

## 2019-2028 Stormwater Utility Capital Program

|  | 2019          | 2020          | 2021         | 2022         | 2023         | Five Year<br>Total | 2024         | 2025          | 2026          | 2027          | 2028          | Ten Year<br>Total |
|--|---------------|---------------|--------------|--------------|--------------|--------------------|--------------|---------------|---------------|---------------|---------------|-------------------|
| <b>Revenue</b>                                       |               |               |              |              |              |                    |              |               |               |               |               |                   |
| <b>Beginning Balance</b>                             | \$ 7,121,938  | \$ 5,792,268  | \$ 4,147,773 | \$ 4,512,096 | \$ 5,050,746 | \$ 7,121,938       | \$ 4,501,706 | \$ 5,602,476  | \$ 9,330,526  | \$ 9,961,516  | \$ 11,035,606 | \$ 7,121,938      |
| A Operating Revenues                                 | 3,807,400     | 3,964,070     | 3,808,960    | 3,863,540    | 3,918,150    | 19,362,120         | 3,972,720    | 3,953,860     | 3,932,150     | 3,907,460     | 3,907,460     | 39,035,770        |
| B SIF Revenue  | 421,810       | 485,080       | 557,840      | 641,520      | 737,750      | 2,844,000          | 848,410      | 975,670       | 1,122,020     | 1,290,320     | 1,290,320     | 8,370,740         |
| C Interest on Investments/Income                     | 80,070        | 88,500        | 50,400       | 58,890       | 69,630       | 347,490            | 47,640       | 76,520        | 77,970        | 97,760        | -             | 647,380           |
| <b>Total Revenue</b>                                 | \$ 11,431,218 | \$ 10,329,918 | \$ 8,564,973 | \$ 9,076,046 | \$ 9,776,276 | \$ 29,675,548      | \$ 9,370,476 | \$ 10,608,526 | \$ 14,462,666 | \$ 15,257,056 | \$ 16,233,386 | \$ 55,175,828     |
| <b>Expenditures</b>                                  |               |               |              |              |              |                    |              |               |               |               |               |                   |
| <b>Capital Projects</b>                              |               |               |              |              |              |                    |              |               |               |               |               |                   |
| 1 SWA - 22nd Street Storm Sewer (Van Buren to Taft)  | -             | -             | -            | -            | -            | -                  | -            | -             | -             | 144,000       | -             | 144,000           |
| 2 SWA - 29th & Monroe Outfall (Phase 2 - Dry Creek)  | 1,196,850     | -             | -            | -            | -            | 1,196,850          | -            | -             | -             | -             | -             | 1,196,850         |
| 3 SWA - 29th & Sheridan Stormwater Improvements      | -             | 60,000        | 333,300      | -            | -            | 393,300            | -            | -             | -             | -             | -             | 393,300           |
| 4 SWA - Benson Park (29th Street Culvert)            | 707,000       | -             | -            | -            | -            | 707,000            | -            | -             | -             | -             | -             | 707,000           |
| 5 SWA - Boyd Lake Outlet Ditch Improvements          | -             | -             | 1,649,078    | -            | 757,500      | 2,406,578          | -            | -             | -             | -             | -             | 2,406,578         |
| 6 SWA - Dry Creek at 37th Street Improvements        | 1,777,600     | -             | -            | -            | -            | 1,777,600          | -            | -             | -             | -             | -             | 1,777,600         |
| 7 SWA - Engineering, Surveying, Geotechnical Svcs.   | 150,000       | 150,000       | 210,000      | 175,000      | 175,000      | 860,000            | 190,000      | 175,000       | 175,000       | 195,000       | 175,000       | 1,770,000         |
| 8 SWA - Garfield & Harrison Outfall                  | 325,000       | -             | 209,800      | 3,120,900    | 3,178,470    | 6,834,170          | 394,100      | -             | 2,843,150     | 3,277,450     | -             | 13,348,870        |
| 9 SWA - Hogback Basin Outfall                        | -             | -             | -            | 224,400      | -            | 224,400            | 1,888,700    | -             | -             | -             | -             | 2,113,100         |
| 10 SWA - Maintenance & Asset Management Projects     | 404,000       | 50,500        | 404,000      | 404,000      | 404,000      | 1,666,500          | 404,000      | 404,000       | 404,000       | 404,000       | 404,000       | 3,686,500         |
| 11 SWA - Millennium SW 9th Subdivision Outfall       | 75,000        | -             | 303,000      | -            | -            | 378,000            | -            | -             | -             | -             | -             | 378,000           |
| 12 SWA - Silver Lake Improvements (North Phase)      | -             | -             | -            | -            | -            | -                  | -            | -             | -             | 100,000       | -             | 100,000           |
| 13 SWA - Silver Lake Improvements (South Phase)      | -             | 100,000       | 474,700      | -            | -            | 574,700            | -            | -             | -             | -             | -             | 574,700           |
| 14 SWA - South Loveland Outfall (Phase 3)            | -             | 5,367,645     | -            | -            | -            | 5,367,645          | -            | -             | -             | -             | -             | 5,367,645         |
| 15 SWA - South Rist Benson Lake Outfall              | -             | -             | -            | -            | -            | -                  | -            | 50,000        | -             | -             | 190,000       | 240,000           |
| 16 SWA - Stormwater Quality Retrofits                | 101,000       | 101,000       | 101,000      | 101,000      | 101,000      | 505,000            | 101,000      | 101,000       | 101,000       | 101,000       | 101,000       | 1,010,000         |
| 17 SWA - Wilson & Eisenhower Stormwater Improvements | -             | -             | -            | -            | -            | -                  | -            | -             | 457,000       | -             | 2,307,850     | 2,764,850         |
| 18 SWA - Wilson Avenue Basin Master Plan Update      | 45,000        | -             | -            | -            | -            | 45,000             | -            | -             | -             | -             | -             | 45,000            |
| <b>Subtotal Capital Projects</b>                     | \$ 4,781,450  | \$ 5,829,145  | \$ 3,684,878 | \$ 4,025,300 | \$ 4,615,970 | \$ 22,936,743      | \$ 2,977,800 | \$ 730,000    | \$ 3,980,150  | \$ 4,221,450  | \$ 3,177,850  | \$ 38,023,993     |
| <b>New &amp; Replacement Equipment</b>               |               |               |              |              |              |                    |              |               |               |               |               |                   |
| 19 SWA - New & Replacement Equipment                 | 857,500       | 353,000       | 368,000      | -            | 658,600      | 2,237,100          | 790,200      | 548,000       | 521,000       | -             | 484,000       | 4,580,300         |
| <b>Subtotal New &amp; Replacement Equipment</b>      | \$ 857,500    | \$ 353,000    | \$ 368,000   | \$ -         | \$ 658,600   | \$ 2,237,100       | \$ 790,200   | \$ 548,000    | \$ 521,000    | \$ -          | \$ 484,000    | \$ 4,580,300      |
| <b>Total Capital Projects &amp; Equipment</b>        | \$ 5,638,950  | \$ 6,182,145  | \$ 4,052,878 | \$ 4,025,300 | \$ 5,274,570 | \$ 25,173,843      | \$ 3,768,000 | \$ 1,278,000  | \$ 4,501,150  | \$ 4,221,450  | \$ 3,661,850  | \$ 42,604,293     |
| <b>Reserve for Future Capital Projects</b>           | \$ 5,792,268  | \$ 4,147,773  | \$ 4,512,096 | \$ 5,050,746 | \$ 4,501,706 | \$ 4,501,706       | \$ 5,602,476 | \$ 9,330,526  | \$ 9,961,516  | \$ 11,035,606 | \$ 12,571,536 | \$ 12,571,536     |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - 22nd Street Storm Sewer (Van Buren to Taft)

**REQUEST CODE**

CIP-345-23-283-0000-19-064

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This project will provide a master planned storm sewer system from Lake Loveland across Taft Avenue and west up 22nd Street to Van Buren Avenue. The primary problem area is the 22nd Street and Taft Avenue intersection with minor drainage problems occurring further west. This project may be phased to address the most immediate problem area while providing for the allowance to extend the storm sewer west in 22nd Street.

**Capital Items**

|              | 2019     | 2020     | 2021     | 2022     | 2023     | 2024-2028      | Total          |
|--------------|----------|----------|----------|----------|----------|----------------|----------------|
| Engineering  | 0        | 0        | 0        | 0        | 0        | 144,000        | 144,000        |
| <b>Total</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>144,000</b> | <b>144,000</b> |

**Funding Sources**

|                         | 2019     | 2020     | 2021     | 2022     | 2023     | 2024-2028      | Total          |
|-------------------------|----------|----------|----------|----------|----------|----------------|----------------|
| Stormwater Fund Balance | 0        | 0        | 0        | 0        | 0        | 144,000        | 144,000        |
| <b>Total</b>            | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>144,000</b> | <b>144,000</b> |



**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - 29th & Sheridan Stormwater Improvements

**REQUEST CODE**

CIP-345-23-283-0000-19-065

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



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

**Capital Items**

|                 | 2019     | 2020          | 2021           | 2022     | 2023     | 2024-2028 | Total          |
|-----------------|----------|---------------|----------------|----------|----------|-----------|----------------|
| Engineering     | 0        | 60,000        | 0              | 0        | 0        | 0         | 60,000         |
| Construction    | 0        | 0             | 330,000        | 0        | 0        | 0         | 330,000        |
| 1% for the Arts | 0        | 0             | 3,300          | 0        | 0        | 0         | 3,300          |
| <b>Total</b>    | <b>0</b> | <b>60,000</b> | <b>333,300</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>393,300</b> |

**Funding Sources**

|                         | 2019     | 2020          | 2021           | 2022     | 2023     | 2024-2028 | Total          |
|-------------------------|----------|---------------|----------------|----------|----------|-----------|----------------|
| Stormwater Fund Balance | 0        | 60,000        | 333,300        | 0        | 0        | 0         | 393,300        |
| <b>Total</b>            | <b>0</b> | <b>60,000</b> | <b>333,300</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>393,300</b> |

## 2019-2028 Stormwater Utility Capital Program

|  | 2019          | 2020          | 2021         | 2022         | 2023         | Five Year<br>Total | 2024         | 2025          | 2026          | 2027          | 2028          | Ten Year<br>Total |
|--|---------------|---------------|--------------|--------------|--------------|--------------------|--------------|---------------|---------------|---------------|---------------|-------------------|
| <b>Revenue</b>                                       |               |               |              |              |              |                    |              |               |               |               |               |                   |
| <b>Beginning Balance</b>                             | \$ 7,121,938  | \$ 5,792,268  | \$ 4,147,773 | \$ 4,512,096 | \$ 5,050,746 | \$ 7,121,938       | \$ 4,501,706 | \$ 5,602,476  | \$ 9,330,526  | \$ 9,961,516  | \$ 11,035,606 | \$ 7,121,938      |
| A Operating Revenues                                 | 3,807,400     | 3,964,070     | 3,808,960    | 3,863,540    | 3,918,150    | 19,362,120         | 3,972,720    | 3,953,860     | 3,932,150     | 3,907,460     | 3,907,460     | 39,035,770        |
| B SIF Revenue  | 421,810       | 485,080       | 557,840      | 641,520      | 737,750      | 2,844,000          | 848,410      | 975,670       | 1,122,020     | 1,290,320     | 1,290,320     | 8,370,740         |
| C Interest on Investments/Income                     | 80,070        | 88,500        | 50,400       | 58,890       | 69,630       | 347,490            | 47,640       | 76,520        | 77,970        | 97,760        | -             | 647,380           |
| <b>Total Revenue</b>                                 | \$ 11,431,218 | \$ 10,329,918 | \$ 8,564,973 | \$ 9,076,046 | \$ 9,776,276 | \$ 29,675,548      | \$ 9,370,476 | \$ 10,608,526 | \$ 14,462,666 | \$ 15,257,056 | \$ 16,233,386 | \$ 55,175,828     |
| <b>Expenditures</b>                                  |               |               |              |              |              |                    |              |               |               |               |               |                   |
| <b>Capital Projects</b>                              |               |               |              |              |              |                    |              |               |               |               |               |                   |
| 1 SWA - 22nd Street Storm Sewer (Van Buren to Taft)  | -             | -             | -            | -            | -            | -                  | -            | -             | -             | 144,000       | -             | 144,000           |
| 2 SWA - 29th & Monroe Outfall (Phase 2 - Dry Creek)  | 1,196,850     | -             | -            | -            | -            | 1,196,850          | -            | -             | -             | -             | -             | 1,196,850         |
| 3 SWA - 29th & Sheridan Stormwater Improvements      | -             | 60,000        | 333,300      | -            | -            | 393,300            | -            | -             | -             | -             | -             | 393,300           |
| 4 SWA - Benson Park (29th Street Culvert)            | 707,000       | -             | -            | -            | -            | 707,000            | -            | -             | -             | -             | -             | 707,000           |
| 5 SWA - Boyd Lake Outlet Ditch Improvements          | -             | -             | 1,649,078    | -            | 757,500      | 2,406,578          | -            | -             | -             | -             | -             | 2,406,578         |
| 6 SWA - Dry Creek at 37th Street Improvements        | 1,777,600     | -             | -            | -            | -            | 1,777,600          | -            | -             | -             | -             | -             | 1,777,600         |
| 7 SWA - Engineering, Surveying, Geotechnical Svcs.   | 150,000       | 150,000       | 210,000      | 175,000      | 175,000      | 860,000            | 190,000      | 175,000       | 175,000       | 195,000       | 175,000       | 1,770,000         |
| 8 SWA - Garfield & Harrison Outfall                  | 325,000       | -             | 209,800      | 3,120,900    | 3,178,470    | 6,834,170          | 394,100      | -             | 2,843,150     | 3,277,450     | -             | 13,348,870        |
| 9 SWA - Hogback Basin Outfall                        | -             | -             | -            | 224,400      | -            | 224,400            | 1,888,700    | -             | -             | -             | -             | 2,113,100         |
| 10 SWA - Maintenance & Asset Management Projects     | 404,000       | 50,500        | 404,000      | 404,000      | 404,000      | 1,666,500          | 404,000      | 404,000       | 404,000       | 404,000       | 404,000       | 3,686,500         |
| 11 SWA - Millennium SW 9th Subdivision Outfall       | 75,000        | -             | 303,000      | -            | -            | 378,000            | -            | -             | -             | -             | -             | 378,000           |
| 12 SWA - Silver Lake Improvements (North Phase)      | -             | -             | -            | -            | -            | -                  | -            | -             | -             | 100,000       | -             | 100,000           |
| 13 SWA - Silver Lake Improvements (South Phase)      | -             | 100,000       | 474,700      | -            | -            | 574,700            | -            | -             | -             | -             | -             | 574,700           |
| 14 SWA - South Loveland Outfall (Phase 3)            | -             | 5,367,645     | -            | -            | -            | 5,367,645          | -            | -             | -             | -             | -             | 5,367,645         |
| 15 SWA - South Rist Benson Lake Outfall              | -             | -             | -            | -            | -            | -                  | -            | 50,000        | -             | -             | 190,000       | 240,000           |
| 16 SWA - Stormwater Quality Retrofits                | 101,000       | 101,000       | 101,000      | 101,000      | 101,000      | 505,000            | 101,000      | 101,000       | 101,000       | 101,000       | 101,000       | 1,010,000         |
| 17 SWA - Wilson & Eisenhower Stormwater Improvements | -             | -             | -            | -            | -            | -                  | -            | -             | 457,000       | -             | 2,307,850     | 2,764,850         |
| 18 SWA - Wilson Avenue Basin Master Plan Update      | 45,000        | -             | -            | -            | -            | 45,000             | -            | -             | -             | -             | -             | 45,000            |
| <b>Subtotal Capital Projects</b>                     | \$ 4,781,450  | \$ 5,829,145  | \$ 3,684,878 | \$ 4,025,300 | \$ 4,615,970 | \$ 22,936,743      | \$ 2,977,800 | \$ 730,000    | \$ 3,980,150  | \$ 4,221,450  | \$ 3,177,850  | \$ 38,023,993     |
| <b>New &amp; Replacement Equipment</b>               |               |               |              |              |              |                    |              |               |               |               |               |                   |
| 19 SWA - New & Replacement Equipment                 | 857,500       | 353,000       | 368,000      | -            | 658,600      | 2,237,100          | 790,200      | 548,000       | 521,000       | -             | 484,000       | 4,580,300         |
| <b>Subtotal New &amp; Replacement Equipment</b>      | \$ 857,500    | \$ 353,000    | \$ 368,000   | \$ -         | \$ 658,600   | \$ 2,237,100       | \$ 790,200   | \$ 548,000    | \$ 521,000    | \$ -          | \$ 484,000    | \$ 4,580,300      |
| <b>Total Capital Projects &amp; Equipment</b>        | \$ 5,638,950  | \$ 6,182,145  | \$ 4,052,878 | \$ 4,025,300 | \$ 5,274,570 | \$ 25,173,843      | \$ 3,768,000 | \$ 1,278,000  | \$ 4,501,150  | \$ 4,221,450  | \$ 3,661,850  | \$ 42,604,293     |
| <b>Reserve for Future Capital Projects</b>           | \$ 5,792,268  | \$ 4,147,773  | \$ 4,512,096 | \$ 5,050,746 | \$ 4,501,706 | \$ 4,501,706       | \$ 5,602,476 | \$ 9,330,526  | \$ 9,961,516  | \$ 11,035,606 | \$ 12,571,536 | \$ 12,571,536     |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - 22nd Street Storm Sewer (Van Buren to Taft)

**REQUEST CODE**

CIP-345-23-283-0000-19-064

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This project will provide a master planned storm sewer system from Lake Loveland across Taft Avenue and west up 22nd Street to Van Buren Avenue. The primary problem area is the 22nd Street and Taft Avenue intersection with minor drainage problems occurring further west. This project may be phased to address the most immediate problem area while providing for the allowance to extend the storm sewer west in 22nd Street.

**Capital Items**

|              | 2019     | 2020     | 2021     | 2022     | 2023     | 2024-2028      | Total          |
|--------------|----------|----------|----------|----------|----------|----------------|----------------|
| Engineering  | 0        | 0        | 0        | 0        | 0        | 144,000        | 144,000        |
| <b>Total</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>144,000</b> | <b>144,000</b> |

**Funding Sources**

|                         | 2019     | 2020     | 2021     | 2022     | 2023     | 2024-2028      | Total          |
|-------------------------|----------|----------|----------|----------|----------|----------------|----------------|
| Stormwater Fund Balance | 0        | 0        | 0        | 0        | 0        | 144,000        | 144,000        |
| <b>Total</b>            | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>144,000</b> | <b>144,000</b> |



**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - 29th & Sheridan Stormwater Improvements

**REQUEST CODE**

CIP-345-23-283-0000-19-065

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



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

**Capital Items**

|                 | 2019     | 2020          | 2021           | 2022     | 2023     | 2024-2028 | Total          |
|-----------------|----------|---------------|----------------|----------|----------|-----------|----------------|
| Engineering     | 0        | 60,000        | 0              | 0        | 0        | 0         | 60,000         |
| Construction    | 0        | 0             | 330,000        | 0        | 0        | 0         | 330,000        |
| 1% for the Arts | 0        | 0             | 3,300          | 0        | 0        | 0         | 3,300          |
| <b>Total</b>    | <b>0</b> | <b>60,000</b> | <b>333,300</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>393,300</b> |

**Funding Sources**

|                         | 2019     | 2020          | 2021           | 2022     | 2023     | 2024-2028 | Total          |
|-------------------------|----------|---------------|----------------|----------|----------|-----------|----------------|
| Stormwater Fund Balance | 0        | 60,000        | 333,300        | 0        | 0        | 0         | 393,300        |
| <b>Total</b>            | <b>0</b> | <b>60,000</b> | <b>333,300</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>393,300</b> |





**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Boyd Lake Outlet Ditch Improvements

**REQUEST CODE**

CIP-345-23-283-0000-19-068

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



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

**Capital Items**

|                 | 2019     | 2020     | 2021             | 2022     | 2023           | 2024-2028 | Total            |
|-----------------|----------|----------|------------------|----------|----------------|-----------|------------------|
| Construction    | 0        | 0        | 1,632,750        | 0        | 750,000        | 0         | 2,382,750        |
| 1% for the Arts | 0        | 0        | 16,328           | 0        | 7,500          | 0         | 23,828           |
| <b>Total</b>    | <b>0</b> | <b>0</b> | <b>1,649,078</b> | <b>0</b> | <b>757,500</b> | <b>0</b>  | <b>2,406,578</b> |

**Funding Sources**

|                     | 2019     | 2020     | 2021             | 2022     | 2023           | 2024-2028 | Total            |
|---------------------|----------|----------|------------------|----------|----------------|-----------|------------------|
| Stormwater SIF Fund | 0        | 0        | 1,649,078        | 0        | 757,500        | 0         | 2,406,578        |
| Balance             | 0        | 0        | 1,649,078        | 0        | 757,500        | 0         | 2,406,578        |
| <b>Total</b>        | <b>0</b> | <b>0</b> | <b>1,649,078</b> | <b>0</b> | <b>757,500</b> | <b>0</b>  | <b>2,406,578</b> |



**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Engineering, Surveying, Geotechnical Svcs.

**REQUEST CODE**

CIP-345-23-283-0000-19-070

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This is an annual program to address the engineering, surveying, and geotechnical services for miscellaneous small maintenance projects and unknown needs that arise each year. These projects are often unexpected, require fast turnaround, and are needed to address immediate needs.

**Capital Items**

|              | <b>2019</b>    | <b>2020</b>    | <b>2021</b>    | <b>2022</b>    | <b>2023</b>    | <b>2024-2028</b> | <b>Total</b>     |
|--------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|
| Engineering  | 150,000        | 150,000        | 210,000        | 175,000        | 175,000        | 910,000          | 1,770,000        |
| <b>Total</b> | <b>150,000</b> | <b>150,000</b> | <b>210,000</b> | <b>175,000</b> | <b>175,000</b> | <b>910,000</b>   | <b>1,770,000</b> |

**Funding Sources**

|                         | <b>2019</b>    | <b>2020</b>    | <b>2021</b>    | <b>2022</b>    | <b>2023</b>    | <b>2024-2028</b> | <b>Total</b>     |
|-------------------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|
| Stormwater Fund Balance | 150,000        | 150,000        | 210,000        | 175,000        | 175,000        | 910,000          | 1,770,000        |
| <b>Total</b>            | <b>150,000</b> | <b>150,000</b> | <b>210,000</b> | <b>175,000</b> | <b>175,000</b> | <b>910,000</b>   | <b>1,770,000</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Garfield & Harrison Outfall

**REQUEST CODE**

CIP-345-23-283-0000-19-071

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This project will reduce historic flooding problems within the residential neighborhood located between Garfield Avenue, Taft Avenue, 1st Street, and Eisenhower Boulevard. This project includes the installation of an underground storm drainage system which will outlet into the Big Thompson River south of 1st Street. The Stormwater Long-Term Financial Plan calls for the addition of a 1.0 FTE Civil Engineer in 2021 to assist with managing capital projects (the Garfield & Harrison Outfall project as well as others in order).

**Capital Items**

|                 | <b>2019</b>    | <b>2020</b> | <b>2021</b>    | <b>2022</b>      | <b>2023</b>      | <b>2024-2028</b> | <b>Total</b>      |
|-----------------|----------------|-------------|----------------|------------------|------------------|------------------|-------------------|
| Engineering     | 325,000        | 0           | 209,800        | 0                | 0                | 394,100          | 928,900           |
| Construction    | 0              | 0           | 0              | 3,090,000        | 3,147,000        | 6,060,000        | 12,297,000        |
| 1% for the Arts | 0              | 0           | 0              | 30,900           | 31,470           | 60,600           | 122,970           |
| <b>Total</b>    | <b>325,000</b> | <b>0</b>    | <b>209,800</b> | <b>3,120,900</b> | <b>3,178,470</b> | <b>6,514,700</b> | <b>13,348,870</b> |

**Funding Sources**

|                         | <b>2019</b>    | <b>2020</b> | <b>2021</b>    | <b>2022</b>      | <b>2023</b>      | <b>2024-2028</b> | <b>Total</b>      |
|-------------------------|----------------|-------------|----------------|------------------|------------------|------------------|-------------------|
| Stormwater Fund Balance | 325,000        | 0           | 209,800        | 3,120,900        | 3,178,470        | 6,514,700        | 13,348,870        |
| <b>Total</b>            | <b>325,000</b> | <b>0</b>    | <b>209,800</b> | <b>3,120,900</b> | <b>3,178,470</b> | <b>6,514,700</b> | <b>13,348,870</b> |

**Operating Budget**

| <b>Expenses</b> | <b>2019</b> | <b>2020</b> | <b>2021</b>    | <b>2022</b> | <b>2023</b> | <b>2024-2028</b> | <b>Total</b>   |
|-----------------|-------------|-------------|----------------|-------------|-------------|------------------|----------------|
| O & M Ongoing   | 0           | 0           | 146,000        | 0           | 0           | 0                | 146,000        |
| <b>Total</b>    | <b>0</b>    | <b>0</b>    | <b>146,000</b> | <b>0</b>    | <b>0</b>    | <b>0</b>         | <b>146,000</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Hogback Basin Outfall

**REQUEST CODE**

CIP-345-23-283-0000-19-073

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This project will provide a master planned storm sewer outfall from the Big Thompson River to the Hogback Basin crossing of Eisenhower Boulevard just east of Cascade Avenue, including local drainage connections at the highway. This project has moved up in priority due to over topping of Eisenhower Boulevard twice in 2014 and 2015.

**Capital Items**

|                 | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>2022</b>    | <b>2023</b> | <b>2024-2028</b> | <b>Total</b>     |
|-----------------|-------------|-------------|-------------|----------------|-------------|------------------|------------------|
| Engineering     | 0           | 0           | 0           | 224,400        | 0           | 0                | 224,400          |
| Construction    | 0           | 0           | 0           | 0              | 0           | 1,870,000        | 1,870,000        |
| 1% for the Arts | 0           | 0           | 0           | 0              | 0           | 18,700           | 18,700           |
| <b>Total</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>224,400</b> | <b>0</b>    | <b>1,888,700</b> | <b>2,113,100</b> |

**Funding Sources**

|                         | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>2022</b>    | <b>2023</b> | <b>2024-2028</b> | <b>Total</b>     |
|-------------------------|-------------|-------------|-------------|----------------|-------------|------------------|------------------|
| Stormwater Fund Balance | 0           | 0           | 0           | 224,400        | 0           | 1,888,700        | 2,113,100        |
| <b>Total</b>            | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>224,400</b> | <b>0</b>    | <b>1,888,700</b> | <b>2,113,100</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Maintenance & Asset Management Projects

**REQUEST CODE**

CIP-345-23-283-0000-19-074

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This annual program addresses deteriorating storm drainage infrastructure within the City. This program includes the replacement of inlets, manholes, storm sewers, channel re-grading, detention pond retrofits, and installing stormwater quality improvements. The annual funding is currently set at \$400,000 per year. Maintenance projects are prioritized and scheduled to remain within the allocation.

**Capital Items**

|                 | <b>2019</b>    | <b>2020</b>   | <b>2021</b>    | <b>2022</b>    | <b>2023</b>    | <b>2024-2028</b> | <b>Total</b>     |
|-----------------|----------------|---------------|----------------|----------------|----------------|------------------|------------------|
| Construction    | 400,000        | 50,000        | 400,000        | 400,000        | 400,000        | 2,000,000        | 3,650,000        |
| 1% for the Arts | 4,000          | 500           | 4,000          | 4,000          | 4,000          | 20,000           | 36,500           |
| <b>Total</b>    | <b>404,000</b> | <b>50,500</b> | <b>404,000</b> | <b>404,000</b> | <b>404,000</b> | <b>2,020,000</b> | <b>3,686,500</b> |

**Funding Sources**

|                         | <b>2019</b>    | <b>2020</b>   | <b>2021</b>    | <b>2022</b>    | <b>2023</b>    | <b>2024-2028</b> | <b>Total</b>     |
|-------------------------|----------------|---------------|----------------|----------------|----------------|------------------|------------------|
| Stormwater Fund Balance | 404,000        | 50,500        | 404,000        | 404,000        | 404,000        | 2,020,000        | 3,686,500        |
| <b>Total</b>            | <b>404,000</b> | <b>50,500</b> | <b>404,000</b> | <b>404,000</b> | <b>404,000</b> | <b>2,020,000</b> | <b>3,686,500</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Millennium SW 9th Subdivision Outfall

**REQUEST CODE**

CIP-345-23-283-0000-19-075

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This project will provide a new storm drainage outfall along the west side of CR-9E to the Big Thompson River, preventing stormwater from entering existing irrigation ditches and private property.

**Capital Items**

|                 | <b>2019</b>   | <b>2020</b> | <b>2021</b>    | <b>2022</b> | <b>2023</b> | <b>2024-2028</b> | <b>Total</b>   |
|-----------------|---------------|-------------|----------------|-------------|-------------|------------------|----------------|
| Engineering     | 75,000        | 0           | 0              | 0           | 0           | 0                | 75,000         |
| Construction    | 0             | 0           | 300,000        | 0           | 0           | 0                | 300,000        |
| 1% for the Arts | 0             | 0           | 3,000          | 0           | 0           | 0                | 3,000          |
| <b>Total</b>    | <b>75,000</b> | <b>0</b>    | <b>303,000</b> | <b>0</b>    | <b>0</b>    | <b>0</b>         | <b>378,000</b> |

**Funding Sources**

|                         | <b>2019</b>   | <b>2020</b> | <b>2021</b>    | <b>2022</b> | <b>2023</b> | <b>2024-2028</b> | <b>Total</b>   |
|-------------------------|---------------|-------------|----------------|-------------|-------------|------------------|----------------|
| Stormwater Fund Balance | 75,000        | 0           | 303,000        | 0           | 0           | 0                | 378,000        |
| <b>Total</b>            | <b>75,000</b> | <b>0</b>    | <b>303,000</b> | <b>0</b>    | <b>0</b>    | <b>0</b>         | <b>378,000</b> |



**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Silver Lake Improvements (North Phase)

**REQUEST CODE**

CIP-345-23-283-0000-19-083

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This project will replace an existing undersized storm sewer system between Silver Lake and Highway 287 at 23rd and Lincoln. The purpose of the project is to reduce existing drainage problems on Highway 287 in that area.

**Capital Items**

|              | 2019     | 2020     | 2021     | 2022     | 2023     | 2024-2028      | Total          |
|--------------|----------|----------|----------|----------|----------|----------------|----------------|
| Engineering  | 0        | 0        | 0        | 0        | 0        | 100,000        | 100,000        |
| <b>Total</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>100,000</b> | <b>100,000</b> |

**Funding Sources**

|                         | 2019     | 2020     | 2021     | 2022     | 2023     | 2024-2028      | Total          |
|-------------------------|----------|----------|----------|----------|----------|----------------|----------------|
| Stormwater Fund Balance | 0        | 0        | 0        | 0        | 0        | 100,000        | 100,000        |
| <b>Total</b>            | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>100,000</b> | <b>100,000</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Silver Lake Improvements (South Phase)

**REQUEST CODE**

CIP-345-23-283-0000-19-076

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This project will replace an existing undersized storm sewer system between Silver Lake and Highway 287 at 16th Street, including Maple and Crescent Drives. Local flooding problems impact Highway 287, businesses, and residents. The project will include larger pipe and inlets to meet current standards.

**Capital Items**

|                 | <b>2019</b> | <b>2020</b>    | <b>2021</b>    | <b>2022</b> | <b>2023</b> | <b>2024-2028</b> | <b>Total</b>   |
|-----------------|-------------|----------------|----------------|-------------|-------------|------------------|----------------|
| Engineering     | 0           | 100,000        | 0              | 0           | 0           | 0                | 100,000        |
| Construction    | 0           | 0              | 470,000        | 0           | 0           | 0                | 470,000        |
| 1% for the Arts | 0           | 0              | 4,700          | 0           | 0           | 0                | 4,700          |
| <b>Total</b>    | <b>0</b>    | <b>100,000</b> | <b>474,700</b> | <b>0</b>    | <b>0</b>    | <b>0</b>         | <b>574,700</b> |

**Funding Sources**

|                         | <b>2019</b> | <b>2020</b>    | <b>2021</b>    | <b>2022</b> | <b>2023</b> | <b>2024-2028</b> | <b>Total</b>   |
|-------------------------|-------------|----------------|----------------|-------------|-------------|------------------|----------------|
| Stormwater Fund Balance | 0           | 100,000        | 474,700        | 0           | 0           | 0                | 574,700        |
| <b>Total</b>            | <b>0</b>    | <b>100,000</b> | <b>474,700</b> | <b>0</b>    | <b>0</b>    | <b>0</b>         | <b>574,700</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - South Loveland Outfall (Phase 3)

**REQUEST CODE**

CIP-345-23-283-0000-19-077

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



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

**Capital Items**

|                 | 2019     | 2020             | 2021     | 2022     | 2023     | 2024-2028 | Total            |
|-----------------|----------|------------------|----------|----------|----------|-----------|------------------|
| Construction    | 0        | 5,314,500        | 0        | 0        | 0        | 0         | 5,314,500        |
| 1% for the Arts | 0        | 53,145           | 0        | 0        | 0        | 0         | 53,145           |
| <b>Total</b>    | <b>0</b> | <b>5,367,645</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>5,367,645</b> |

**Funding Sources**

|                         | 2019     | 2020             | 2021     | 2022     | 2023     | 2024-2028 | Total            |
|-------------------------|----------|------------------|----------|----------|----------|-----------|------------------|
| Stormwater Fund Balance | 0        | 5,367,645        | 0        | 0        | 0        | 0         | 5,367,645        |
| <b>Total</b>            | <b>0</b> | <b>5,367,645</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>5,367,645</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - South Rist Benson Lake Outfall

**REQUEST CODE**

CIP-345-23-283-0000-19-084

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



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

**Capital Items**

|              | 2019     | 2020     | 2021     | 2022     | 2023     | 2024-2028      | Total          |
|--------------|----------|----------|----------|----------|----------|----------------|----------------|
| Engineering  | 0        | 0        | 0        | 0        | 0        | 240,000        | 240,000        |
| <b>Total</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>240,000</b> | <b>240,000</b> |

**Funding Sources**

|                         | 2019     | 2020     | 2021     | 2022     | 2023     | 2024-2028      | Total          |
|-------------------------|----------|----------|----------|----------|----------|----------------|----------------|
| Stormwater Fund Balance | 0        | 0        | 0        | 0        | 0        | 240,000        | 240,000        |
| <b>Total</b>            | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>240,000</b> | <b>240,000</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Stormwater Quality Retrofits

**REQUEST CODE**

CIP-345-23-283-0000-19-078

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



An annual program to retrofit stormwater quality treatment measures into existing stormwater systems in order to improve the quality of waters receiving stormwater runoff. The program includes an annual expenditure of \$75,000 - \$100,000 for retrofit projects as it has historically along with funding for the 1% for the Arts.

**Capital Items**

|                 | <b>2019</b>    | <b>2020</b>    | <b>2021</b>    | <b>2022</b>    | <b>2023</b>    | <b>2024-2028</b> | <b>Total</b>     |
|-----------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|
| Construction    | 100,000        | 100,000        | 100,000        | 100,000        | 100,000        | 500,000          | 1,000,000        |
| 1% for the Arts | 1,000          | 1,000          | 1,000          | 1,000          | 1,000          | 5,000            | 10,000           |
| <b>Total</b>    | <b>101,000</b> | <b>101,000</b> | <b>101,000</b> | <b>101,000</b> | <b>101,000</b> | <b>505,000</b>   | <b>1,010,000</b> |

**Funding Sources**

|                         | <b>2019</b>    | <b>2020</b>    | <b>2021</b>    | <b>2022</b>    | <b>2023</b>    | <b>2024-2028</b> | <b>Total</b>     |
|-------------------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|
| Stormwater Fund Balance | 101,000        | 101,000        | 101,000        | 101,000        | 101,000        | 505,000          | 1,010,000        |
| <b>Total</b>            | <b>101,000</b> | <b>101,000</b> | <b>101,000</b> | <b>101,000</b> | <b>101,000</b> | <b>505,000</b>   | <b>1,010,000</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Wilson & Eisenhower Stormwater Improvements

**REQUEST CODE**

CIP-345-23-283-0000-19-079

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This project will provide a master planned storm sewer outfall from the Big Thompson River to the Wilson & Eisenhower intersection then continued north in Wilson Avenue to approximately 22nd Street. Design is anticipated to begin in 2026 with construction planned for 2028 and 2029.

**Capital Items**

|                 | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>2022</b> | <b>2023</b> | <b>2024-2028</b> | <b>Total</b>     |
|-----------------|-------------|-------------|-------------|-------------|-------------|------------------|------------------|
| Engineering     | 0           | 0           | 0           | 0           | 0           | 457,000          | 457,000          |
| Construction    | 0           | 0           | 0           | 0           | 0           | 2,285,000        | 2,285,000        |
| 1% for the Arts | 0           | 0           | 0           | 0           | 0           | 22,850           | 22,850           |
| <b>Total</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>2,764,850</b> | <b>2,764,850</b> |

**Funding Sources**

|                         | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>2022</b> | <b>2023</b> | <b>2024-2028</b> | <b>Total</b>     |
|-------------------------|-------------|-------------|-------------|-------------|-------------|------------------|------------------|
| Stormwater Fund Balance | 0           | 0           | 0           | 0           | 0           | 2,764,850        | 2,764,850        |
| <b>Total</b>            | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>2,764,850</b> | <b>2,764,850</b> |



**City of Loveland  
Capital Improvement  
Program**

**345-23-281-0000-345-PW-Storm Water Collections**

**REQUEST NAME**

SWA - New & Replacement Equipment

**REQUEST CODE**

CIP-345-23-281-0000-19-086

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This project accounts for the replacement and acquisition of vacuum trucks, street sweepers, trucks, and other equipment necessary for stormwater maintenance operations. For 2019, replacement of the division's vacuum truck, a street sweeper, and a pickup truck is planned. The Stormwater Long-Term Financial Plan calls for the addition of a 1.0 FTE Equipment Operator in 2021 to assist with the operation of additional equipment as the City grows.

**Capital Items**

|                       | 2019           | 2020           | 2021           | 2022     | 2023           | 2024-2028        | Total            |
|-----------------------|----------------|----------------|----------------|----------|----------------|------------------|------------------|
| Machinery & Equipment | 857,500        | 353,000        | 368,000        | 0        | 658,600        | 2,343,200        | 4,580,300        |
| <b>Total</b>          | <b>857,500</b> | <b>353,000</b> | <b>368,000</b> | <b>0</b> | <b>658,600</b> | <b>2,343,200</b> | <b>4,580,300</b> |

**Funding Sources**

|                         | 2019           | 2020           | 2021           | 2022     | 2023           | 2024-2028        | Total            |
|-------------------------|----------------|----------------|----------------|----------|----------------|------------------|------------------|
| Stormwater Fund Balance | 857,500        | 353,000        | 368,000        | 0        | 658,600        | 2,343,200        | 4,580,300        |
| <b>Total</b>            | <b>857,500</b> | <b>353,000</b> | <b>368,000</b> | <b>0</b> | <b>658,600</b> | <b>2,343,200</b> | <b>4,580,300</b> |

**Operating Budget**

| Expenses      | 2019     | 2020     | 2021           | 2022     | 2023     | 2024-2028 | Total          |
|---------------|----------|----------|----------------|----------|----------|-----------|----------------|
| O & M Ongoing | 0        | 0        | 113,000        | 0        | 0        | 0         | 113,000        |
| <b>Total</b>  | <b>0</b> | <b>0</b> | <b>113,000</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>113,000</b> |





**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Boyd Lake Outlet Ditch Improvements

**REQUEST CODE**

CIP-345-23-283-0000-19-068

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



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

**Capital Items**

|                 | 2019     | 2020     | 2021             | 2022     | 2023           | 2024-2028 | Total            |
|-----------------|----------|----------|------------------|----------|----------------|-----------|------------------|
| Construction    | 0        | 0        | 1,632,750        | 0        | 750,000        | 0         | 2,382,750        |
| 1% for the Arts | 0        | 0        | 16,328           | 0        | 7,500          | 0         | 23,828           |
| <b>Total</b>    | <b>0</b> | <b>0</b> | <b>1,649,078</b> | <b>0</b> | <b>757,500</b> | <b>0</b>  | <b>2,406,578</b> |

**Funding Sources**

|                     | 2019     | 2020     | 2021             | 2022     | 2023           | 2024-2028 | Total            |
|---------------------|----------|----------|------------------|----------|----------------|-----------|------------------|
| Stormwater SIF Fund | 0        | 0        | 1,649,078        | 0        | 757,500        | 0         | 2,406,578        |
| Balance             | 0        | 0        | 1,649,078        | 0        | 757,500        | 0         | 2,406,578        |
| <b>Total</b>        | <b>0</b> | <b>0</b> | <b>1,649,078</b> | <b>0</b> | <b>757,500</b> | <b>0</b>  | <b>2,406,578</b> |



**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Engineering, Surveying, Geotechnical Svcs.

**REQUEST CODE**

CIP-345-23-283-0000-19-070

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This is an annual program to address the engineering, surveying, and geotechnical services for miscellaneous small maintenance projects and unknown needs that arise each year. These projects are often unexpected, require fast turnaround, and are needed to address immediate needs.

**Capital Items**

|              | <b>2019</b>    | <b>2020</b>    | <b>2021</b>    | <b>2022</b>    | <b>2023</b>    | <b>2024-2028</b> | <b>Total</b>     |
|--------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|
| Engineering  | 150,000        | 150,000        | 210,000        | 175,000        | 175,000        | 910,000          | 1,770,000        |
| <b>Total</b> | <b>150,000</b> | <b>150,000</b> | <b>210,000</b> | <b>175,000</b> | <b>175,000</b> | <b>910,000</b>   | <b>1,770,000</b> |

**Funding Sources**

|                         | <b>2019</b>    | <b>2020</b>    | <b>2021</b>    | <b>2022</b>    | <b>2023</b>    | <b>2024-2028</b> | <b>Total</b>     |
|-------------------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|
| Stormwater Fund Balance | 150,000        | 150,000        | 210,000        | 175,000        | 175,000        | 910,000          | 1,770,000        |
| <b>Total</b>            | <b>150,000</b> | <b>150,000</b> | <b>210,000</b> | <b>175,000</b> | <b>175,000</b> | <b>910,000</b>   | <b>1,770,000</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Garfield & Harrison Outfall

**REQUEST CODE**

CIP-345-23-283-0000-19-071

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This project will reduce historic flooding problems within the residential neighborhood located between Garfield Avenue, Taft Avenue, 1st Street, and Eisenhower Boulevard. This project includes the installation of an underground storm drainage system which will outlet into the Big Thompson River south of 1st Street. The Stormwater Long-Term Financial Plan calls for the addition of a 1.0 FTE Civil Engineer in 2021 to assist with managing capital projects (the Garfield & Harrison Outfall project as well as others in order).

**Capital Items**

|                 | <b>2019</b>    | <b>2020</b> | <b>2021</b>    | <b>2022</b>      | <b>2023</b>      | <b>2024-2028</b> | <b>Total</b>      |
|-----------------|----------------|-------------|----------------|------------------|------------------|------------------|-------------------|
| Engineering     | 325,000        | 0           | 209,800        | 0                | 0                | 394,100          | 928,900           |
| Construction    | 0              | 0           | 0              | 3,090,000        | 3,147,000        | 6,060,000        | 12,297,000        |
| 1% for the Arts | 0              | 0           | 0              | 30,900           | 31,470           | 60,600           | 122,970           |
| <b>Total</b>    | <b>325,000</b> | <b>0</b>    | <b>209,800</b> | <b>3,120,900</b> | <b>3,178,470</b> | <b>6,514,700</b> | <b>13,348,870</b> |

**Funding Sources**

|                         | <b>2019</b>    | <b>2020</b> | <b>2021</b>    | <b>2022</b>      | <b>2023</b>      | <b>2024-2028</b> | <b>Total</b>      |
|-------------------------|----------------|-------------|----------------|------------------|------------------|------------------|-------------------|
| Stormwater Fund Balance | 325,000        | 0           | 209,800        | 3,120,900        | 3,178,470        | 6,514,700        | 13,348,870        |
| <b>Total</b>            | <b>325,000</b> | <b>0</b>    | <b>209,800</b> | <b>3,120,900</b> | <b>3,178,470</b> | <b>6,514,700</b> | <b>13,348,870</b> |

**Operating Budget**

| <b>Expenses</b> | <b>2019</b> | <b>2020</b> | <b>2021</b>    | <b>2022</b> | <b>2023</b> | <b>2024-2028</b> | <b>Total</b>   |
|-----------------|-------------|-------------|----------------|-------------|-------------|------------------|----------------|
| O & M Ongoing   | 0           | 0           | 146,000        | 0           | 0           | 0                | 146,000        |
| <b>Total</b>    | <b>0</b>    | <b>0</b>    | <b>146,000</b> | <b>0</b>    | <b>0</b>    | <b>0</b>         | <b>146,000</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Hogback Basin Outfall

**REQUEST CODE**

CIP-345-23-283-0000-19-073

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This project will provide a master planned storm sewer outfall from the Big Thompson River to the Hogback Basin crossing of Eisenhower Boulevard just east of Cascade Avenue, including local drainage connections at the highway. This project has moved up in priority due to over topping of Eisenhower Boulevard twice in 2014 and 2015.

**Capital Items**

|                 | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>2022</b>    | <b>2023</b> | <b>2024-2028</b> | <b>Total</b>     |
|-----------------|-------------|-------------|-------------|----------------|-------------|------------------|------------------|
| Engineering     | 0           | 0           | 0           | 224,400        | 0           | 0                | 224,400          |
| Construction    | 0           | 0           | 0           | 0              | 0           | 1,870,000        | 1,870,000        |
| 1% for the Arts | 0           | 0           | 0           | 0              | 0           | 18,700           | 18,700           |
| <b>Total</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>224,400</b> | <b>0</b>    | <b>1,888,700</b> | <b>2,113,100</b> |

**Funding Sources**

|                         | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>2022</b>    | <b>2023</b> | <b>2024-2028</b> | <b>Total</b>     |
|-------------------------|-------------|-------------|-------------|----------------|-------------|------------------|------------------|
| Stormwater Fund Balance | 0           | 0           | 0           | 224,400        | 0           | 1,888,700        | 2,113,100        |
| <b>Total</b>            | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>224,400</b> | <b>0</b>    | <b>1,888,700</b> | <b>2,113,100</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Maintenance & Asset Management Projects

**REQUEST CODE**

CIP-345-23-283-0000-19-074

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This annual program addresses deteriorating storm drainage infrastructure within the City. This program includes the replacement of inlets, manholes, storm sewers, channel re-grading, detention pond retrofits, and installing stormwater quality improvements. The annual funding is currently set at \$400,000 per year. Maintenance projects are prioritized and scheduled to remain within the allocation.

**Capital Items**

|                 | <b>2019</b>    | <b>2020</b>   | <b>2021</b>    | <b>2022</b>    | <b>2023</b>    | <b>2024-2028</b> | <b>Total</b>     |
|-----------------|----------------|---------------|----------------|----------------|----------------|------------------|------------------|
| Construction    | 400,000        | 50,000        | 400,000        | 400,000        | 400,000        | 2,000,000        | 3,650,000        |
| 1% for the Arts | 4,000          | 500           | 4,000          | 4,000          | 4,000          | 20,000           | 36,500           |
| <b>Total</b>    | <b>404,000</b> | <b>50,500</b> | <b>404,000</b> | <b>404,000</b> | <b>404,000</b> | <b>2,020,000</b> | <b>3,686,500</b> |

**Funding Sources**

|                         | <b>2019</b>    | <b>2020</b>   | <b>2021</b>    | <b>2022</b>    | <b>2023</b>    | <b>2024-2028</b> | <b>Total</b>     |
|-------------------------|----------------|---------------|----------------|----------------|----------------|------------------|------------------|
| Stormwater Fund Balance | 404,000        | 50,500        | 404,000        | 404,000        | 404,000        | 2,020,000        | 3,686,500        |
| <b>Total</b>            | <b>404,000</b> | <b>50,500</b> | <b>404,000</b> | <b>404,000</b> | <b>404,000</b> | <b>2,020,000</b> | <b>3,686,500</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Millennium SW 9th Subdivision Outfall

**REQUEST CODE**

CIP-345-23-283-0000-19-075

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This project will provide a new storm drainage outfall along the west side of CR-9E to the Big Thompson River, preventing stormwater from entering existing irrigation ditches and private property.

**Capital Items**

|                 | <b>2019</b>   | <b>2020</b> | <b>2021</b>    | <b>2022</b> | <b>2023</b> | <b>2024-2028</b> | <b>Total</b>   |
|-----------------|---------------|-------------|----------------|-------------|-------------|------------------|----------------|
| Engineering     | 75,000        | 0           | 0              | 0           | 0           | 0                | 75,000         |
| Construction    | 0             | 0           | 300,000        | 0           | 0           | 0                | 300,000        |
| 1% for the Arts | 0             | 0           | 3,000          | 0           | 0           | 0                | 3,000          |
| <b>Total</b>    | <b>75,000</b> | <b>0</b>    | <b>303,000</b> | <b>0</b>    | <b>0</b>    | <b>0</b>         | <b>378,000</b> |

**Funding Sources**

|                         | <b>2019</b>   | <b>2020</b> | <b>2021</b>    | <b>2022</b> | <b>2023</b> | <b>2024-2028</b> | <b>Total</b>   |
|-------------------------|---------------|-------------|----------------|-------------|-------------|------------------|----------------|
| Stormwater Fund Balance | 75,000        | 0           | 303,000        | 0           | 0           | 0                | 378,000        |
| <b>Total</b>            | <b>75,000</b> | <b>0</b>    | <b>303,000</b> | <b>0</b>    | <b>0</b>    | <b>0</b>         | <b>378,000</b> |



**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Silver Lake Improvements (North Phase)

**REQUEST CODE**

CIP-345-23-283-0000-19-083

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This project will replace an existing undersized storm sewer system between Silver Lake and Highway 287 at 23rd and Lincoln. The purpose of the project is to reduce existing drainage problems on Highway 287 in that area.

**Capital Items**

|              | 2019     | 2020     | 2021     | 2022     | 2023     | 2024-2028      | Total          |
|--------------|----------|----------|----------|----------|----------|----------------|----------------|
| Engineering  | 0        | 0        | 0        | 0        | 0        | 100,000        | 100,000        |
| <b>Total</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>100,000</b> | <b>100,000</b> |

**Funding Sources**

|                         | 2019     | 2020     | 2021     | 2022     | 2023     | 2024-2028      | Total          |
|-------------------------|----------|----------|----------|----------|----------|----------------|----------------|
| Stormwater Fund Balance | 0        | 0        | 0        | 0        | 0        | 100,000        | 100,000        |
| <b>Total</b>            | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>100,000</b> | <b>100,000</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Silver Lake Improvements (South Phase)

**REQUEST CODE**

CIP-345-23-283-0000-19-076

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This project will replace an existing undersized storm sewer system between Silver Lake and Highway 287 at 16th Street, including Maple and Crescent Drives. Local flooding problems impact Highway 287, businesses, and residents. The project will include larger pipe and inlets to meet current standards.

**Capital Items**

|                 | <b>2019</b> | <b>2020</b>    | <b>2021</b>    | <b>2022</b> | <b>2023</b> | <b>2024-2028</b> | <b>Total</b>   |
|-----------------|-------------|----------------|----------------|-------------|-------------|------------------|----------------|
| Engineering     | 0           | 100,000        | 0              | 0           | 0           | 0                | 100,000        |
| Construction    | 0           | 0              | 470,000        | 0           | 0           | 0                | 470,000        |
| 1% for the Arts | 0           | 0              | 4,700          | 0           | 0           | 0                | 4,700          |
| <b>Total</b>    | <b>0</b>    | <b>100,000</b> | <b>474,700</b> | <b>0</b>    | <b>0</b>    | <b>0</b>         | <b>574,700</b> |

**Funding Sources**

|                         | <b>2019</b> | <b>2020</b>    | <b>2021</b>    | <b>2022</b> | <b>2023</b> | <b>2024-2028</b> | <b>Total</b>   |
|-------------------------|-------------|----------------|----------------|-------------|-------------|------------------|----------------|
| Stormwater Fund Balance | 0           | 100,000        | 474,700        | 0           | 0           | 0                | 574,700        |
| <b>Total</b>            | <b>0</b>    | <b>100,000</b> | <b>474,700</b> | <b>0</b>    | <b>0</b>    | <b>0</b>         | <b>574,700</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - South Loveland Outfall (Phase 3)

**REQUEST CODE**

CIP-345-23-283-0000-19-077

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



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

**Capital Items**

|                 | 2019     | 2020             | 2021     | 2022     | 2023     | 2024-2028 | Total            |
|-----------------|----------|------------------|----------|----------|----------|-----------|------------------|
| Construction    | 0        | 5,314,500        | 0        | 0        | 0        | 0         | 5,314,500        |
| 1% for the Arts | 0        | 53,145           | 0        | 0        | 0        | 0         | 53,145           |
| <b>Total</b>    | <b>0</b> | <b>5,367,645</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>5,367,645</b> |

**Funding Sources**

|                         | 2019     | 2020             | 2021     | 2022     | 2023     | 2024-2028 | Total            |
|-------------------------|----------|------------------|----------|----------|----------|-----------|------------------|
| Stormwater Fund Balance | 0        | 5,367,645        | 0        | 0        | 0        | 0         | 5,367,645        |
| <b>Total</b>            | <b>0</b> | <b>5,367,645</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>5,367,645</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - South Rist Benson Lake Outfall

**REQUEST CODE**

CIP-345-23-283-0000-19-084

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



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

**Capital Items**

|              | 2019     | 2020     | 2021     | 2022     | 2023     | 2024-2028      | Total          |
|--------------|----------|----------|----------|----------|----------|----------------|----------------|
| Engineering  | 0        | 0        | 0        | 0        | 0        | 240,000        | 240,000        |
| <b>Total</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>240,000</b> | <b>240,000</b> |

**Funding Sources**

|                         | 2019     | 2020     | 2021     | 2022     | 2023     | 2024-2028      | Total          |
|-------------------------|----------|----------|----------|----------|----------|----------------|----------------|
| Stormwater Fund Balance | 0        | 0        | 0        | 0        | 0        | 240,000        | 240,000        |
| <b>Total</b>            | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>240,000</b> | <b>240,000</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Stormwater Quality Retrofits

**REQUEST CODE**

CIP-345-23-283-0000-19-078

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



An annual program to retrofit stormwater quality treatment measures into existing stormwater systems in order to improve the quality of waters receiving stormwater runoff. The program includes an annual expenditure of \$75,000 - \$100,000 for retrofit projects as it has historically along with funding for the 1% for the Arts.

**Capital Items**

|                 | <b>2019</b>    | <b>2020</b>    | <b>2021</b>    | <b>2022</b>    | <b>2023</b>    | <b>2024-2028</b> | <b>Total</b>     |
|-----------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|
| Construction    | 100,000        | 100,000        | 100,000        | 100,000        | 100,000        | 500,000          | 1,000,000        |
| 1% for the Arts | 1,000          | 1,000          | 1,000          | 1,000          | 1,000          | 5,000            | 10,000           |
| <b>Total</b>    | <b>101,000</b> | <b>101,000</b> | <b>101,000</b> | <b>101,000</b> | <b>101,000</b> | <b>505,000</b>   | <b>1,010,000</b> |

**Funding Sources**

|                         | <b>2019</b>    | <b>2020</b>    | <b>2021</b>    | <b>2022</b>    | <b>2023</b>    | <b>2024-2028</b> | <b>Total</b>     |
|-------------------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|
| Stormwater Fund Balance | 101,000        | 101,000        | 101,000        | 101,000        | 101,000        | 505,000          | 1,010,000        |
| <b>Total</b>            | <b>101,000</b> | <b>101,000</b> | <b>101,000</b> | <b>101,000</b> | <b>101,000</b> | <b>505,000</b>   | <b>1,010,000</b> |

**City of Loveland  
Capital Improvement  
Program**

**345-23-283-0000-345-PW-Storm Water Capital**

**REQUEST NAME**

SWA - Wilson & Eisenhower Stormwater Improvements

**REQUEST CODE**

CIP-345-23-283-0000-19-079

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This project will provide a master planned storm sewer outfall from the Big Thompson River to the Wilson & Eisenhower intersection then continued north in Wilson Avenue to approximately 22nd Street. Design is anticipated to begin in 2026 with construction planned for 2028 and 2029.

**Capital Items**

|                 | 2019     | 2020     | 2021     | 2022     | 2023     | 2024-2028        | Total            |
|-----------------|----------|----------|----------|----------|----------|------------------|------------------|
| Engineering     | 0        | 0        | 0        | 0        | 0        | 457,000          | 457,000          |
| Construction    | 0        | 0        | 0        | 0        | 0        | 2,285,000        | 2,285,000        |
| 1% for the Arts | 0        | 0        | 0        | 0        | 0        | 22,850           | 22,850           |
| <b>Total</b>    | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>2,764,850</b> | <b>2,764,850</b> |

**Funding Sources**

|                         | 2019     | 2020     | 2021     | 2022     | 2023     | 2024-2028        | Total            |
|-------------------------|----------|----------|----------|----------|----------|------------------|------------------|
| Stormwater Fund Balance | 0        | 0        | 0        | 0        | 0        | 2,764,850        | 2,764,850        |
| <b>Total</b>            | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>2,764,850</b> | <b>2,764,850</b> |



**City of Loveland  
Capital Improvement  
Program**

**345-23-281-0000-345-PW-Storm Water Collections**

**REQUEST NAME**

SWA - New & Replacement Equipment

**REQUEST CODE**

CIP-345-23-281-0000-19-086

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT DESCRIPTION / NECESSITY**



This project accounts for the replacement and acquisition of vacuum trucks, street sweepers, trucks, and other equipment necessary for stormwater maintenance operations. For 2019, replacement of the division's vacuum truck, a street sweeper, and a pickup truck is planned. The Stormwater Long-Term Financial Plan calls for the addition of a 1.0 FTE Equipment Operator in 2021 to assist with the operation of additional equipment as the City grows.

**Capital Items**

|                       | 2019           | 2020           | 2021           | 2022     | 2023           | 2024-2028        | Total            |
|-----------------------|----------------|----------------|----------------|----------|----------------|------------------|------------------|
| Machinery & Equipment | 857,500        | 353,000        | 368,000        | 0        | 658,600        | 2,343,200        | 4,580,300        |
| <b>Total</b>          | <b>857,500</b> | <b>353,000</b> | <b>368,000</b> | <b>0</b> | <b>658,600</b> | <b>2,343,200</b> | <b>4,580,300</b> |

**Funding Sources**

|                         | 2019           | 2020           | 2021           | 2022     | 2023           | 2024-2028        | Total            |
|-------------------------|----------------|----------------|----------------|----------|----------------|------------------|------------------|
| Stormwater Fund Balance | 857,500        | 353,000        | 368,000        | 0        | 658,600        | 2,343,200        | 4,580,300        |
| <b>Total</b>            | <b>857,500</b> | <b>353,000</b> | <b>368,000</b> | <b>0</b> | <b>658,600</b> | <b>2,343,200</b> | <b>4,580,300</b> |

**Operating Budget**

| Expenses      | 2019     | 2020     | 2021           | 2022     | 2023     | 2024-2028 | Total          |
|---------------|----------|----------|----------------|----------|----------|-----------|----------------|
| O & M Ongoing | 0        | 0        | 113,000        | 0        | 0        | 0         | 113,000        |
| <b>Total</b>  | <b>0</b> | <b>0</b> | <b>113,000</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>113,000</b> |