

# Unfunded Capital Improvement Program (CIP) Needs

June 9, 2014

Steve Cox, Chief of Staff/Chief Administrative Officer

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## Background

- CIP backlog has continued to grow
  - Underfunded maintenance
  - Increasing and changing service demands
- 2013 CIP Needs Assessments – Total of \$1.3B
  - Citizen committee - **Non-stormwater needs**
    - Constrained model & total unfunded needs assessment
    - Presented to City Council findings
      - August 12 and September 9, 2013
    - **Highest priority unfunded needs \$467.6M**
    - Total unfunded needs \$805.4M
  - CH2M Hill - **Stormwater needs** assessment
    - Presented to City Council findings on Oct. 9, 2013
    - **Highest priority unfunded needs \$161.0M**
    - Total unfunded needs \$534.8M

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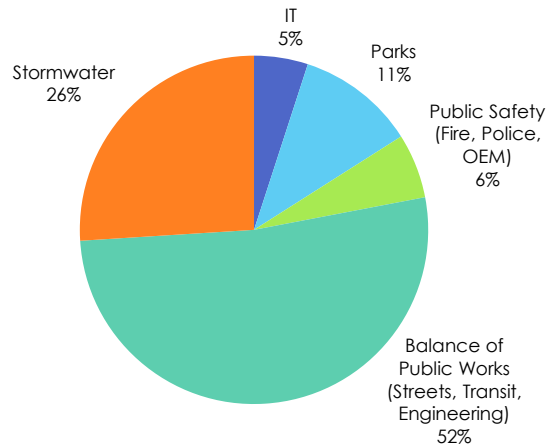


# Unfunded CIP Backlog

- Stormwater only part of the problem
- Additional critical CIP needs
  - IT
  - Parks
  - Public Safety
    - Police
    - Fire
    - OEM
  - Balance of Public Works
    - Streets
    - Transit
    - Engineering

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# Unfunded CIP needs by area



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# Highest Priority Unfunded CIP Needs

|   | Highest Priority CIP Needs | % of Highest Priority CIP Needs | Additional CIP Needs | Total Unfunded CIP Needs |
|---|----------------------------|---------------------------------|----------------------|--------------------------|
| <b>IT</b>   | \$30,000,000               | 5%                              | \$80,500,000         | \$110,500,000            |
| <b>Parks</b>  | 70,992,000                 | 11%                             | 109,369,846          | 180,361,846              |
| <b>Public Safety</b><br>(Fire, Police, OEM)                       | 40,000,000                 | 6%                              | 5,881,000            | 45,881,000               |
| <b>Stormwater</b>   | 161,000,000                | 26%                             | 373,785,000          | 534,785,000              |
| <b>Balance of Public Works</b><br>(Streets, Transit, Engineering) | 326,600,000                | 52%                             | 142,076,005          | 468,676,005              |
| <b>TOTAL</b>  | <b>\$628,592,000</b>       | <b>100%</b>                     | <b>\$711,611,851</b> | <b>\$1,340,203,851</b>   |

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# IT Unfunded CIP Needs

- Network infrastructure
- Security
- Software solutions
- Telecommunications
- Radio



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# IT Unfunded CIP Needs

## 2015 - 2019 Sample Construction Projects

- Information Security
- Infrastructure Remediation
- Service Quality Monitoring
- Electronic Land System
- Electronic Records Management System
- Fire Technology Modernization
- Enterprise Resource Planning
- JIS Court Management Software Replacement

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# IT Unfunded CIP Needs

## 2020 - 2024 Sample Construction Projects

- Refresh Information Security
- Refresh Infrastructure
- Maintenance on Service Quality Monitoring
- Maintenance on Electronic Land System
- Maintenance on Electronic Records Management System
- Maintenance on Fire Technology
- Refresh Enterprise Resource Planning
- Maintenance on JIS Court Management Software

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# Parks

## Unfunded CIP Needs



- Artificial Turf
- Parking facilities
- Athletic court renovations
- Building renovations
- Irrigation upgrades
- Playground structure replacement
- Trail renovations

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# Parks

## Unfunded CIP Needs

### 2015 - 2019 Sample Construction Projects

- Artificial Turf Fields - Phase 2
- Artificial Turf Fields - Phase I
- Asphalt Repair and Replacement - Parking Lots and Park Roads
- Athletic Court Renovation
- Building Renovations - Phase 1
- City Auditorium Restroom Upgrades
- Community Park Development - Phase 1
- Deferred Trail Development - Phase 1
- Irrigation Renovation and Upgrades - Phase 1
- Light Fixture Upgrades
- Neighborhood Park Development - Phase 1
- Park Renovations - Phase 1
- Parking Lot and Concrete Flatwork - Phase 1
- Pioneer Museum Exterior Renovation
- Playground Structure Replacement
- Pool Facilities Upgrade
- Roof Replacements
- Sports Complex Development
- Tennis Court Repair and Reconstruction - Phase 1
- TOPS Park funding
- Trail Renovation and Replacement - Phase 1
- Trail Renovation and Replacement - Phase 2
- Turf Reduction
- Urban Wood Waste Recycler

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# Parks Unfunded CIP Needs

## 2020 – 2024 Sample Construction Projects

- Building Renovations-Phase 2
- Community Park Development - Phase 2
- Cultural Services: Renovation and Repairs of Facilities and Amenities
- Deferred Trail Development - Phase 2
- Irrigation Renovation and Upgrades - Phase 2
- Neighborhood Park Development - Phase 2
- Park Renovations - Phase 2
- Parking Lot and Concrete Flatwork - Phase 2
- Playground Structure Replacement
- Regional and Open Space Park Development
- Tennis Court Repair and Reconstruction-Phase 2
- Trail Renovation and Replacement - Phase 3

# Public Safety (Fire, Police, OEM) Unfunded CIP Needs

- Building security enhancements
- Critical facility repairs
- POC renovation
- Sub-station replacement
- Evidence building
- Impound facility expansion
- Radio infrastructure
- Direct Digital Control



## Public Safety (Fire, Police, OEM)

### Unfunded CIP Needs

#### 2015 - 2019 Sample Construction Projects

- Building Security Enhancements
- Clinic and Storage
- Critical Existing Facility Repairs
- Emergency Generators
- Equipment for Station 22
- Existing Facility Repairs
- Fire Burn Props
- Fire Station 3 Renovation
- Fire Station 7 Renovation
- Logistics & Transportation Parking Lot
- POC 4th Floor Paint & Carpet Replacement
- POC Remodel Floors 1-3 & Basement
- Police Evidence Building Construction
- Police Impound Facility Expansion
- Police Impound Facility Storage Lot Light Upgrade
- Radio Infrastructure - Replacement (City Share)
- Sand Creek Police Sub-station Replacement
- Stetson Hills Direct Digital Control (DDC) Installation
- Universal Power Supply Batteries at POC
- Ventilation Improvements

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## Public Safety (Fire, Police, OEM)

### Unfunded CIP Needs

#### 2020 - 2024 Sample Construction Projects

- Fire Department Complex, Phase II B
- Fire Station 1 Remodel
- Interview Room Equipment
- Laboratory Information System
- Parking and Paving Improvements
- Security Camera Upgrades
- Station Bathroom Remodels
- Window Replacement at Fire Stations

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## Stormwater Unfunded CIP Needs

- Detention ponds
- Cottonwood Creek
- Fountain Creek
- Monument Creek
- Rockrimmon Channel
- Shooks Run
- 31<sup>st</sup> Street drainage way
- South Douglas Creek



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## Stormwater Unfunded CIP Needs

### 2015 - 2019 Sample Construction Projects

- 31st Street Drainage Way, Phase 1
- 31st Street Drainage Way, Phase 2
- Austin Bluffs Tributary Detention Pond - Upstream of Research
- Cottonwood Creek - Academy to Union
- Cottonwood Creek - Austin Bluffs to Powers
- Cottonwood Creek - Monument Creek to Academy
- Cottonwood Creek Detention Pond - Bridle Pass Drive
- Cottonwood Creek Detention Pond - Cottonwood Park (west side)
- Dry Creek Channel – Dairy Ranch Road to Carlson Drive
- Fairfax Tributary Detention Pond - Research Parkway at Powers
- Fountain Creek - Drake Power Plant to S. Tejon St. - High Priority Reach 3 Projects
- Fountain Creek - N end Drake Power Plant to south end of Drake Power Plant - High Priority Reach 2 Projects
- Fountain Creek - W. Cimmaron St. to N end of Drake Power Plant - High Priority Reach 1 Projects
- Hancock Expressway Channel East of Astrozon
- Monument Creek at Talamine
- Monument Creek Mobile Home Park
- N. Douglas Creek between I-25 and Monument Creek
- Palmer Park Channel - Galley Rd. to Palmer Park, 300+00 to 345+00
- Rangewood Tributary Detention Pond at Dublin Blvd.
- Shooks Run - Bijou St. Culvert and Channel Stabilization - High Priority Project
- South Pine Creek Detention Pond - Lexington at Bordeaux
- Templeton Gap Floodway

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# Stormwater Unfunded CIP Needs

## 2020 – 2024 Sample Construction Projects

- 1522 N. Custer
- 19th St Detention Pond
- Fountain Creek - Fountain Mutual Canal to US 24 Bypass - High Priority Reach 6 Projects
- Fountain Creek - Mobile Home Park to N end El Pomar Sports Park - High Priority Reach 9 Projects
- Fountain Creek - N end El Pomar Sports Park to S end El Pomar Sports Park - High Priority Reach 10 Projects
- Fountain Creek - S. Tejon St. to Shooks Run - High Priority Reach 4 Projects
- Fountain Creek - Shooks Run to Fountain Mutual Canal - High Priority Reach 5 Projects
- Fountain Creek - Spring Creek to Mobile Home Park - High Priority Reach 8 Projects
- Fountain Creek - US 24 Bypass to Spring Creek - High Priority Reach 7 Projects
- Galley Road Channel - Platte Ave. to Galley Rd., 270+00 to 300+00
- Gold Medal Pt. Channel
- Halleys Court
- Little Shooks Run - Pipe Arch
- Park Vista
- Patty Jewett Golf Course - Conc Ditch Failure
- Pine Creek Channel Outfall into Monument Creek
- Rockrimmon Channel
- Rockrimmon Channel at Rockrimmon/Pro Rodeo Int.
- S. Douglas Creek Critical Repairs
- Sand Creek Downstream of Platte
- Shooks Run - Cache La Poudre St. to Patty Jewett Golf Course
- Shooks Run - Patty Jewett Golf Course

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# Balance of Public Works (Streets, Transit, Engineering) Unfunded CIP Needs

- Bridge replacement/rehabilitation
- Roadway safety and maintenance
- Congestion and incident management
- Concrete curb, gutter and sidewalk
- Facility renovations
- Street reconstruction and rehabilitation
- Traffic signal system upgrade



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# Balance of Public Works

(Streets, Transit, Engineering)

## Unfunded CIP Needs

### 2015 – 2019 Sample Construction Projects

- Academy Blvd. Corridor Improvements (ABC Great Streets Study)
- Academy Blvd. Resurfacing (partial)
- ADA Pedestrian Ramps Replacement - Phase 1
- ADA Sidewalk Installation - Phase 1
- Airport Rd./Murray Blvd.
- Bridge Safety Improvements - Phase I
- Cache La Poudre over Monument Creek Bridge Rehabilitation
- Cascade Ave. over Cheyenne Run Bridge Replacement
- Citadel Transfer Station Relocation Study
- Citywide Pedestrian Improvements
- Citywide roadway safety and maintenance, congestion and incident management - Phase 1
- Concrete - Curb, Gutter, Sidewalk
- Constitution Ave./Paseo Rd. Intersection Improvements
- Delta Drive over Sand Creek Tributary
- Downtown Transfer Station Relocation Study
- Downtown Transit Bus Terminal Renovations
- Economic Priority Zone Resurfacing
- El Morro Rd. - Corrugated Metal Pipe Replacement
- Fillmore over Monument Creek Bridge Rehabilitation
- Gateway Rd. over Camp Creek Bridge Replacement
- Hancock Expwy. Realignment
- Las Vegas St./Royer UP RR Crossing Relocation
- LED Streetlight Upgrades
- Lorraine St. over Cheyenne Run Bridge Replacement
- Sierra Madre/UP RR Quiet Zone
- Street Rehabilitation/Reconstruction
- Streets Pavement Improvements (various corridors)
- Ticket Vending Machines
- Traffic Signal System Upgrade - Phase 1
- UPRR southbound over Fontanero Bridge Rehabilitation
- Variable Message Signs
- Verde over Spring Creek Corrugated Metal Pipe Replacement
- W. Woodmen Rd. reconstruction

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# Balance of Public Works

(Streets, Transit, Engineering)

## Unfunded CIP Needs

### 2020 – 2024 Sample Construction Projects

- 11th over Un-named Channel Corrugated Metal Pipe Replace
- 21st St. over Fountain Creek Bridge Replacement
- 21st St. Widening
- 30th St. Corridor Improvements
- 8th St. over Fountain Creek Bridge Rehabilitation
- ADA Pedestrian Ramps Replacement - Phase 2
- ADA Sidewalk Installation - Phase 2
- Alta Loma over T-Gap Corrugated Metal Pipe Replace
- Austin Bluffs Pkwy./Meadow Ridge Intersection
- Austin Bluffs Pkwy./Meadow Ridge to Woodmen Rd.
- Borrego Drive over T-Gap Corrugated Metal Pipe Replace
- Brenner Place over T-Gap. Bridge Replacement
- Bridge Safety Improvements - Phase 2
- Broadmoor Bluffs -Corrugated Metal Pipe Replacement
- Building Maintenance & Upgrades
- Cheyenne Canyon over N. Cheyenne Creek Bridge Replace
- Cimarron over Fountain Creek Bridge Rehabilitation
- Citywide roadway safety and maintenance, congestion and incident management - Phase 2
- Costilla over BNSF RR Bridge
- Dawson Dr. over Dry Creek Box Culvert Capacity Improvement
- Drennan Rd. over Jimmy Camp Creek Bridge Replace
- El Paso St. over Platte Ave. Bridge Rehabilitation
- Fascination over Sand Creek Tributary Concrete Pipe Replace
- Fillmore over UPRR Bridge Widening
- Garden o.t. Gods Rd. over S. Douglas Creek Bridge Rehab
- Garden of the Gods/Forge Rd. Intersection Improvements
- General Materials Storage at Briargate
- Hancock Ave. 1 over Peterson Replacement
- Hancock Ave. 2 over Peterson Tributary Pipe Replacement
- I-25 Ramps-South Nevada/Tejon St. Corridor Improvements
- Las Vegas over Colony Hills Drainage Bridge Rehabilitation
- Las Vegas St. Corridor Improvements
- Mark Dab.1 over Unnamed Channel Corrugated Metal Pipe Replace
- Mark Dab.2 over Unnamed Channel Corrugated Metal Pipe Replace
- Marksheffel Rd. over Jimmy Camp Creek Corrugated Metal Pipe Replace
- Mayhurst Ave. over Cheyenne Creek Bridge Replacement
- N. Nevada Ave./Mount View Ln. Intersection Improve
- Old Ranch Rd. widen from Voyager to Kettle Creek Bridge
- Return Rd. over Platte Ave. Bridge Rehabilitation
- Rockrimmon/Pro Rodeo Dr. Intersection Improvements
- S. Nevada Ave. over UPRR Bridge Replacement
- S. Tejon St. over UPRR Bridge Replacement
- San Miguel over Shooks Run Bridge Replacement
- Shooks Run Bridge Replacement
- St. Vrain St. over Shooks Run Bridge Replacement
- Stratton Ave. over Cheyenne Creek Bridge Replacement
- Traffic Signal System Upgrade - Phase 2
- Union Blvd./Pikes Peak Ave. Intersection Improvements
- UPRR northbound over Fontanero Bridge Rehabilitation
- Vincent over Cottonwood Creek Bridge Rehabilitation
- W. Unithal - I-25 to 19th Improvement Project
- Water St. over Camp Creek Bridge Replacement
- Willamette over Shooks Run Bridge Replacement
- Zoo Road over Unnamed Channel Corrugated Metal Pipe Replacement

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# Holistic One-Step Solution

to fund all critical City infrastructure needs

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# No New Tax – Bond Option

- Issue \$192.8M new sales tax revenue bonds without raising taxes
- Funds \$175.0M total projects - \$35.0M/year for 5 years
- \$14.9M payment for 20 years, based on 4.5% interest rate
  - \$7.9M – Repurpose cash flow from retiring SCIP Bonds \*
    - \$5.1M retiring in 2015, cash flow available for 2016
    - \$2.8M retiring in 2016, cash flow available for 2017
    - \$7.9M total cash flow available
    - If issued additional sales tax bonds prior to retirement, repayment schedule can be structured around current debt schedule
  - \$7.0M – Repurpose portion of GF CIP cash flow & find other savings opportunities
- Requires voter approval

| Amount issued | Project Fund | Annual Project Spend over 5 years | Annual Payment | Term     |
|---------------|--------------|-----------------------------------|----------------|----------|
| \$192.8M      | \$175.0M     | \$35.0M                           | \$14.9M        | 20 years |

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*\* Springs Community Improvements Program (SCIP) - in April 1999, SCIP successfully obtained voter approval for the City to sell \$88 million in bonds to fund 29 capital projects.*

# No New Tax – Bond Option

5-Year Summary CIP Impact of \$35M per year in new funding

|  | Per Year Average    | % of Highest Priority CIP Needs | 5-Year Total Spending (2015-2019) | Additional Unfunded CIP | Total Unfunded CIP Needs |
|--|---------------------|---------------------------------|-----------------------------------|-------------------------|--------------------------|
| <b>IT</b>  | \$1,000,000         | 3%                              | \$5,000,000                       | \$105,500,000           | \$110,500,000            |
| <b>Parks</b>   | 2,000,000           | 6%                              | 10,000,000                        | 170,361,846             | 180,361,846              |
| <b>Public Safety</b> (Fire, Police, OEM)                       | 2,000,000           | 5%                              | 10,000,000                        | 35,881,000              | 45,881,000               |
| <b>Stormwater</b>  | 25,500,000          | 73%                             | 127,500,000                       | 407,285,000             | 534,785,000              |
| <b>Balance of Public Works</b> (Streets, Transit, Engineering) | 4,500,000           | 13%                             | 22,500,000                        | 446,176,005             | 468,676,005              |
| <b>TOTAL</b>   | <b>\$35,000,000</b> | <b>100%</b>                     | <b>\$175,000,000</b>              | <b>\$1,165,203,851</b>  | <b>\$1,340,203,851</b>   |

- Requires voter approval
- New bonding, no tax increase

# 3/4 Cent Sales Tax Option

5-Year Summary CIP Impact of \$52.5M per year in new funding

|  | Per Year Average    | % of Highest Priority CIP Needs | 5-Year Total Spending (2015-2019) | Additional Unfunded CIP | Total Unfunded CIP Needs |
|--|---------------------|---------------------------------|-----------------------------------|-------------------------|--------------------------|
| <b>IT</b>  | \$3,000,000         | 6%                              | \$15,000,000                      | \$95,500,000            | \$110,500,000            |
| <b>Parks</b>   | 4,000,000           | 8%                              | 20,000,000                        | 160,361,846             | 180,361,846              |
| <b>Public Safety</b> (Fire, Police, OEM)                       | 5,000,000           | 9%                              | 25,000,000                        | 20,881,000              | 45,881,000               |
| <b>Stormwater</b>  | 25,500,000          | 49%                             | 127,500,000                       | 407,285,000             | 534,785,000              |
| <b>Balance of Public Works</b> (Streets, Transit, Engineering) | 15,000,000          | 29%                             | 75,000,000                        | 393,676,005             | 468,676,005              |
| <b>TOTAL</b>   | <b>\$52,500,000</b> | <b>100%</b>                     | <b>\$262,500,000</b>              | <b>\$1,077,703,851</b>  | <b>\$1,340,203,851</b>   |

- Requires voter approval
- Tax could sunset, except an ongoing amount for project maintenance

# 1 Cent Sales Tax Option

5-Year Summary CIP Impact of \$70M per year in new funding

|   | Per Year Average    | % of Highest Priority CIP Needs | 5-Year Total Spending (2015-2019) | Additional Unfunded CIP | Total Unfunded CIP Needs |
|---|---------------------|---------------------------------|-----------------------------------|-------------------------|--------------------------|
| <b>IT</b>   | \$5,000,000         | 7%                              | \$25,000,000                      | \$85,500,000            | \$110,500,000            |
| <b>Parks</b>  | 7,000,000           | 10%                             | 35,000,000                        | 145,361,846             | 180,361,846              |
| <b>Public Safety</b> (Fire, Police, OEM)                          | 7,500,000           | 11%                             | 37,500,000                        | 8,381,000               | 45,881,000               |
| <b>Stormwater</b>   | 25,500,000          | 36%                             | 127,500,000                       | 407,285,000             | 534,785,000              |
| <b>Balance of Public Works</b><br>(Streets, Transit, Engineering) | 25,000,000          | 36%                             | 125,000,000                       | 343,676,005             | 468,676,005              |
| <b>TOTAL</b>  | <b>\$70,000,000</b> | <b>100%</b>                     | <b>\$350,000,000</b>              | <b>\$990,203,851</b>    | <b>\$1,340,203,851</b>   |

- Requires voter approval
- Tax could sunset, except an ongoing amount for project maintenance

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## Conclusion

- Unfunded CIP needs are great
- Infrastructure is crumbling
- Stormwater is only part of the broader capital problem
- Executive Branch recommends a holistic one-step solution and respectfully requests City Council's consideration and action

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