



# CAPITAL IMPROVEMENT PROGRAM

## Capital Improvement Program Overview

The City of Centennial Capital Improvement Program (CIP) is comprised of three funds: Capital Improvement Fund, Open Space Fund, and Conservation Trust Fund. The program is coordinated by the Public Works Department, while individual projects are managed by members of the Public Works Department and its contractors, Community Development Department, Facilities & Fleet, and the City Manager's Office.

The CIP includes a ten-year plan developed to meet the needs for new infrastructure, replacement of existing infrastructure, and capital projects throughout the community. The plan is developed using the strategies set forth in the City's Transportation Master Plan.

The Capital Improvement Fund is used for the City's transportation and safety infrastructure as well as the major maintenance of City facilities (such as the Civic Center) that are owned by the City. Funding typically comes from the City's General Fund revenues along with grants.

The Open Space Fund and the Conservation Trust Fund work in tandem to fund the maintenance and enhancement of the City's network of parks, open spaces, and trails. The Open Space Fund revenue is generated by the Arapahoe County Open Space Tax, which restricts how funds may be used. The Conservation Trust Fund is funded by the State lottery program and is also restricted in its uses.

The City of Centennial currently has far more capital needs than resources to fund them. More than 80 percent (80%) of the land within the City is currently developed and much of the infrastructure has been in place for more than 25 years. Through proper assessment, and planning and development of a Capital Improvement Program, the most critical needs are identified and prioritized through an objective and open process. City funds are also supplemented by other funding supplied by grants and partnerships. These other funding sources are actively pursued by the City to allow a leveraging of the City's money to benefit the City.

A separate summary for each project included in the 2016 Budget is included on the following pages. Each project summary contains information pertaining to the project including other funding sources and operational and maintenance costs. The incremental cost of operating and maintaining new capital assets is noted on individual project sheets, if applicable. The City contracts many maintenance services and is unable to determine the per project maintenance cost due to the lump sum nature of the contract. Additionally, the City partners with recreation districts for many of the parks, open space and trails projects; in these cases the City is not responsible for the operating and maintenance costs of the asset.

Centennial  
Capital Improvement  
Program

Ten Year  
Capital Improvement  
Program

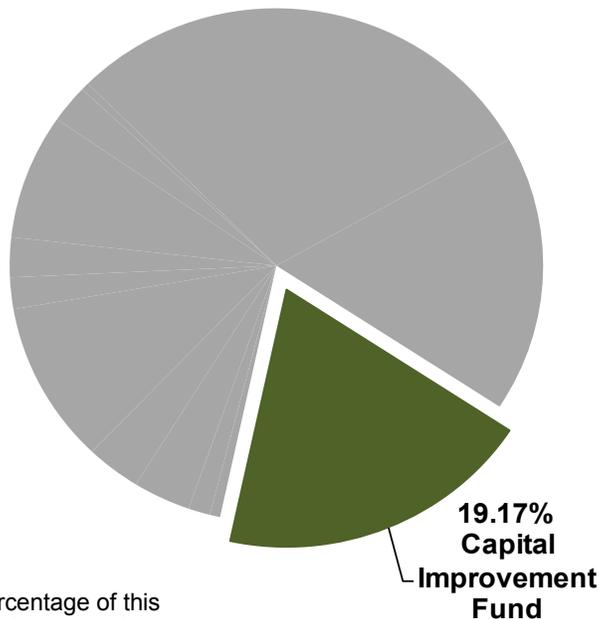
NOVEMBER 2015

# CAPITAL IMPROVEMENT FUND



*The Capital Improvement Fund (CIF) revenue is primarily generated through a transfer from the General Fund. Other revenue includes grants, developer contributions, and pavement restoration fees from the Public Works right-of-way permitting program. Projects in the CIF are generally related to the construction and rehabilitation of the City street network (including pavement, concrete and traffic signals). In addition to these projects, general capital projects related to the Civic Center are also included in the CIF.*

## 2016 Expenditures Capital Improvement Fund



This graph illustrates the percentage of this function's expenditures to the operating budget of all fund types.

### Capital Improvement Fund Budget Summary by Budget Category

|                           | 2014                 | 2015                 | 2015                 | 2016                 | 2015 Adopted/<br>2016 Budget |               |
|---------------------------|----------------------|----------------------|----------------------|----------------------|------------------------------|---------------|
|                           | Actual               | Adopted              | Revised              | Adopted              | \$ Chg                       | % Chg         |
| Other Services & Supplies | \$ 193,180           | \$ 325,000           | \$ 375,000           | \$ 325,000           | \$ -                         | 0.0%          |
| Capital Outlay            | 10,573,583           | 19,090,800           | 48,240,145           | 15,565,000           | (3,525,800)                  | -18.5%        |
| <b>TOTAL</b>              | <b>\$ 10,766,763</b> | <b>\$ 19,415,800</b> | <b>\$ 48,615,145</b> | <b>\$ 15,890,000</b> | <b>\$ (3,525,800)</b>        | <b>-18.2%</b> |



**Overview:** Projects in the CIF are generally managed by staff in the Public Works Department, but staff in other departments may also manage projects in the fund. Overall program and fund coordination is provided by the Engineering Division of the Community Development Department, along with members of the Finance Department and the City Manager’s Office. Project selection and recommendations are prepared by the City’s Capital Improvement Program (CIP) Committee, which is comprised of City Staff.

The largest portion of the CIF is the City’s pavement management program, which is responsible for projects that extend the life of the City’s street network. The City has a goal of establishing and maintaining a high Pavement Condition Index (PCI) rating of the City’s streets. In order to accomplish this goal, annual funding must be provided for pavement and concrete rehabilitation work.

**Prior Year Accomplishments:**

|  |   |
|--|---|
|  <p><b>City Services</b></p>                                    | <ul style="list-style-type: none"> <li>• Maintained a "Good" pavement condition index in the 70 to 80 range through the effective use of various roadway treatments.</li> <li>• Completed the design for the Arapahoe Road, Waco to Himalaya Road widening project and began construction.</li> <li>• Managed the installation of a new traffic signal at Peoria Street and Briarwood Avenue.</li> <li>• Managed the design of a right-turn lane at Quebec Street and County Line Road.</li> <li>• Partnered with Aurora on the design of road improvements on Quincy Avenue near Flanders Street.</li> <li>• Completed an update to the 10-year CIP Plan document.</li> <li>• Completed the City review of the design for the I-25/Arapahoe Road Interchange Project.</li> </ul> |
|  <p><b>Community Quality of Life / Citizen Engagement</b></p> | <ul style="list-style-type: none"> <li>• Continued outreach programs to inform citizens of significant pavement rehabilitation programs.</li> <li>• Continued to respond within two business days to citizen concerns and requests related to ongoing or proposed CIP projects.</li> </ul>  |
|  <p><b>Economic Health</b></p>                                | <ul style="list-style-type: none"> <li>• Completed all CIP projects within established budgets.</li> <li>• Proactively investigated and applied for all eligible grants.</li> </ul>   |
|  <p><b>Environment</b></p>                                    | <ul style="list-style-type: none"> <li>• Utilized heater-repave construction process for the mill and overlay of Holly Street from Dry Creek Road to Arapahoe Road, which recycles existing pavement materials, resulting in reductions in the City's carbon footprint and preservation of natural resources.</li> </ul>  |



| <b>Performance Measurements:</b>                              | <b>2013<br/>Actual</b> | <b>2014<br/>Actual</b> | <b>2015<br/>Estimated</b> | <b>2016<br/>Projected</b> |
|---|------------------------|------------------------|---------------------------|---------------------------|
| <b>Pavement Rehabilitation and Surface Treatment Program:</b> |                        |                        |                           |                           |
| Centerline Street Miles Reconstructed                         | 0.46                   | 0.9                    | 1.0                       | 1.0                       |
| Centerline Street Miles Mill & Overlay                        | 14.83                  | 17.0                   | 14.3                      | 15.0                      |
| Centerline Street Miles Surface Treated                       | 17.09                  | 9.1                    | 12.3                      | 10.0                      |

**Goals and Objectives:**

|  |  |  |
|--|--|--|
|  | <p><b>City Services</b></p>                                  | <ul style="list-style-type: none"> <li>• Continue to update and monitor formal performance measures for the CIP program.</li> <li>• Maintain a pavement condition index in the 70's through the effective use of various roadway treatments.</li> </ul>                                  |
|  | <p><b>Community Quality of Life / Citizen Engagement</b></p> | <ul style="list-style-type: none"> <li>• Continue outreach programs to inform citizens of significant pavement rehabilitation programs.</li> <li>• Continue to respond to citizen concerns and requests related to ongoing or proposed CIP projects within two business days.</li> </ul> |
|  | <p><b>Economic Health</b></p>                                | <ul style="list-style-type: none"> <li>• Complete all CIP projects within established budgets.</li> <li>• Proactively investigate and apply for all eligible grants.</li> </ul>  |
|  | <p><b>Environment</b></p>                                    | <ul style="list-style-type: none"> <li>• Investigate pavement recycling materials and other innovative applications to be used as part of the annual program.</li> </ul>   |



**2016-2020 Capital Improvement Program**

**Project Name:** General Transportation Studies

Project Type: Professional Services

First Shown in CIP: 2012

Council District: All

**Project Description:** One time transportation studies and/or participation in transportation systems studies with other agencies and jurisdictions.

**Goals Met:** Quality of Life, Economic Health, Environment

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016      | 2017      | 2018      | 2019      | 2020      | TOTAL      |
|----------------------------------|----------------|-----------|-----------|-----------|-----------|-----------|------------|
| <b>Design and CM:</b>            | \$ 63,051      | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 313,051 |
| <b>Land Acquisition:</b>         | -              | -         | -         | -         | -         | -         | -          |
| <b>Construction:</b>             | -              | -         | -         | -         | -         | -         | -          |
| <b>Subtotal</b>                  | \$ 63,051      | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 313,051 |
| <b>Funds from other Sources:</b> | -              | -         | -         | -         | -         | -         | -          |
| <b>Funding:</b>                  | \$ 63,051      | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 313,051 |

*City total portion*

|                               |            |
|-------------------------------|------------|
| Total Design & CM Costs:      | \$ 313,051 |
| Total Land Acquisition Costs: | \$ -       |
| Total Construction Costs:     | \$ -       |
| Total City Project Costs:     | \$ 313,051 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** This is a planning study that will not directly create new annual costs.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name: Building Maintenance & Improvements**

Project Type: Facilities

First Show n in CIP: 2010

Council District: All

**Project Description:** Scheduled repair or replacement of structural components, mechanical and electrical systems, plumbing or other vital systems of the Civic Center and the Public Works Facility.

**Goals Met:** City Services, Quality of Life, Environment

**ESTIMATED FUNDING SCHEDULE:**

|                                  |              | *Prior Funding | 2016       | 2017       | 2018       | 2019       | 2020       | TOTAL        |
|----------------------------------|--------------|----------------|------------|------------|------------|------------|------------|--------------|
| <b>Design and CM:</b>            |              | \$ 777,637     | \$ 150,000 | \$ 150,000 | \$ 150,000 | \$ 150,000 | \$ 150,000 | \$ 1,527,637 |
| <b>Land Acquisition:</b>         |              | -              | -          | -          | -          | -          | -          | -            |
| <b>Construction:</b>             |              | -              | -          | -          | -          | -          | -          | -            |
| <b>Subtotal</b>                  |              | \$ 777,637     | \$ 150,000 | \$ 150,000 | \$ 150,000 | \$ 150,000 | \$ 150,000 | \$ 1,527,637 |
| <b>Funds from other Sources:</b> | <b>EECBG</b> | 109,092        | -          | -          | -          | -          | -          | \$ 109,092   |
|                                  |              | -              | -          | -          | -          | -          | -          | \$ -         |

**Funding:** \$ 668,545 \$ 150,000 \$ 150,000 \$ 150,000 \$ 150,000 \$ 150,000 \$ 1,418,545

*City total portion*

|                               |              |
|-------------------------------|--------------|
| Total Design & CM Costs:      | \$ 1,527,637 |
| Total Land Acquisition Costs: | \$ -         |
| Total Construction Costs:     | \$ -         |
| Total City Project Costs:     | \$ 1,418,545 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** This project does not create new annual O&M costs, but does address capital O&M needs for the Civic Center.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name:** Building Contingency

Project Type: Facilities

First Shown in CIP: 2011

Council District: All

**Project Description:** This project is for the repair or replacement of major components of the Civic Center and the Public Works Facility, such as HVAC, roof and other systems that cannot be funded in the annual maintenance budget. Funds not used in any year are carried to the next to account for larger expenditures.

**Goals Met:** City Services, Quality of Life, Environment

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016      | 2017      | 2018      | 2019      | 2020      | TOTAL      |
|----------------------------------|----------------|-----------|-----------|-----------|-----------|-----------|------------|
| <b>Design and CM:</b>            | \$ 300,000     | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 550,000 |
| <b>Land Acquisition:</b>         | -              | -         | -         | -         | -         | -         | -          |
| <b>Construction:</b>             | -              | -         | -         | -         | -         | -         | -          |
| <b>Subtotal</b>                  | \$ 300,000     | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 550,000 |
| <b>Funds from other Sources:</b> | -              | -         | -         | -         | -         | -         | -          |

**Funding:** \$ 300,000 \$ 50,000 \$ 50,000 \$ 50,000 \$ 50,000 \$ 50,000 \$ 550,000  
**City total portion**

|                                  |                   |
|----------------------------------|-------------------|
| Total Design & CM Costs:         | \$ 550,000        |
| Total Land Acquisition Costs:    | \$ -              |
| Total Construction Costs:        | \$ -              |
| <b>Total City Project Costs:</b> | <b>\$ 550,000</b> |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** This project does not create new annual O&M costs. Depending on projects completed there may be a reduction in costs for systems that are replaced.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name:** Grant Match Funds / Other

**Project Type:** Streets & Intersections **First Shown in CIP:** 2012 **Council District:** ALL

**Project Description:** Provide matches to grants from other agencies and jurisdictions for street and intersection projects. Specific projects are dependent on grants awarded to and accepted by the City.

**Goals Met:** Quality of Life, Economic Health, Environment

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016      | 2017      | 2018      | 2019      | 2020      | TOTAL      |
|----------------------------------|----------------|-----------|-----------|-----------|-----------|-----------|------------|
| <b>Design and CM:</b>            | \$ -           | \$ -      | \$ -      | \$ -      | \$ -      | \$ -      | -          |
| <b>Land Acquisition:</b>         | -              | -         | -         | -         | -         | -         | -          |
| <b>Construction:</b>             | 75,000         | 75,000    | 75,000    | 75,000    | 75,000    | 75,000    | 450,000    |
| <b>Subtotal</b>                  | \$ 75,000      | \$ 75,000 | \$ 75,000 | \$ 75,000 | \$ 75,000 | \$ 75,000 | \$ 450,000 |
| <b>Funds from other Sources:</b> | -              | -         | -         | -         | -         | -         | -          |

**Funding:** \$ 75,000 \$ 75,000 \$ 75,000 \$ 75,000 \$ 75,000 \$ 75,000 \$ 450,000

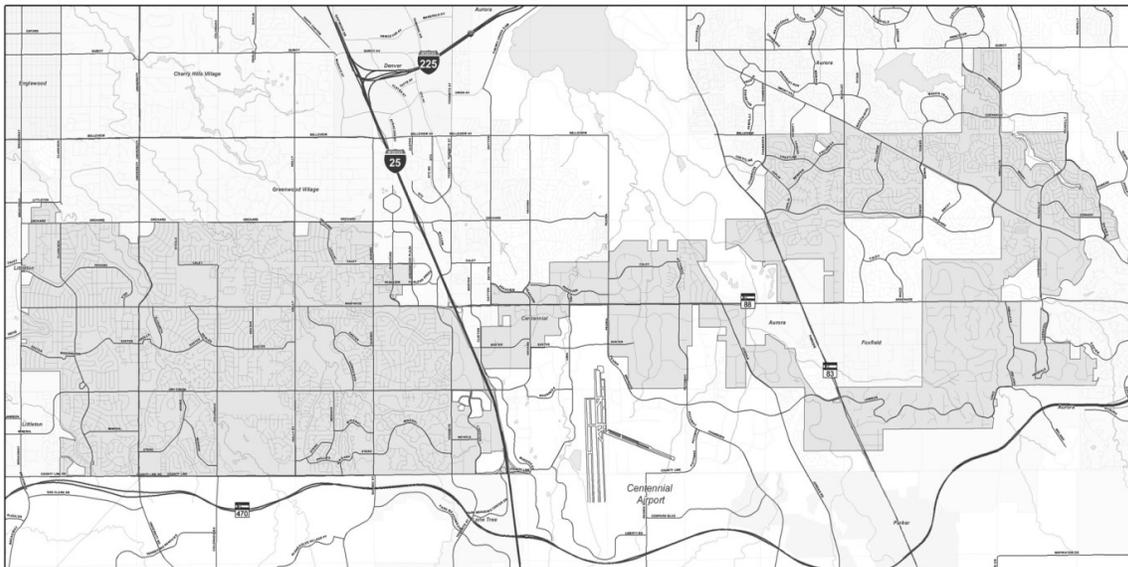
**City total portion**

|                               |            |
|-------------------------------|------------|
| Total Design & CM Costs:      | \$ -       |
| Total Land Acquisition Costs: | \$ -       |
| Total Construction Costs:     | \$ 450,000 |
| Total City Project Costs:     | \$ 450,000 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** Specific costs for O&M will be determined when a project is selected for funding and construction.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name:** Infill Sidewalk Program

**Project Type:** Sidewalks

First Show n in CIP : 2012

Council District: ALL

**Project Description:** The program is for the construction of new or missing sidewalk segments throughout the City and may also be used to match grants for sidewalk projects. Specific projects will be identified based upon prioritized need and other funding sources available.

**Goals Met:** Quality of Life, Economic Health, Environment

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016      | 2017      | 2018      | 2019      | 2020      | TOTAL        |
|----------------------------------|----------------|-----------|-----------|-----------|-----------|-----------|--------------|
| <b>Design and CM:</b>            | \$ -           | \$ -      | \$ -      | \$ -      | \$ -      | \$ -      | -            |
| <b>Land Acquisition:</b>         | -              | -         | -         | -         | -         | -         | -            |
| <b>Construction:</b>             | 703,889        | 75,000    | 75,000    | 75,000    | 75,000    | 75,000    | 1,078,889    |
| <b>Subtotal</b>                  | \$ 703,889     | \$ 75,000 | \$ 75,000 | \$ 75,000 | \$ 75,000 | \$ 75,000 | \$ 1,078,889 |
| <b>Funds from other Sources:</b> | -              | -         | -         | -         | -         | -         | -            |

**Funding:** \$ 703,889 \$ 75,000 \$ 75,000 \$ 75,000 \$ 75,000 \$ 75,000 \$ 1,078,889

**City total portion**

|                               |              |
|-------------------------------|--------------|
| Total Design & CM Costs:      | \$ -         |
| Total Land Acquisition Costs: | \$ -         |
| Total Construction Costs:     | \$ 1,078,889 |
| Total City Project Costs:     | \$ 1,078,889 |

**\*Prior Funding includes all expenditures for the life of the project through 2015.**

**Annual O&M Impacts:** Additional O&M costs for these projects are expected to be minimal and will be absorbed in the Public Works operating budget.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name:** Signal Communication Improvements

**Project Type:** Various Traffic

First Show n in CIP: 2009

Council District: All

**Project Description:** This project will install communications with existing traffic signals to reduce delays and inefficiencies that occur without communication between signals.

**Goals Met:** City Services, Quality of Life, Environment

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016       | 2017       | 2018       | 2019       | 2020       | TOTAL        |
|----------------------------------|----------------|------------|------------|------------|------------|------------|--------------|
| <b>Design and CM:</b>            | \$ -           | \$ -       | \$ -       | \$ -       | \$ -       | \$ -       | -            |
| <b>Land Acquisition:</b>         | -              | -          | -          | -          | -          | -          | -            |
| <b>Construction:</b>             | 3,112,382      | 140,000    | 140,000    | 140,000    | 140,000    | 140,000    | 3,812,382    |
| <b>Subtotal</b>                  | \$ 3,112,382   | \$ 140,000 | \$ 140,000 | \$ 140,000 | \$ 140,000 | \$ 140,000 | \$ 3,812,382 |
| <b>Funds from other Sources:</b> |                |            |            |            |            |            |              |
| <b>DRCOG/CDOT</b>                | 1,216,867      | -          | -          | -          | -          | -          | \$ 1,216,867 |
|                                  | -              | -          | -          | -          | -          | -          | -            |

**Funding:** \$ 1,895,515 \$ 140,000 \$ 140,000 \$ 140,000 \$ 140,000 \$ 140,000 \$ 2,595,515  
**City total portion**

|                               |              |
|-------------------------------|--------------|
| Total Design & CM Costs:      | \$ -         |
| Total Land Acquisition Costs: | \$ -         |
| Total Construction Costs:     | \$ 3,812,382 |
| Total City Project Costs:     | \$ 2,595,515 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** Costs for maintenance of new equipment are anticipated to be \$4,000 and will be addressed in the Public Works operating budget for traffic signal maintenance and repair.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name:** Neighborhood Traffic Management Program

**Project Type:** Streets and Intersections

First Show n in CIP: 2010

Council District: All

**Project Description:** City-wide neighborhood traffic management improvements.

**Goals Met:** City Services, Quality of Life, Environment

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016      | 2017      | 2018      | 2019      | 2020      | TOTAL      |
|----------------------------------|----------------|-----------|-----------|-----------|-----------|-----------|------------|
| <b>Design and CM:</b>            | \$ 262,435     | \$ 75,000 | \$ 75,000 | \$ 75,000 | \$ 75,000 | \$ 75,000 | \$ 637,435 |
| <b>Land Acquisition:</b>         | -              | -         | -         | -         | -         | -         | -          |
| <b>Construction:</b>             | -              | -         | -         | -         | -         | -         | -          |
| <b>Subtotal</b>                  | \$ 262,435     | \$ 75,000 | \$ 75,000 | \$ 75,000 | \$ 75,000 | \$ 75,000 | \$ 637,435 |
| <b>Funds from other Sources:</b> | Federal        | -         | -         | -         | -         | -         | \$ -       |
|                                  | Local          | -         | -         | -         | -         | -         | \$ -       |

**Funding:** \$ 262,435 \$ 75,000 \$ 75,000 \$ 75,000 \$ 75,000 \$ 75,000 \$ 637,435

**City total portion**

|                               |            |
|-------------------------------|------------|
| Total Design & CM Costs:      | \$ 637,435 |
| Total Land Acquisition Costs: | \$ -       |
| Total Construction Costs:     | \$ -       |
| Total City Project Costs:     | \$ 637,435 |

**\*Prior Funding includes all expenditures for the life of the project through 2015.**

**Annual O&M Impacts:** Additional O&M costs for these projects are expected to be minimal and will be absorbed in the Public Works operating budget.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name:** Street Rehabilitation Program

**Project Type:** Rehabilitation - Roadway

First Shown in CIP: 2009

Council District: All

**Project Description:** This project includes pavement reconstruction, overlay, surface treatment and concrete repair for streets identified in the pavement management program for locations throughout the City.

**Goals Met:** City Services, Quality of Life, Environment

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016         | 2017         | 2018         | 2019         | 2020         | TOTAL         |
|----------------------------------|----------------|--------------|--------------|--------------|--------------|--------------|---------------|
| <b>Design and CM:</b>            | \$ -           | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -          |
| <b>Land Acquisition:</b>         | -              | -            | -            | -            | -            | -            | -             |
| <b>Construction:</b>             | 28,220,054     | 6,170,000    | 6,600,000    | 6,600,000    | 6,600,000    | 6,600,000    | 60,790,054    |
| <b>Subtotal</b>                  | \$ 28,220,054  | \$ 6,170,000 | \$ 6,600,000 | \$ 6,600,000 | \$ 6,600,000 | \$ 6,600,000 | \$ 60,790,054 |
| <b>Funds from other Sources:</b> | -              | -            | -            | -            | -            | \$ -         | -             |

**Funding:** \$ 28,220,054 \$ 6,170,000 \$ 6,600,000 \$ 6,600,000 \$ 6,600,000 \$ 6,600,000 \$ 60,790,054

**City total portion**

|                               |               |
|-------------------------------|---------------|
| Total Design & CM Costs:      | \$ -          |
| Total Land Acquisition Costs: | \$ -          |
| Total Construction Costs:     | \$ 60,790,054 |
| Total City Project Costs:     | \$ 60,790,054 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** No additional annual O&M costs are created with this program. The pavement management program adds life to street pavement and reduces annual street maintenance.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name:** Arapahoe Road and Big Dry Creek Bridge

**Project Type:** Rehabilitation - Major Structures

First Show n in CIP : 2011

Council District: 2

**Project Description:** First of five yearly contributions to a multi-agency project to rehabilitate the Arapahoe Road bridge over Big Dry Creek.

**Goals Met:** City Services, Quality of Life, Environment

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016       | 2017       | 2018       | 2019 | 2020 | TOTAL      |
|----------------------------------|----------------|------------|------------|------------|------|------|------------|
| <b>Design and CM:</b>            | \$ 244,189     | \$ 100,000 | \$ 100,000 | \$ 100,000 | \$ - | \$ - | \$ 544,189 |
| <b>Land Acquisition:</b>         | -              | -          | -          | -          | -    | -    | -          |
| <b>Construction:</b>             | -              | -          | -          | -          | -    | -    | -          |
| <b>Subtotal</b>                  | \$ 244,189     | \$ 100,000 | \$ 100,000 | \$ 100,000 | \$ - | \$ - | \$ 544,189 |
| <b>Funds from other Sources:</b> | -              | -          | -          | -          | -    | -    | -          |

**Funding:** \$ 244,189 \$ 100,000 \$ 100,000 \$ 100,000 \$ - \$ - \$ 544,189  
**City total portion**

|                               |            |
|-------------------------------|------------|
| Total Design & CM Costs:      | \$ 544,189 |
| Total Land Acquisition Costs: | \$ -       |
| Total Construction Costs:     | \$ -       |
| Total City Project Costs:     | \$ 544,189 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** The maintenance responsibilities for this bridge will be shared by the City and SEMSWA.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name: Minor Structures**

Project Type: Rehabilitation - Minor Structures      First Show n in CIP : 2014      Council District: All

**Project Description:** Funds to address high priority bridge maintenance and repair. Also covers contingency funding for emergency repairs to fences, guard rails, etc.

**Goals Met:** City Services, Quality of Life, Environment

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016      | 2017      | 2018      | 2019      | 2020      | TOTAL      |
|----------------------------------|----------------|-----------|-----------|-----------|-----------|-----------|------------|
| <b>Design and CM:</b>            | \$ -           | \$ -      | \$ -      | \$ -      | \$ -      | \$ -      | -          |
| <b>Land Acquisition:</b>         | -              | -         | -         | -         | -         | -         | -          |
| <b>Construction:</b>             | 50,000         | 50,000    | 50,000    | 50,000    | 50,000    | 50,000    | 300,000    |
| <b>Subtotal</b>                  | \$ 50,000      | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 300,000 |
| <b>Funds from other Sources:</b> | -              | -         | -         | -         | -         | -         | -          |

**Funding:** \$ 50,000 \$ 50,000 \$ 50,000 \$ 50,000 \$ 50,000 \$ 50,000 \$ 300,000  
**City total portion**

|                               |            |
|-------------------------------|------------|
| Total Design & CM Costs:      | \$ -       |
| Total Land Acquisition Costs: | \$ -       |
| Total Construction Costs:     | \$ 300,000 |
| Total City Project Costs:     | \$ 300,000 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** Ongoing maintenance will be covered through the Public Works Contract and CIP maintenance funds.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name:** Smoky Hill/Picadilly Signal

**Project Type:** Traffic Control & Signals

First Show n in CIP: 2013

Council District: 3/4

**Project Description:** New signal installation at the intersection of Smoky Hill and Picadilly.

**Goals Met:** City Services, Quality of Life, Environment

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016       | 2017 | 2018 | 2019 | 2020 | TOTAL   |
|----------------------------------|----------------|------------|------|------|------|------|---------|
| <b>Design and CM:</b>            | \$ -           | \$ -       | \$ - | \$ - | \$ - | \$ - | -       |
| <b>Land Acquisition:</b>         | -              | -          | -    | -    | -    | -    | -       |
| <b>Construction:</b>             | -              | 300,000    | -    | -    | -    | -    | 300,000 |
| <b>Subtotal</b>                  | \$ -           | \$ 300,000 | \$ - | \$ - | \$ - | \$ - | 300,000 |
| <b>Funds from other Sources:</b> | -              | -          | -    | -    | -    | \$ - | -       |

**Funding:** \$ - \$ 300,000 \$ - \$ - \$ - \$ - \$ 300,000

*City total portion*

|                               |            |
|-------------------------------|------------|
| Total Design & CM Costs:      | \$ -       |
| Total Land Acquisition Costs: | \$ -       |
| Total Construction Costs:     | \$ 300,000 |
| Total City Project Costs:     | \$ 300,000 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** Annual cost for signal power and maintenance will be wrapped into the City's existing Public Works General Fund contracts.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name:** Quincy Avenue Widening

**Project Type:** Streets and Intersections

First Shown in CIP: 2016

Council District: 4

**Project Description:** Money to initiate design for the ultimate widening of Quincy Avenue at Flanders Street. Joint project with City of Aurora. Funding is offset by developer's contribution.

**Goals Met:** City Services, Quality of Life, Environment

**ESTIMATED FUNDING SCHEDULE:**

|                                  |                               | *Prior Funding | 2016       | 2017 | 2018 | 2019 | 2020 | TOTAL      |
|----------------------------------|-------------------------------|----------------|------------|------|------|------|------|------------|
| <b>Design and CM:</b>            |                               | \$ -           | \$ 250,000 | \$ - | \$ - | \$ - | \$ - | \$ 250,000 |
| <b>Land Acquisition:</b>         |                               | -              | -          | -    | -    | -    | -    | -          |
| <b>Construction:</b>             |                               | -              | -          | -    | -    | -    | -    | -          |
| <b>Subtotal</b>                  |                               | \$ -           | \$ 250,000 | \$ - | \$ - | \$ - | \$ - | \$ 250,000 |
| <b>Funds from other Sources:</b> | <b>Developer Contribution</b> | -              | 250,000    | -    | -    | -    | -    | \$ 250,000 |
|                                  |                               | -              | -          | -    | -    | -    | -    | -          |

**Funding:** \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -  
**City total portion**

|                               |            |
|-------------------------------|------------|
| Total Design & CM Costs:      | \$ 250,000 |
| Total Land Acquisition Costs: | \$ -       |
| Total Construction Costs:     | \$ -       |
| Total City Project Costs:     | \$ -       |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** Additional pavement width will be maintained through the City's annual street rehabilitation program.

**PROJECT LOCATION:**

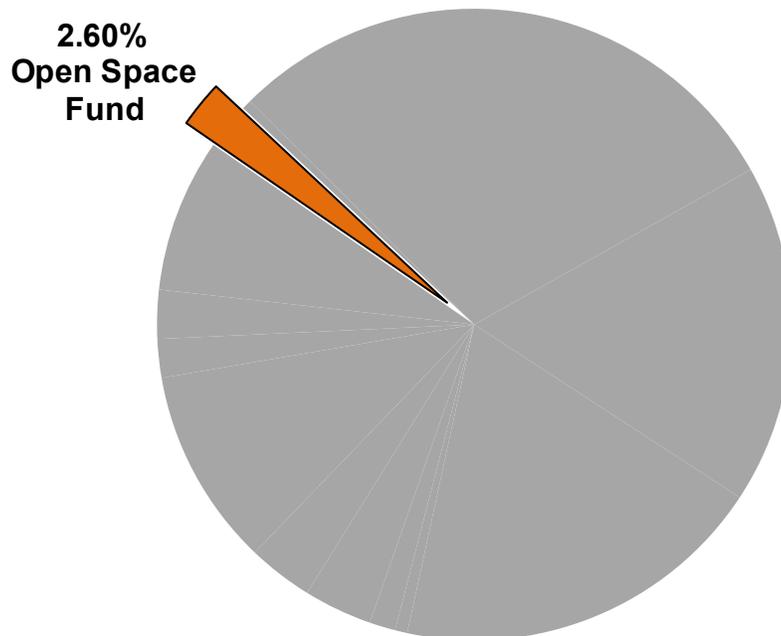




## OPEN SPACE FUND

*In 2003 and 2011, voters approved a county-wide ¼ cent sales tax to pay for the preservation of open space in Arapahoe County. Collection of the sales tax began January 1, 2004 and is set to expire December 31, 2023. Fifty percent (50%) of the collected funds are given to municipalities on the basis of population. Funds may be used to acquire open space or park land and make improvements to parks and trails. Ten percent (10%) of the funds may be used to maintain open space.*

### 2016 Expenditures Open Space Fund



This graph illustrates the percentage of this function's expenditures to the operating budget of all fund types.

**Open Space Fund  
Budget Summary by Budget Category**

|                           | 2014<br>Actual      | 2015<br>Adopted     | 2015<br>Revised     | 2016<br>Adopted     | 2015 Adopted/<br>2016 Budget |              |
|---------------------------|---------------------|---------------------|---------------------|---------------------|------------------------------|--------------|
|                           |                     |                     |                     |                     | \$ Chg                       | % Chg        |
| Personnel Services        | \$ 30,733           | \$ 80,000           | \$ 80,000           | \$ 80,000           | \$ -                         | 0.0%         |
| Other Services & Supplies | 34,677              | 398,000             | 413,000             | 210,000             | (188,000)                    | -47.2%       |
| Capital Outlay            | 2,058,407           | 1,589,000           | 3,998,387           | 1,685,000           | 96,000                       | 6.0%         |
| <b>TOTAL</b>              | <b>\$ 2,123,817</b> | <b>\$ 2,067,000</b> | <b>\$ 4,491,387</b> | <b>\$ 1,975,000</b> | <b>\$ (92,000)</b>           | <b>-4.5%</b> |



**Prior Year Accomplishments:**

|  |  |
|--|--|
|  <p><b>City Services</b></p>                                  | <ul style="list-style-type: none"> <li>• In conjunction with the City's Parks and Recreation providers, the Open Space Program has resulted in the construction and enhancement of numerous trails, parks, and open space projects and has enhanced the equality of neighborhoods and recreational services available to residents.</li> <li>• In 2015, the City completed several enhancements to Centennial Center Park including additional shade structures and a new picnic pavilion in the Rotary Garden.</li> <li>• Staff represented the City of Centennial as part of regional working groups and at forums related to parks, trails, and open space planning and project implementation.</li> </ul>  |
|  <p><b>Community Quality of Life / Citizen Engagement</b></p> | <ul style="list-style-type: none"> <li>• Implemented a number of projects that expanded access and availability of parks, trails and open space to citizens. These include:</li> <li>• Developed the neighborhood parks grant program to expand funding opportunities to additional community partners, including school districts and other public districts, through a formal competitive review process.</li> <li>• Initiated design engineering of the Lone Tree Creek Trail in cooperation with the Dove Valley Metro District and Centennial Airport Business Association. The City was awarded a grant from Arapahoe County to complete final engineering of the 1.5 mile trail.</li> <li>• Contributed funds to our two major Parks and Recreation Districts to implement various trail, park and recreational amenities.</li> </ul> |
|  <p><b>Economic Health</b></p>                               | <ul style="list-style-type: none"> <li>• Created a partnership with Arapahoe County to explore potential alternative uses for the Dove Valley Regional Park in conjunction with or in lieu of development of the City's Potomac Park Site. These enhancements could potentially attract visitors that will use retail services within the central part of the City.</li> <li>• Responded to unsolicited proposal of youth recreational facility at Potomac Park property.</li> </ul>   |
|  <p><b>Environment</b></p>                                  | <ul style="list-style-type: none"> <li>• Continued acquisition and improvements of open spaces to advance environmental stewardship, values, and citizen access to natural open lands.</li> <li>• Trail development, such as planning and design of the Lone Tree Creek Trail which provides enhanced options for non-motorized transportation and reduces fossil fuel consumption.</li> </ul>   |



**Goals and Objectives:**

|  |   |
|--|---|
|  <p><b>City Services</b></p>                                  | <ul style="list-style-type: none"> <li>• The Open Space Program will continue to support the construction and enhancement of numerous park, trail and open space projects to enhance the quality of neighborhoods and recreation services available to residents.</li> <li>• Staff will continue to represent the City of Centennial as part of regional working groups and at forums related to parks, trails, and open space planning and project implementation.</li> </ul>  |
|  <p><b>Community Quality of Life / Citizen Engagement</b></p> | <ul style="list-style-type: none"> <li>• Continue to partner with other agencies to acquire open space, construct trails, update park amenities, and enhance recreational opportunities consistent with the goals and needs identified in the 2007 Parks, Open Space, Trails and Recreation Master Plan. These include: Lone Tree Creek Trail, enhancements to Centennial Center Park, continued implementation of the Neighborhood Parks Grant Program, and continued funding of projects with our major parks and recreation providers.</li> <li>• Complete engineering and begin construction of the Lone Tree Creek Trail.</li> </ul> |
|  <p><b>Economic Health</b></p>                                | <ul style="list-style-type: none"> <li>• Continue to maintain a lean, transparent, responsive, and fiscally responsible division operating within budget and continue to use existing City funding sources to leverage grants from state and local sources to support and expand park, trail and open space projects.</li> </ul>  |
|  <p><b>Environment</b></p>                                   | <ul style="list-style-type: none"> <li>• Continue acquisition and improvement of open spaces to advance environmental stewardship, values and citizen access to natural open lands.</li> <li>• Continue trail development, such as the planning and development of the Lone Tree Creek Trail and other trails to enhance options for non-motorized transportation and reduce fossil fuel consumption.</li> </ul>  |



**2016-2020 Capital Improvement Program**

**Project Name:** Parker Jordan Open Space Maintenance

Project Type: Parks and Trails

First Show n in CIP: 2010

Council District: 3

**Project Description:** This item covers the City's portion of the annual maintenance for the 107 acre Parker Jordan Centennial Open Space property located near Cherry Creek and East Broncos Parkway. The Parker Jordan Metro District covers 50 percent (50%) of the cost.

**Goals Met:** City Services, Quality of Life

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016      | 2017      | 2018      | 2019      | 2020      | TOTAL      |
|----------------------------------|----------------|-----------|-----------|-----------|-----------|-----------|------------|
| <b>Design and CM:</b>            | \$ -           | \$ -      | \$ -      | \$ -      | \$ -      | \$ -      | -          |
| <b>Land Acquisition:</b>         | -              | -         | -         | -         | -         | -         | -          |
| <b>Construction:</b>             | 270,462        | 75,000    | 75,000    | 75,000    | 75,000    | 75,000    | 645,462    |
| <b>Subtotal</b>                  | \$ 270,462     | \$ 75,000 | \$ 75,000 | \$ 75,000 | \$ 75,000 | \$ 75,000 | \$ 645,462 |
| <b>Funds from other Sources:</b> | -              | -         | -         | -         | -         | -         | -          |
|                                  | -              | -         | -         | -         | -         | -         | -          |

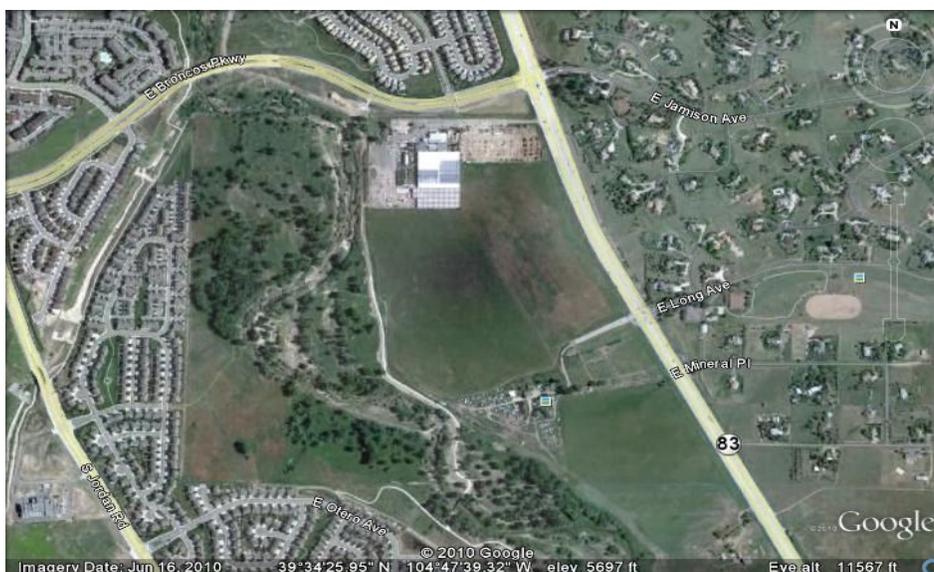
**Funding:** \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 645,462  
**City total portion**

|                               |            |
|-------------------------------|------------|
| Total Design & CM Costs:      | \$ -       |
| Total Land Acquisition Costs: | \$ -       |
| Total Construction Costs:     | \$ 645,462 |
| Total City Project Costs:     | \$ 645,462 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** This project covers the City's share of the annual O&M costs for the open space property.

**PROJECT LOCATION:**





**Project Name: Arapahoe Park and Recreation District (APRD) Maintenance**

Project Type: Maintenance First Show n in CIP: 2013 Council District: 4

**Project Description:** Annual maintenance costs of City owned facilities within the Arapahoe Park and Recreation District (APRD). This includes Cherokee Trail Park and the Greenfield Crossing segment of the Piney Creek Trail.

**Goals Met:** City Services & Quality of Life

**ESTIMATED FUNDING SCHEDULE:**

|                                  |  | *Prior Funding | 2016      | 2017      | 2018      | 2019      | 2020      | TOTAL     |
|----------------------------------|--|----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Design and CM:</b>            |  | \$ -           | \$ -      | \$ -      | \$ -      | \$ -      | \$ -      | -         |
| <b>Land Acquisition:</b>         |  | -              | -         | -         | -         | -         | -         | -         |
| <b>Construction:</b>             |  | 10,000         | 10,000    | 10,000    | 10,000    | 10,000    | 10,000    | 60,000    |
| <b>Subtotal</b>                  |  | \$ 10,000      | \$ 10,000 | \$ 10,000 | \$ 10,000 | \$ 10,000 | \$ 10,000 | \$ 60,000 |
| <b>Funds from other Sources:</b> |  | -              | -         | -         | -         | -         | -         | -         |
|                                  |  | -              | -         | -         | -         | -         | -         | -         |
| <b>Funding:</b>                  |  | \$ 10,000      | \$ 10,000 | \$ 10,000 | \$ 10,000 | \$ 10,000 | \$ 10,000 | \$ 60,000 |

*City total portion*

|                               |           |
|-------------------------------|-----------|
| Total Design & CM Costs:      | \$ -      |
| Total Land Acquisition Costs: | \$ -      |
| Total Construction Costs:     | \$ 60,000 |
| Total City Project Costs:     | \$ 60,000 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** Up to \$10,000 to reimburse APRD for City owned facilities that the District is maintaining on behalf of the City.

**PROJECT LOCATION:**







**2016-2020 Capital Improvement Program**

**Project Name:** City Wide Neighborhood Park Improvements  
**Project Type:** Parks and Trails First Show n in CIP : 2013 Council District: All

**Project Description:** This program provides for neighborhood park improvements through partnerships with local park and recreation providers. As other specific projects are identified additional funding sources will be pursued.

**Goals Met:** City Services & Quality of Life

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016       | 2017       | 2018       | 2019       | 2020       | TOTAL        |
|----------------------------------|----------------|------------|------------|------------|------------|------------|--------------|
| <b>Design and CM:</b>            | \$ -           | \$ -       | \$ -       | \$ -       | \$ -       | \$ -       | -            |
| <b>Land Acquisition:</b>         | -              | -          | -          | -          | -          | -          | -            |
| <b>Construction:</b>             | 556,166        | 250,000    | 250,000    | 250,000    | 250,000    | 250,000    | 1,806,166    |
| <b>Subtotal</b>                  | \$ 556,166     | \$ 250,000 | \$ 250,000 | \$ 250,000 | \$ 250,000 | \$ 250,000 | \$ 1,806,166 |
| <b>Funds from other Sources:</b> | -              | -          | -          | -          | -          | -          | -            |
|                                  | -              | -          | -          | -          | -          | -          | -            |

**Funding:** \$ 556,166 \$ 250,000 \$ 250,000 \$ 250,000 \$ 250,000 \$ 250,000 \$ 1,806,166  
**City total portion**

|                               |              |
|-------------------------------|--------------|
| Total Design & CM Costs:      | \$ -         |
| Total Land Acquisition Costs: | \$ -         |
| Total Construction Costs:     | \$ 1,806,166 |
| Total City Project Costs:     | \$ 1,806,166 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** Specific O&M costs will be identified when projects are selected. Depending on partnerships, the O&M will be the responsibility of the parks and recreation districts.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name:** Regional Park Contribution

Project Type: Parks and Trails

First Show n in CIP: 2012

Council District: All

**Project Description:** This is funding for a regional park to service the Centennial community. Specific project(s) for this funding will be determined at a future date.

**Goals Met:** City Services and Quality of Life

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016 | 2017       | 2018       | 2019       | 2020       | TOTAL        |
|----------------------------------|----------------|------|------------|------------|------------|------------|--------------|
| <b>Design and CM:</b>            | \$ -           | \$ - | \$ -       | \$ -       | \$ -       | \$ -       | -            |
| <b>Land Acquisition:</b>         | -              | -    | -          | -          | -          | -          | -            |
| <b>Construction:</b>             | 824,000        | -    | 150,000    | 150,000    | 150,000    | 150,000    | 1,424,000    |
| <b>Subtotal</b>                  | \$ 824,000     | \$ - | \$ 150,000 | \$ 150,000 | \$ 150,000 | \$ 150,000 | \$ 1,424,000 |
| <b>Funds from other Sources:</b> | -              | -    | -          | -          | -          | -          | -            |
|                                  | -              | -    | -          | -          | -          | -          | -            |
| <b>Funding:</b>                  | \$ 824,000     | \$ - | \$ 150,000 | \$ 150,000 | \$ 150,000 | \$ 150,000 | \$ 1,424,000 |

**City total portion**

|                               |              |
|-------------------------------|--------------|
| Total Design & CM Costs:      | \$ -         |
| Total Land Acquisition Costs: | \$ -         |
| Total Construction Costs:     | \$ 1,424,000 |
| Total City Project Costs:     | \$ 1,424,000 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** Actual O&M costs will depend on the specific project selected and will be considered during project selection and design.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name:** South Suburban Park & Recreation District Projects

**Project Type:** Parks and Trails

First Shown in CIP: 2011

Council District: 1 & 2

**Project Description:** Improvements for South Suburban Parks and Recreation District (SSPRD) projects. Specific projects for future years will be identified in funding agreements with SSPRD.

**Goals Met:** City Services, Quality of Life, Environment

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016       | 2017       | 2018       | 2019       | 2020       | TOTAL        |
|----------------------------------|----------------|------------|------------|------------|------------|------------|--------------|
| <b>Design and CM:</b>            | \$ -           | \$ -       | \$ -       | \$ -       | \$ -       | \$ -       | -            |
| <b>Land Acquisition:</b>         | -              | -          | -          | -          | -          | -          | -            |
| <b>Construction:</b>             | 1,355,563      | 500,000    | 500,000    | 500,000    | 500,000    | 500,000    | 3,855,563    |
| <b>Subtotal</b>                  | \$ 1,355,563   | \$ 500,000 | \$ 500,000 | \$ 500,000 | \$ 500,000 | \$ 500,000 | \$ 3,855,563 |
| <b>Funds from other Sources:</b> | -              | -          | -          | -          | -          | -          | -            |

**Funding:** \$ 1,355,563 \$ 500,000 \$ 500,000 \$ 500,000 \$ 500,000 \$ 500,000 \$ 3,855,563

**City total portion**

|                               |              |
|-------------------------------|--------------|
| Total Design & CM Costs:      | \$ -         |
| Total Land Acquisition Costs: | \$ -         |
| Total Construction Costs:     | \$ 3,855,563 |
| Total City Project Costs:     | \$ 3,855,563 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** Annual O&M costs for these projects funded by this are the responsibility of SSPRD.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name: Lone Tree Creek Trail and Park Improvements**

Project Type: Parks and Trails

First Shown in CIP: 2011

Council District: All

**Project Description:** This project will include design of the Lone Tree Creek floodplain to accommodate future trail and park enhancements adjacent to Centennial Center Park, a trail/sidewalk along Arapahoe Road and trail extending to the north towards Cherry Creek State Park providing additional circulation.

**Goals Met:** City Services & Quality of Life

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016       | 2017       | 2018       | 2019 | 2020 | TOTAL     |
|----------------------------------|----------------|------------|------------|------------|------|------|-----------|
| <b>Design and CM:</b>            | \$ 100,000     | \$ -       | \$ -       | \$ -       | \$ - | \$ - | 100,000   |
| <b>Land Acquisition:</b>         | -              | -          | -          | -          | -    | -    | -         |
| <b>Construction:</b>             | 733,900        | 250,000    | 250,000    | 100,000    | -    | -    | 1,333,900 |
| <b>Subtotal</b>                  | \$ 833,900     | \$ 250,000 | \$ 250,000 | \$ 100,000 | \$ - | \$ - | 1,433,900 |
| <b>Funds from other Sources:</b> | -              | -          | -          | -          | -    | -    | -         |
|                                  | -              | -          | -          | -          | -    | -    | -         |

**Funding:** \$ 833,900 \$ 250,000 \$ 250,000 \$ 100,000 \$ - \$ - \$ 1,433,900  
**City total portion**

|                               |              |
|-------------------------------|--------------|
| Total Design & CM Costs:      | \$ 100,000   |
| Total Land Acquisition Costs: | \$ -         |
| Total Construction Costs:     | \$ 1,333,900 |
| Total City Project Costs:     | \$ 1,433,900 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** Specific O&M costs will be identified when projects are selected. Depending in partnerships the O&M will be the responsibility of the parks and recreation districts.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name: Neighborhood Trail Connections**

Project Type: Parks and Trails

First Show n in CIP : 2011

Council District: All

**Project Description:** This program provides for neighborhood connections to the regional trail system, including Little Dry Creek Trail, Big Dry Creek, the C-470 Trail system and others. As specific projects are identified, additional funding sources will be pursued.

**Goals Met:** City Services & Quality of Life

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016       | 2017       | 2018       | 2019       | 2020       | TOTAL        |
|----------------------------------|----------------|------------|------------|------------|------------|------------|--------------|
| <b>Design and CM:</b>            | \$ -           | \$ -       | \$ -       | \$ -       | \$ -       | \$ -       | -            |
| <b>Land Acquisition:</b>         | -              | -          | -          | -          | -          | -          | -            |
| <b>Construction:</b>             | 660,900        | 250,000    | 150,000    | 150,000    | 150,000    | 150,000    | 1,510,900    |
| <b>Subtotal</b>                  | \$ 660,900     | \$ 250,000 | \$ 150,000 | \$ 150,000 | \$ 150,000 | \$ 150,000 | \$ 1,510,900 |
| <b>Funds from other Sources:</b> | -              | -          | -          | -          | -          | -          | -            |
|                                  | -              | -          | -          | -          | -          | -          | -            |

**Funding:** \$ 660,900 \$ 250,000 \$ 150,000 \$ 150,000 \$ 150,000 \$ 150,000 \$ 1,510,900

**City total portion**

|                               |              |
|-------------------------------|--------------|
| Total Design & CM Costs:      | \$ -         |
| Total Land Acquisition Costs: | \$ -         |
| Total Construction Costs:     | \$ 1,510,900 |
| Total City Project Costs:     | \$ 1,510,900 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** Specific O&M costs will be identified when projects are selected. Depending on partnerships, the O&M will be the responsibility of the parks and recreation districts.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name:** Arapahoe Park and Recreation District Projects

**Project Type:** Parks and Trails

First Show n in CIP : 2011

Council District: 3 & 4

**Project Description:** Improvements to Trails Recreation Center in the Arapahoe Park and Recreation District (APRD). Specific projects for future years will be indentified in funding agreements with APRD.

**Goals Met:** City Services & Quality of Life

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016       | 2017       | 2018       | 2019       | 2020       | TOTAL        |
|----------------------------------|----------------|------------|------------|------------|------------|------------|--------------|
| <b>Design and CM:</b>            | \$ -           | \$ -       | \$ -       | \$ -       | \$ -       | \$ -       | -            |
| <b>Land Acquisition:</b>         | -              | -          | -          | -          | -          | -          | -            |
| <b>Construction:</b>             | 249,776        | 185,000    | 185,000    | 185,000    | 185,000    | 185,000    | 1,174,776    |
| <b>Subtotal</b>                  | \$ 249,776     | \$ 185,000 | \$ 185,000 | \$ 185,000 | \$ 185,000 | \$ 185,000 | \$ 1,174,776 |
| <b>Funds from other Sources:</b> | -              | -          | -          | -          | -          | -          | -            |
|                                  | -              | -          | -          | -          | -          | -          | -            |

**Funding:** \$ 249,776 \$ 185,000 \$ 185,000 \$ 185,000 \$ 185,000 \$ 185,000 \$ 1,174,776  
**City total portion**

|                               |              |
|-------------------------------|--------------|
| Total Design & CM Costs:      | \$ -         |
| Total Land Acquisition Costs: | \$ -         |
| Total Construction Costs:     | \$ 1,174,776 |
| Total City Project Costs:     | \$ 1,174,776 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** Annual O&M costs for these projects funded by this are the responsibility of APRD.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name:** Land Improvements

**Project Type:** Parks and Trails

First Show n in CIP: 2010

Council District: 3

**Project Description:** Upgrade water tap (1.5" to 3.0") and related necessary improvements at Centennial Center Park.

**Goals Met:** City Services, Quality of Life

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016       | 2017 | 2018 | 2019 | 2020 | TOTAL     |
|----------------------------------|----------------|------------|------|------|------|------|-----------|
| <b>Design and CM:</b>            | \$ -           | \$ -       | \$ - | \$ - | \$ - | \$ - | -         |
| <b>Land Acquisition:</b>         | -              | -          | -    | -    | -    | -    | -         |
| <b>Construction:</b>             | 1,689,796      | 100,000    | -    | -    | -    | -    | 1,789,796 |
| <b>Subtotal</b>                  | \$ 1,689,796   | \$ 100,000 | \$ - | \$ - | \$ - | \$ - | 1,789,796 |
| <b>Funds from other Sources:</b> | -              | -          | -    | -    | -    | -    | -         |

**Funding:** \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 1,789,796  
**City total portion**

|                               |              |
|-------------------------------|--------------|
| Total Design & CM Costs:      | \$ -         |
| Total Land Acquisition Costs: | \$ -         |
| Total Construction Costs:     | \$ 1,789,796 |
| Total City Project Costs:     | \$ 1,789,796 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** This project covers the City's share of the annual O&M costs for the open space property.

**PROJECT LOCATION:**

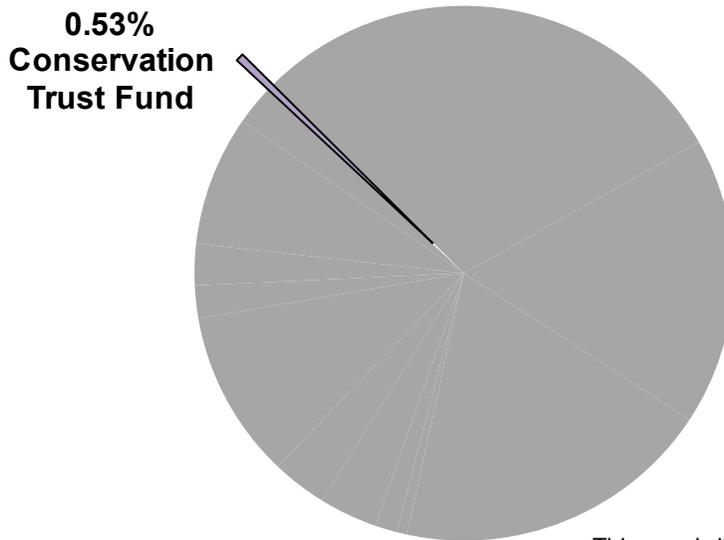


# CONSERVATION TRUST FUND



*The City also receives Conservation Trust Funds (CTF) from the State of Colorado. Statewide, the Conservation Trust Fund receives 40 percent (40%) of net lottery proceeds. The state distributes CTF dollars to counties, municipalities and Title 32 special districts on a per capita basis. Funding may be used for the acquisition, development and maintenance of new conservation sites or for capital improvements or maintenance for recreational purposes.*

## 2016 Expenditures Conservation Trust Fund



This graph illustrates the percentage of this function's expenditures to the operating budget of all fund types.

### Conservation Trust Fund Budget Summary by Budget Category

|                           | 2014<br>Actual    | 2015<br>Adopted   | 2015<br>Revised     | 2016<br>Adopted   | 2015 Adopted/<br>2016 Budget |               |
|---------------------------|-------------------|-------------------|---------------------|-------------------|------------------------------|---------------|
|                           |                   |                   |                     |                   | \$ Chg                       | % Chg         |
| Other Services & Supplies | \$ 185,413        | \$ 2,500          | \$ 2,500            | \$ 202,500        | \$ 200,000                   | 8000.0%       |
| Capital Outlay            | 590,896           | 550,000           | 2,301,820           | 200,000           | (350,000)                    | -63.6%        |
| <b>TOTAL</b>              | <b>\$ 776,309</b> | <b>\$ 552,500</b> | <b>\$ 2,304,320</b> | <b>\$ 402,500</b> | <b>\$ (150,000)</b>          | <b>-27.1%</b> |



**2016-2020 Capital Improvement Program**

**Project Name:** Park Maintenance

**Project Type:** Parks and Trails

First Show n in CIP: 2011

Council District: All

**Project Description:** This item covers annual maintenance for park & open space property in Centennial. The focus of the work is on the City's main park located near the Centennial Civic Center.

**Goals Met:** City Services, Quality of Life

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016       | 2017       | 2018       | 2019       | 2020       | TOTAL        |
|----------------------------------|----------------|------------|------------|------------|------------|------------|--------------|
| <b>Design and CM:</b>            | \$ -           | \$ -       | \$ -       | \$ -       | \$ -       | \$ -       | -            |
| <b>Land Acquisition:</b>         | -              | -          | -          | -          | -          | -          | -            |
| <b>Construction:</b>             | 422,883        | 202,500    | 202,500    | 202,500    | 202,500    | 202,500    | 1,012,500    |
| <b>Subtotal</b>                  | \$ 422,883     | \$ 202,500 | \$ 202,500 | \$ 202,500 | \$ 202,500 | \$ 202,500 | \$ 1,012,500 |
| <b>Funds from other Sources:</b> | -              | -          | -          | -          | -          | -          | -            |

**Funding:** \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 1,012,500

*City total portion*

|                               |              |
|-------------------------------|--------------|
| Total Design & CM Costs:      | \$ -         |
| Total Land Acquisition Costs: | \$ -         |
| Total Construction Costs:     | \$ 1,012,500 |
| Total City Project Costs:     | \$ 1,012,500 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** This project covers annual O&M costs for park & open space property.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name:** Multi-Use Trails

**Project Type:** Parks and Trails

First Show n in CIP : 2014

Council District: All

**Project Description:** This program provides construction of multi-use urban trails along major roadway corridors.

**Goals Met:** City Services & Quality of Life

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016 | 2017 | 2018       | 2019       | 2020       | TOTAL        |
|----------------------------------|----------------|------|------|------------|------------|------------|--------------|
| <b>Design and CM:</b>            | \$ -           | \$ - | \$ - | \$ -       | \$ -       | \$ -       | \$ -         |
| <b>Land Acquisition:</b>         | -              | -    | -    | -          | -          | -          | -            |
| <b>Construction:</b>             | 265,000        | -    | -    | 300,000    | 300,000    | 300,000    | 1,165,000    |
| <b>Subtotal</b>                  | \$ 265,000     | \$ - | \$ - | \$ 300,000 | \$ 300,000 | \$ 300,000 | \$ 1,165,000 |
| <b>Funds from other Sources:</b> | -              | -    | -    | -          | -          | -          | -            |

**Funding:** \$ 265,000 \$ - \$ - \$ 300,000 \$ 300,000 \$ 300,000 \$ 1,165,000  
**City total portion**

|                               |              |
|-------------------------------|--------------|
| Total Design & CM Costs:      | \$ -         |
| Total Land Acquisition Costs: | \$ -         |
| Total Construction Costs:     | \$ 1,165,000 |
| Total City Project Costs:     | \$ 1,165,000 |

**\*Prior Funding includes all expenditures for the life of the project through 2015.**

**Annual O&M Impacts:** Specific O&M costs will be identified when projects are selected. Depending on partnerships, the O&M will be the responsibility of the parks and recreation districts or the City.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name:** Centennial Center Park

Project Type: Parks and Trails

First Show n in CIP : 2011

Council District: All

**Project Description:** Various improvements and repairs to Centennial Center Park that are ineligible for Arapahoe County shareback funding.

**Goals Met:** City Services, Quality of Life

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016 | 2017       | 2018 | 2019 | 2020 | TOTAL     |
|----------------------------------|----------------|------|------------|------|------|------|-----------|
| <b>Design and CM:</b>            | \$ -           | \$ - | \$ -       | \$ - | \$ - | \$ - | -         |
| <b>Land Acquisition:</b>         | -              | -    | -          | -    | -    | -    | -         |
| <b>Construction:</b>             | 4,048,902      | -    | 300,000    | -    | -    | -    | 4,348,902 |
| <b>Subtotal</b>                  | \$ 4,048,902   | \$ - | \$ 300,000 | \$ - | \$ - | \$ - | 4,348,902 |
| <b>Funds from other Sources:</b> | -              | -    | -          | -    | -    | -    | -         |
| <b>Funding:</b>                  | \$ -           | \$ - | \$ -       | \$ - | \$ - | \$ - | 4,348,902 |

**City total portion**

|                               |              |
|-------------------------------|--------------|
| Total Design & CM Costs:      | \$ -         |
| Total Land Acquisition Costs: | \$ -         |
| Total Construction Costs:     | \$ 4,348,902 |
| Total City Project Costs:     | \$ 4,348,902 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** This project covers annual O&M costs for park & open space property.

**PROJECT LOCATION:**





**2016-2020 Capital Improvement Program**

**Project Name:** Waco to Himalaya Trail

**Project Type:** Parks and Trails

**First Show n in CIP :** 2011

**Council District:** All

**Project Description:** This program provides construction of multi-use urban trails along Arapahoe Road between Waco and Himalaya.

**Goals Met:** City Services, Quality of Life

**ESTIMATED FUNDING SCHEDULE:**

|                                  | *Prior Funding | 2016       | 2017 | 2018 | 2019 | 2020 | TOTAL   |
|----------------------------------|----------------|------------|------|------|------|------|---------|
| <b>Design and CM:</b>            | \$ -           | \$ -       | \$ - | \$ - | \$ - | \$ - | -       |
| <b>Land Acquisition:</b>         | -              | -          | -    | -    | -    | -    | -       |
| <b>Construction:</b>             | 200,000        | 200,000    | -    | -    | -    | -    | 400,000 |
| <b>Subtotal</b>                  | \$ 200,000     | \$ 200,000 | \$ - | \$ - | \$ - | \$ - | 400,000 |
| <b>Funds from other Sources:</b> | -              | -          | -    | -    | -    | -    | -       |
|                                  | -              | -          | -    | -    | -    | -    | -       |
| <b>Funding:</b>                  | \$ -           | \$ -       | \$ - | \$ - | \$ - | \$ - | 400,000 |

**City total portion**

|                               |            |
|-------------------------------|------------|
| Total Design & CM Costs:      | \$ -       |
| Total Land Acquisition Costs: | \$ -       |
| Total Construction Costs:     | \$ 400,000 |
| Total City Project Costs:     | \$ 400,000 |

\*Prior Funding includes all expenditures for the life of the project through 2015.

**Annual O&M Impacts:** This project covers annual O&M costs for park & open space property.

**PROJECT LOCATION:**

