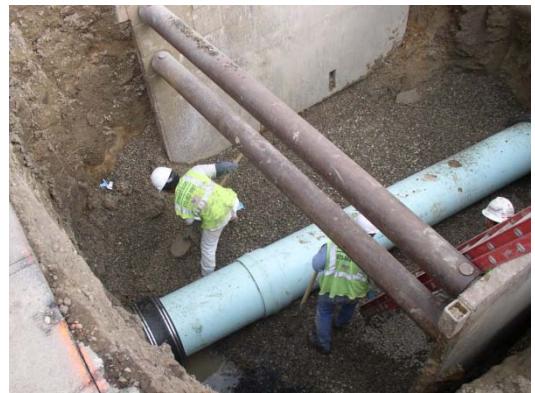
Duration:  
2012-2021

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**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         | <b>\$50,000</b>  |
| 2013         | \$0        | \$51,290         | <b>\$51,290</b>  |
| 2014         | \$0        | \$52,600         | <b>\$52,600</b>  |
| 2015         | \$0        | \$53,930         | <b>\$53,930</b>  |
| 2016         | \$0        | \$55,230         | <b>\$55,230</b>  |
| 2017         | \$0        | \$56,490         | <b>\$56,490</b>  |
| 2018         | \$0        | \$57,710         | <b>\$57,710</b>  |
| 2019         | \$0        | \$58,900         | <b>\$58,900</b>  |
| 2020         | \$0        | \$60,060         | <b>\$60,060</b>  |
| 2021         | \$0        | \$61,200         | <b>\$61,200</b>  |
| <b>Total</b> | <b>\$0</b> | <b>\$557,410</b> | <b>\$557,410</b> |

## Project Cost Estimates By Year

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

# Fairgrounds/ Namaqua Interceptor Rehab – St. Louis to Lincoln

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Chris Watkins

Phone Number:  
970.962.3712

Email:  
[matkic@ci.loveland.co.us](mailto: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              |
| <b>Total</b> | <b>\$545,600</b> | <b>\$0</b> | <b>\$545,600</b> |

## 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              |
| <b>Total</b> | <b>\$0</b> | <b>\$545,600</b> | <b>\$545,600</b> |

# Rehab of Boyd Interceptor (Phases 5-7)

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Chris Watkins

Phone Number:  
970.962.3712

Email:  
[matkic@ci.loveland.co.us](mailto: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        | <b>\$546,530</b>   |
| 2012         | \$0                | \$0        | <b>\$0</b>         |
| 2013         | \$0                | \$0        | <b>\$0</b>         |
| 2014         | \$0                | \$0        | <b>\$0</b>         |
| 2015         | \$0                | \$0        | <b>\$0</b>         |
| 2016         | \$0                | \$0        | <b>\$0</b>         |
| 2017         | \$0                | \$0        | <b>\$0</b>         |
| 2018         | \$0                | \$0        | <b>\$0</b>         |
| 2019         | \$610,870          | \$0        | <b>\$610,870</b>   |
| 2020         | \$622,940          | \$0        | <b>\$622,940</b>   |
| 2021         | \$634,720          | \$0        | <b>\$634,720</b>   |
| <b>Total</b> | <b>\$2,415,060</b> | <b>\$0</b> | <b>\$2,415,060</b> |

## Project Cost Estimates By Year

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

## About the Project

# Sewer Line Rehabilitation Projects

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
*Chris Watkins*

Phone Number:  
970.962.3712

Email:  
[matkic@ci.loveland.co.us](mailto: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        | <b>\$161,620</b> |
| 2013         | \$347,330        | \$0             | <b>\$347,330</b> |
| 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              |
| <b>Total</b> | <b>\$476,630</b> | <b>\$32,320</b> | <b>\$508,950</b> |

## Project Cost Estimates By Year

| Elements     | Planning        | Construction     | Total            |
|--------------|-----------------|------------------|------------------|
| Prior        | \$0             | \$0              | \$0              |
| 2012         | \$50,000        | \$111,620        | <b>\$161,620</b> |
| 2013         | \$0             | \$347,330        | <b>\$347,330</b> |
| 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              |
| <b>Total</b> | <b>\$50,000</b> | <b>\$458,950</b> | <b>\$508,950</b> |

## About the Project

## Line

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Chris Matkins

Phone Number:  
970.962.3712

Email:  
[matkic@ci.loveland.co.us](mailto: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          | <b>\$288,580</b>   |
| 2015         | \$0        | \$2,628,970        | <b>\$2,628,970</b> |
| 2016         | \$0        | \$0                | \$0                |
| 2017         | \$0        | \$0                | \$0                |
| 2018         | \$0        | \$0                | \$0                |
| 2019         | \$0        | \$0                | \$0                |
| 2020         | \$0        | \$0                | \$0                |
| 2021         | \$0        | \$0                | \$0                |
| <b>Total</b> | <b>\$0</b> | <b>\$2,917,550</b> | <b>\$2,917,550</b> |

### 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                | <b>\$288,580</b>   |
| 2015         | \$0              | \$2,628,970        | <b>\$2,628,970</b> |
| 2016         | \$0              | \$0                | \$0                |
| 2017         | \$0              | \$0                | \$0                |
| 2018         | \$0              | \$0                | \$0                |
| 2019         | \$0              | \$0                | \$0                |
| 2020         | \$0              | \$0                | \$0                |
| 2021         | \$0              | \$0                | \$0                |
| <b>Total</b> | <b>\$288,580</b> | <b>\$2,628,970</b> | <b>\$2,917,550</b> |

### 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](mailto: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 3<sup>rd</sup> 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              |
| <b>Total</b> | <b>\$0</b> | <b>\$961,860</b> | <b>\$961,860</b> |

## 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              |
| <b>Total</b> | <b>\$159,950</b> | <b>\$801,910</b> | <b>\$961,860</b> |

# Line Interceptor Relief

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
*Chris Watkins*

Phone Number:  
970.962.3712

Email:  
[matkic@ci.loveland.co.us](mailto: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 29<sup>th</sup> Street, and 29<sup>th</sup> Street to 37<sup>th</sup> Street. The alignment has not been specified yet.



## Funding Sources

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

## Project Cost Estimates By Year

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

# Projects

\*\*\*\*\*

Department:  
Water & Power

Division:  
Wastewater

Project Manager:  
Steve Adams

Phone Number:  
970.962.3559

Email:  
[adamss@ci.loveland.co.us](mailto: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        | <b>\$0</b>       |
| 2012         | \$8,000          | \$0        | <b>\$8,000</b>   |
| 2013         | \$24,510         | \$0        | <b>\$24,510</b>  |
| 2014         | \$14,730         | \$0        | <b>\$14,730</b>  |
| 2015         | \$15,910         | \$0        | <b>\$15,910</b>  |
| 2016         | \$20,310         | \$0        | <b>\$20,310</b>  |
| 2017         | \$20,770         | \$0        | <b>\$20,770</b>  |
| 2018         | \$21,220         | \$0        | <b>\$21,220</b>  |
| 2019         | \$21,650         | \$0        | <b>\$21,650</b>  |
| 2020         | \$22,080         | \$0        | <b>\$22,080</b>  |
| 2021         | \$22,500         | \$0        | <b>\$22,500</b>  |
| <b>Total</b> | <b>\$191,680</b> | <b>\$0</b> | <b>\$191,680</b> |

## Project Cost Estimates By Year

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

# Water Treatment Plant Projects

\*\*\*\*\*

Department:  
Water & Power

Division:  
Water

Project Manager:  
John McGee

Phone Number:  
970.962.3760

Email:  
[mcgeej@ci.loveland.co.us](mailto:mcgeej@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        | <b>\$0</b>       |
| 2012         | \$93,970         | \$0        | <b>\$93,970</b>  |
| 2013         | \$0              | \$0        | <b>\$0</b>       |
| 2014         | \$0              | \$0        | <b>\$0</b>       |
| 2015         | \$0              | \$0        | <b>\$0</b>       |
| 2016         | \$95,120         | \$0        | <b>\$95,120</b>  |
| 2017         | \$59,040         | \$0        | <b>\$59,040</b>  |
| 2018         | \$455,510        | \$0        | <b>\$455,510</b> |
| 2019         | \$0              | \$0        | <b>\$0</b>       |
| 2020         | \$0              | \$0        | <b>\$0</b>       |
| 2021         | \$0              | \$0        | <b>\$0</b>       |
| <b>Total</b> | <b>\$703,640</b> | <b>\$0</b> | <b>\$703,640</b> |

## Project Cost Estimates By Year

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

# Filter Plant Projects

\*\*\*\*\*

Department:  
Water & Power

Division:  
Water

Project Manager:  
John McGee

Phone Number:  
970.962.3760

Email:  
[mcgeej@ci.loveland.co.us](mailto: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, an 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          |
| <b>Total</b> | <b>\$2,304,200</b> | <b>\$7,326,950</b> | <b>\$9,631,150</b> |

## 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          |
| <b>Total</b> | <b>\$1,160,710</b> | <b>\$8,470,440</b> | <b>\$9,631,150</b> |

# Solids Dewatering and Handling

\*\*\*\*\*

Department:  
Water & Power

Division:  
Water

Project Manager:  
John McGee

Phone Number:  
970.962.3760

Email:  
[mcgeej@ci.loveland.co.us](mailto:mcgeej@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                |
| <b>Total</b> | <b>\$0</b> | <b>\$4,300,120</b> | <b>\$4,300,120</b> |

## 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                |
| <b>Total</b> | <b>\$714,040</b> | <b>\$3,586,080</b> | <b>\$4,300,120</b> |

# 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](mailto: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              |
| <b>Total</b> | <b>\$281,390</b> | <b>\$281,390</b> | <b>\$562,780</b> |

## 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              |
| <b>Total</b> | <b>\$109,850</b> | <b>\$452,930</b> | <b>\$562,780</b> |

# 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](mailto: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          |
| <b>Total</b> | <b>\$517,640</b> | <b>\$2,056,600</b> | <b>\$2,574,240</b> |

## 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          |
| <b>Total</b> | <b>\$446,680</b> | <b>\$2,127,560</b> | <b>\$2,574,240</b> |

# 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](mailto: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                | <b>\$0</b>         |
| 2012         | \$0                | \$0                | <b>\$0</b>         |
| 2013         | \$0                | \$0                | <b>\$0</b>         |
| 2014         | \$0                | \$0                | <b>\$0</b>         |
| 2015         | \$0                | \$0                | <b>\$0</b>         |
| 2016         | \$0                | \$0                | <b>\$0</b>         |
| 2017         | \$375,845          | \$375,845          | <b>\$751,690</b>   |
| 2018         | \$2,012,100        | \$2,012,100        | <b>\$4,024,200</b> |
| 2019         | \$2,047,015        | \$2,047,015        | <b>\$4,094,030</b> |
| 2020         | \$0                | \$0                | <b>\$0</b>         |
| 2021         | \$0                | \$0                | <b>\$0</b>         |
| <b>Total</b> | <b>\$4,434,960</b> | <b>\$4,434,960</b> | <b>\$8,869,920</b> |

### Project Cost Estimates By Year

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

# 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](mailto: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              | <b>\$0</b>         |
| 2012         | \$0              | \$0              | <b>\$0</b>         |
| 2013         | \$0              | \$0              | <b>\$0</b>         |
| 2014         | \$0              | \$0              | <b>\$0</b>         |
| 2015         | \$179,140        | \$417,980        | <b>\$597,120</b>   |
| 2016         | \$154,730        | \$361,040        | <b>\$515,770</b>   |
| 2017         | \$0              | \$0              | <b>\$0</b>         |
| 2018         | \$0              | \$0              | <b>\$0</b>         |
| 2019         | \$0              | \$0              | <b>\$0</b>         |
| 2020         | \$0              | \$0              | <b>\$0</b>         |
| 2021         | \$0              | \$0              | <b>\$0</b>         |
| <b>Total</b> | <b>\$333,870</b> | <b>\$779,020</b> | <b>\$1,112,890</b> |

## Project Cost Estimates By Year

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

# Miscellaneous Transmission & Distribution Projects

\*\*\*\*\*

Department:  
Water & Power

Division:  
Water

Project Manager:  
*Chris Matkins*

Phone Number:  
970.962.3712

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

## Project Cost Estimates By Year

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

# Water Line Replacements

\*\*\*\*\*

Department:  
Water & Power

Division:  
Water

Project Manager:  
Chris Watkins

Phone Number:  
970.962.3712

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[matkic@ci.loveland.co.us](mailto: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        | <b>\$0</b>         |
| 2012         | \$16,500           | \$0        | <b>\$16,500</b>    |
| 2013         | \$961,010          | \$0        | <b>\$961,010</b>   |
| 2014         | \$695,650          | \$0        | <b>\$695,650</b>   |
| 2015         | \$260,390          | \$0        | <b>\$260,390</b>   |
| 2016         | \$647,620          | \$0        | <b>\$647,620</b>   |
| 2017         | \$1,402,260        | \$0        | <b>\$1,402,260</b> |
| 2018         | \$0                | \$0        | <b>\$0</b>         |
| 2019         | \$1,593,690        | \$0        | <b>\$1,593,690</b> |
| 2020         | \$2,716,130        | \$0        | <b>\$2,716,130</b> |
| 2021         | \$0                | \$0        | <b>\$0</b>         |
| <b>Total</b> | <b>\$8,293,250</b> | <b>\$0</b> | <b>\$8,293,250</b> |

## Project Cost Estimates By Year

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

# Extension and Oversizing Projects

\*\*\*\*\*

Department:  
Water & Power

Division:  
Water

Project Manager:  
*Chris Matkins*

Phone Number:  
970.962.3712

Email:  
[matkic@ci.loveland.co.us](mailto: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          |
| <b>Total</b> | <b>\$381,220</b> | <b>\$1,913,300</b> | <b>\$2,294,520</b> |

## 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          |
| <b>Total</b> | <b>\$438,190</b> | <b>\$1,856,330</b> | <b>\$2,294,520</b> |

# 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](mailto: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                | <b>\$0</b>         |
| 2012         | \$319,080          | \$957,230          | <b>\$1,276,310</b> |
| 2013         | \$0                | \$0                | <b>\$0</b>         |
| 2014         | \$0                | \$0                | <b>\$0</b>         |
| 2015         | \$0                | \$0                | <b>\$0</b>         |
| 2016         | \$0                | \$0                | <b>\$0</b>         |
| 2017         | \$0                | \$0                | <b>\$0</b>         |
| 2018         | \$0                | \$0                | <b>\$0</b>         |
| 2019         | \$57,990           | \$231,960          | <b>\$289,950</b>   |
| 2020         | \$639,590          | \$2,558,370        | <b>\$3,197,960</b> |
| 2021         | \$0                | \$0                | <b>\$0</b>         |
| <b>Total</b> | <b>\$1,016,660</b> | <b>\$3,747,560</b> | <b>\$4,764,220</b> |

### Project Cost Estimates By Year

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

# Morning Dr. Pump Station upgrade

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Department:  
Water & Power

Division:  
Water

Project Manager:  
*Chris Watkins*

Phone Number:  
970.962.3712

Email:  
[matkic@ci.loveland.co.us](mailto: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 29<sup>th</sup> Street storage tank, which serves over a quarter of the City's customers. The equipment is aging and the pump station will require an upgrade to re-size the facilities to meet the needs of the City's growing system.



## Funding Sources

| Revenue      | Water Fund | 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                |
| <b>Total</b> | <b>\$0</b> | <b>\$1,226,550</b> | <b>\$1,226,550</b> |

## 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                |
| <b>Total</b> | <b>\$381,750</b> | <b>\$844,800</b> | <b>\$1,226,550</b> |

# Tank Projects

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Department:  
*Water & Power*

Division:  
*Water*

Project Manager:  
*Chris Matkins*

Phone Number:  
970.962.3712

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

Project Category:  
*Planning/Construction*

Project Number:  
*Various*

Duration:  
*2013-2018*

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**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 43<sup>rd</sup> Street.



## Funding Sources

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

## Project Cost Estimates By Year

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

# East Gravity Zone – Mountain View Discharge

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Department:  
Water & Power

Division:  
Water

Project Manager:  
*Chris Watkins*

Phone Number:  
970.962.3712

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

Project Category:  
*Planning/Construction*

Project Number:  
*Various*

Duration:  
2020-2021

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**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              | <b>\$0</b>       |
| 2012         | \$0             | \$0              | <b>\$0</b>       |
| 2013         | \$0             | \$0              | <b>\$0</b>       |
| 2014         | \$0             | \$0              | <b>\$0</b>       |
| 2015         | \$0             | \$0              | <b>\$0</b>       |
| 2016         | \$0             | \$0              | <b>\$0</b>       |
| 2017         | \$0             | \$0              | <b>\$0</b>       |
| 2018         | \$0             | \$0              | <b>\$0</b>       |
| 2019         | \$0             | \$0              | <b>\$0</b>       |
| 2020         | \$16,190        | \$145,680        | <b>\$161,870</b> |
| 2021         | \$50,740        | \$456,620        | <b>\$507,360</b> |
| <b>Total</b> | <b>\$66,930</b> | <b>\$602,300</b> | <b>\$669,230</b> |

## Project Cost Estimates By Year

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

# Misc. Water General Plant Projects

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Department:  
Water & Power

Division:  
Water

Project Manager:  
*Chris Watkins*

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Project Category:  
*Construction*

Project Number:  
WA930

Duration:  
2011-2020

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**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         |
| <b>Total</b> | <b>\$321,250</b> | <b>\$0</b> | <b>\$321,250</b> |

## 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         |
| <b>Total</b> | <b>\$0</b> | <b>\$321,250</b> | <b>\$321,250</b> |