



City of Boulder

City Council Study Session

2016–2021 Capital Improvement Program

August 11, 2015

# Agenda

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- ▶ Introduction/Video
- ▶ Financial Highlight
- ▶ Utilities Rates
- ▶ Next Steps
- ▶ Council Discussion



# Introduction

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- ▶ The CIP is the city's guide to its investment in infrastructure and the community
- ▶ The CIP provides a detailed description of projects and project funding
- ▶ The funding plan for the first year of the 2016 – 2021 CIP represents the capital part of the 2016 overall budget

# Community Sustainability Framework



## Boulder Valley Comprehensive Plan



# Process - Boards



-  CIP Project Information Sharing, Identification and Citywide Coordination
-  Submission and Review of Projects
-  Study Session, Capital Improvement Program (CIP)
-  Council Study Session and Public Hearings on Recommended Budget and its implementing ordinances

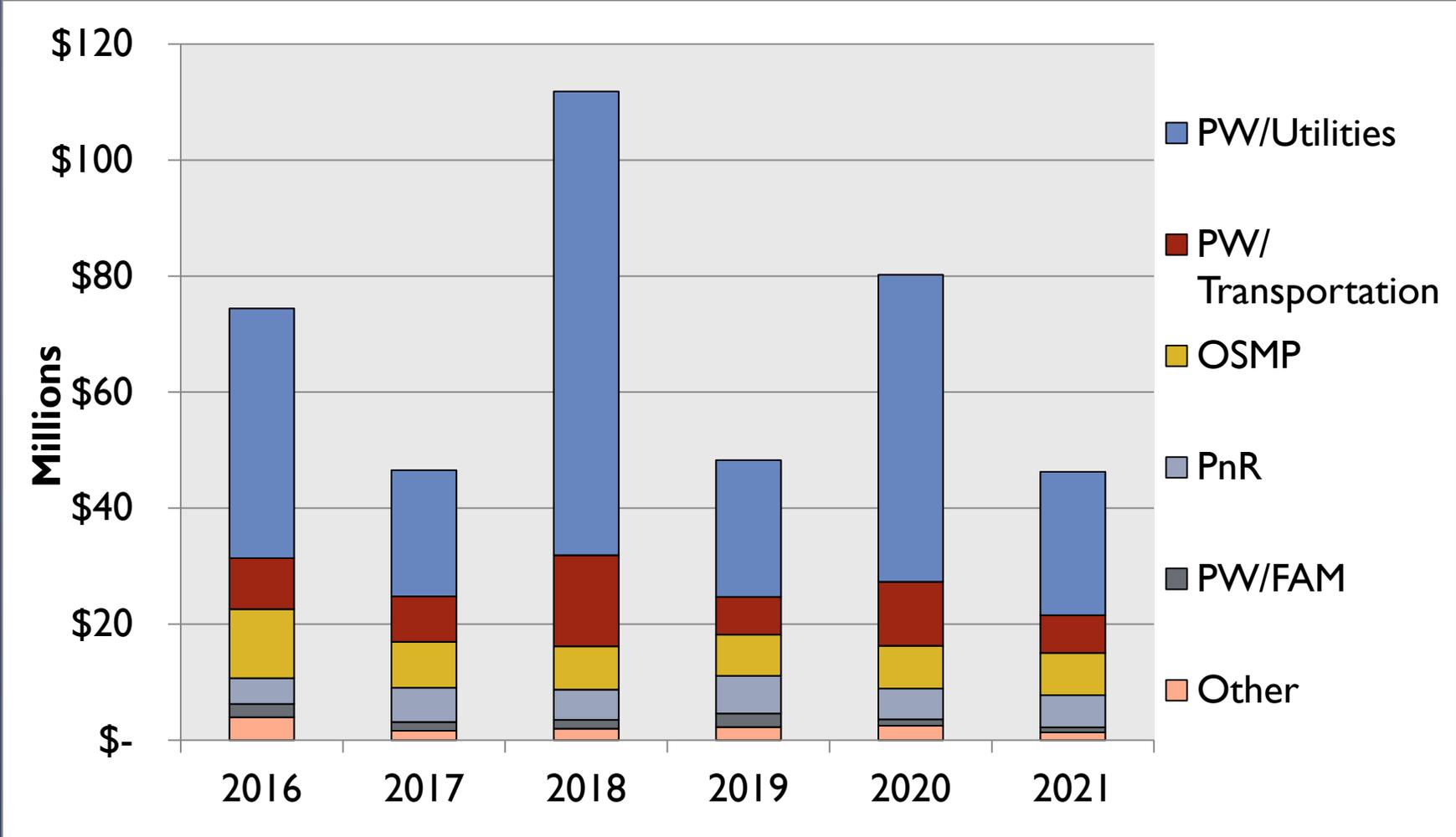
# CIP Funding

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- ▶ Total Proposed Funding for 2016-2021:
  - ▶ \$407.5 million
  - ▶ 159 projects
  
- ▶ 2016 Proposed Funding:
  - ▶ \$74.4 million
  - ▶ 111 projects

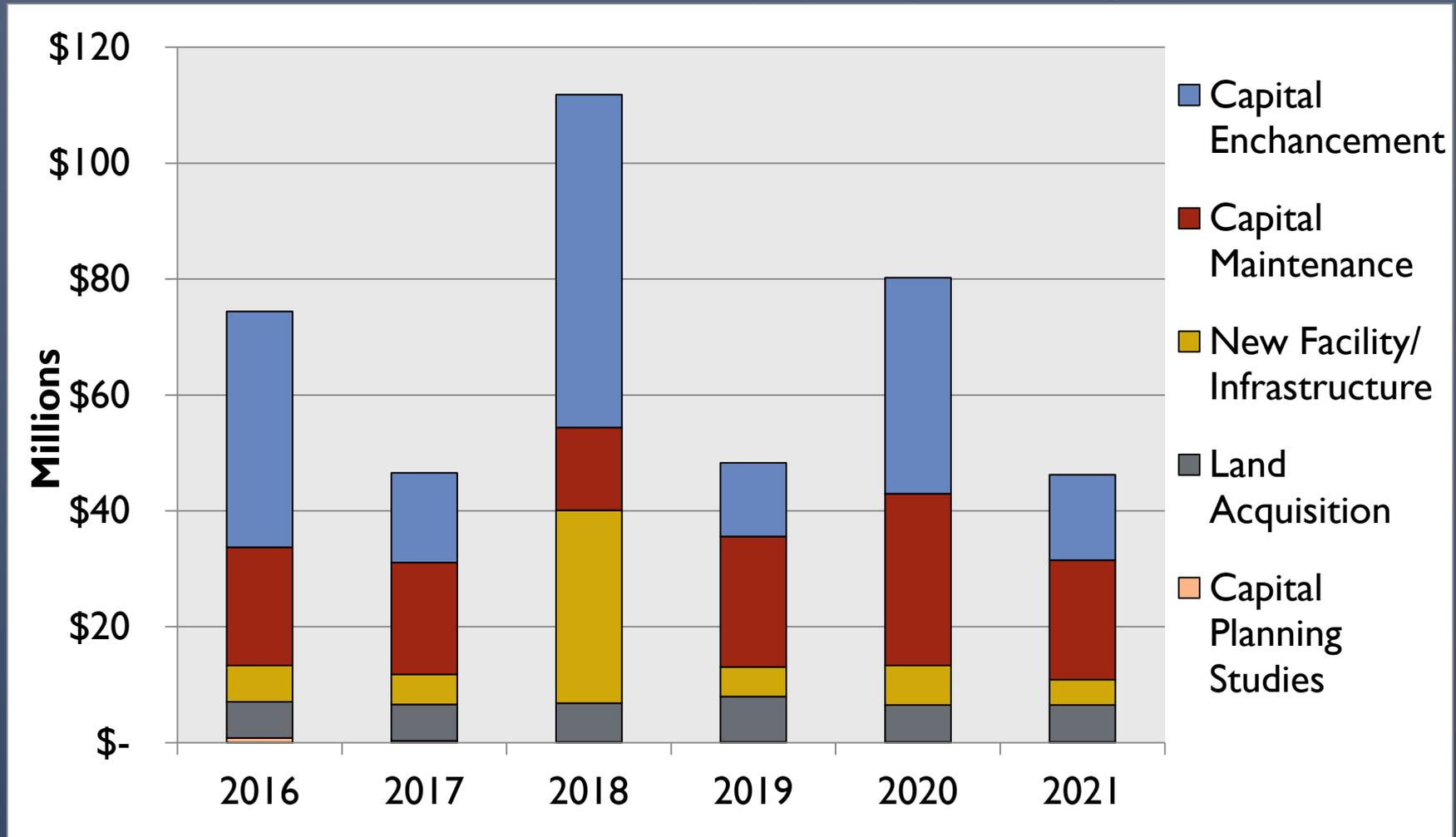
# CIP Funding

## 2016-2021 CIP Funding by Department



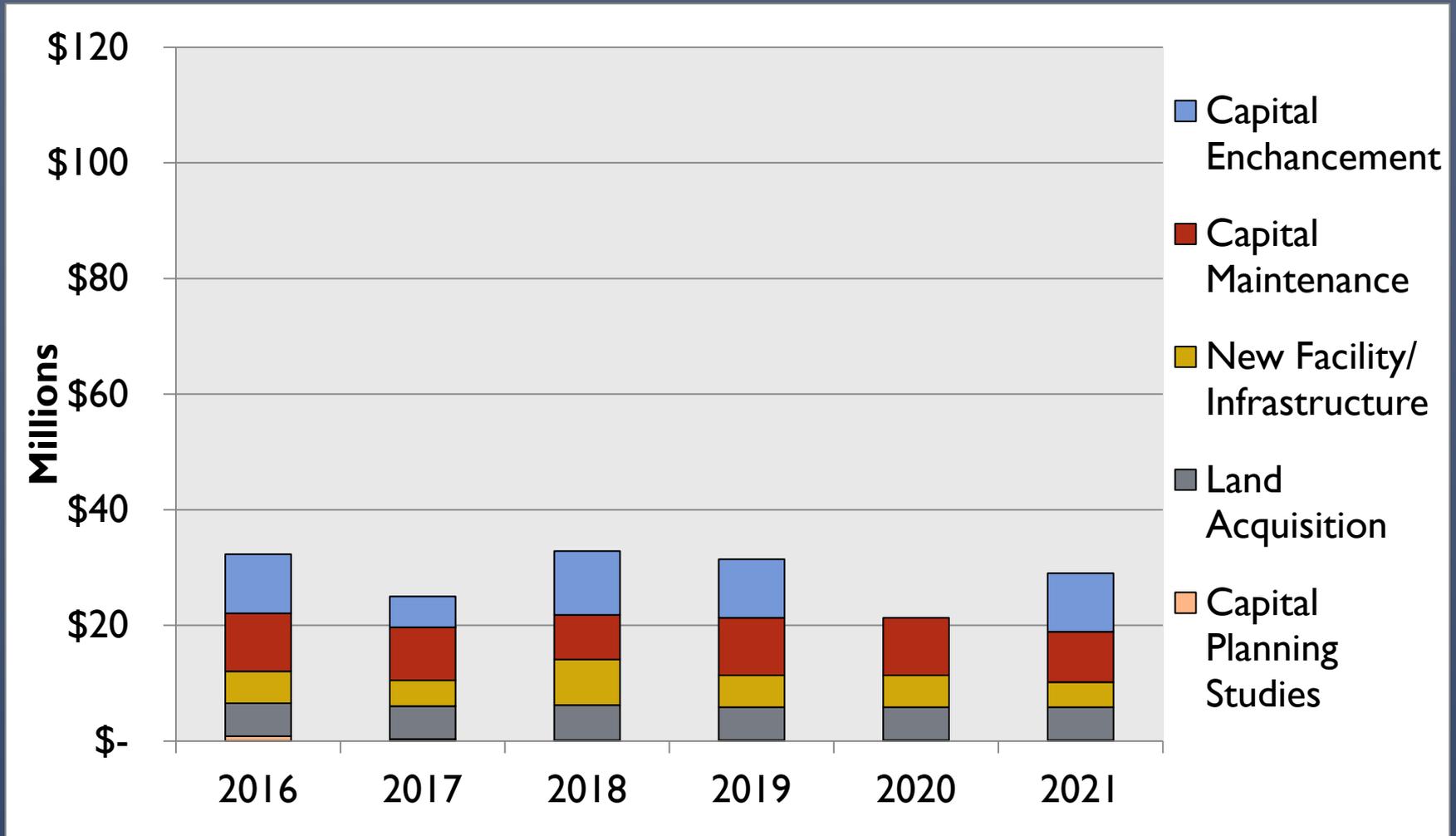
# CIP Funding

## 2016-2021 CIP Funding by Project Category



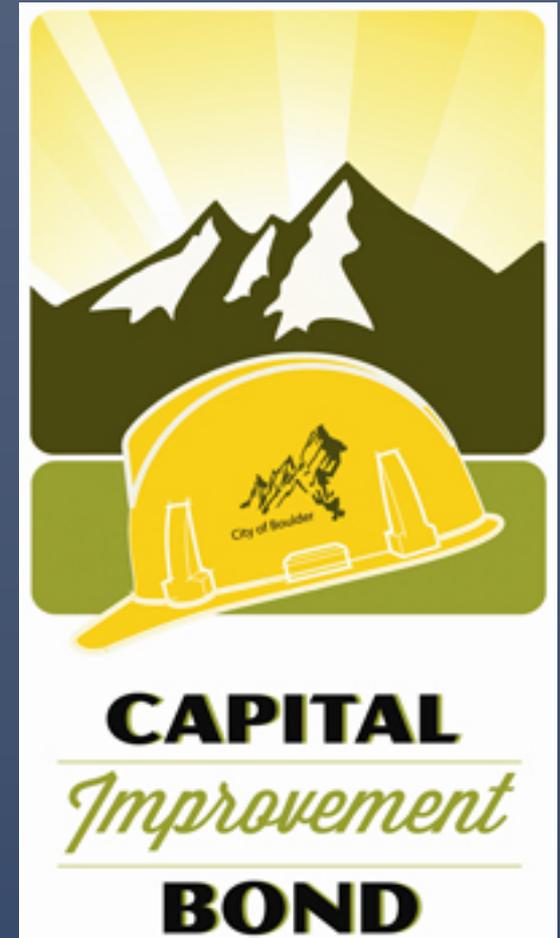
# CIP Funding

## 2016-2021 CIP Funding by Project Category without Utilities



# Capital Improvement Bond

- ▶ 85 Projects
  - ▶ 14% are under construction
  - ▶ 86% complete
- ▶ Over \$50Million
  - ▶ 98% of total funding has been spent as of June 30, 2015

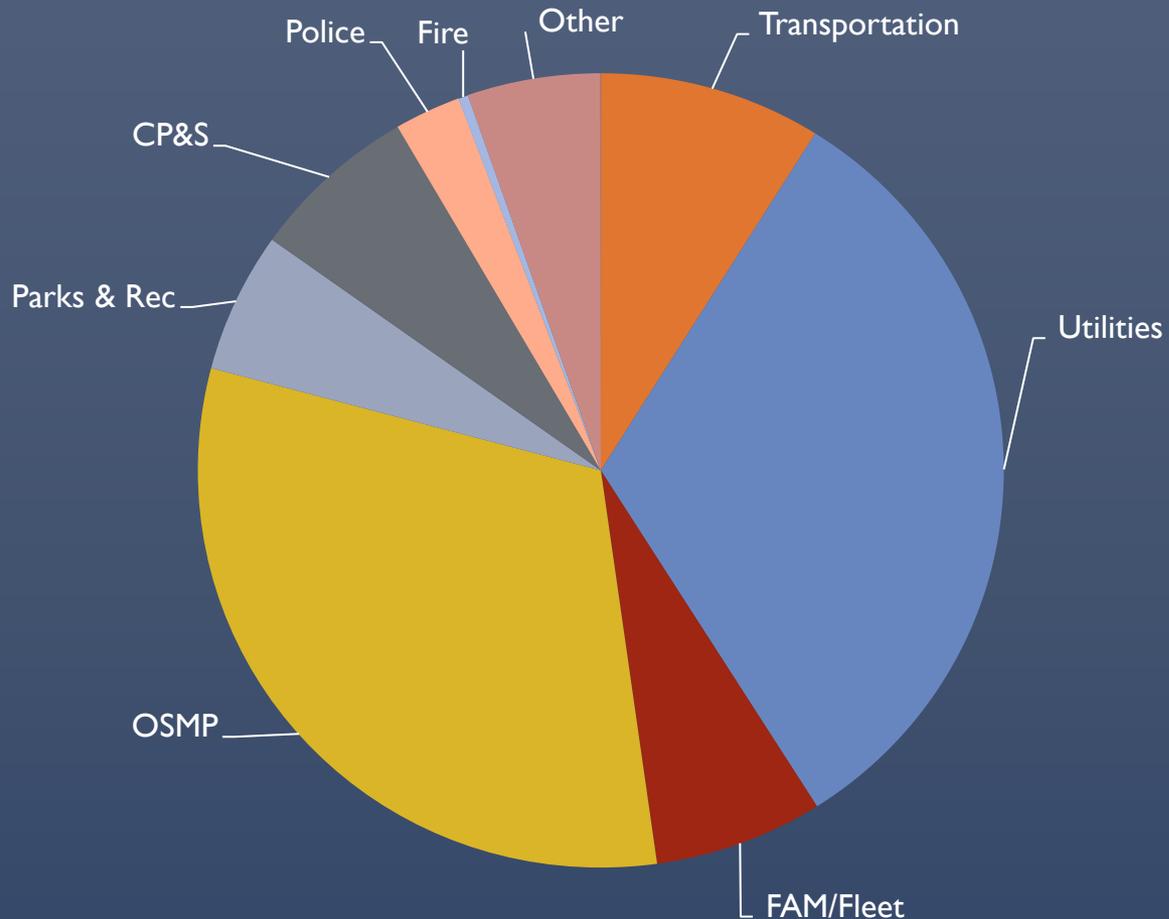


# Community, Culture and Safety Tax



# Flood Impacts

**Total Flood Damage and Response Costs by Department**



**Estimated Damages: \$28 million**

# OSMP Flood Recovery

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- ▶ The restoration of our community's trail system and our natural areas has been a priority since the 2013 floods subsided.
- ▶ Flood recovery was identified as the highest priority work task in the 2015 and 2016 OSMP work plans.
- ▶ Restoration of flood effects are needed in sensitive wetland and wildlife habitat that require extensive design, permitting and FEMA coordination.
- ▶ During restoration, more sustainable trail and habitat designs will be explored and implemented where possible.
- ▶ Volunteers continue to play an important role. More than 1,000 volunteers have participated in at least 76 repair projects.



# Project Specifics

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- ▶ Since the 2013 floods, OSMP has completed:
  - ▶ More than 110 rebuilding projects – FEMA and non-FEMA.
  - ▶ Projects completed in 2015 include the rebuilding of the Gregory Canyon access and the Sanitas Valley Trail.
- ▶ OSMP has about 60 flood-recovery projects (FEMA, non-FEMA) on the drawing board.
- ▶
- ▶ In 2015 and 2016, OSMP will design, start or complete more than 15 large rebuilding projects.
- ▶ Those projects include rebuilding Chapman Drive, repairs to the South Mesa and the Shanahan Trails and numerous other repair projects.
- ▶ Flood recovery is expected to continue through 2017.



# Sanitas Valley Trail Repair

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Post-Flood



Repaired



# Access to Gregory Canyon Trailhead

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Post-Flood



Repaired



# Examples of 2016 Projects

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Shanahan Trails



Chapman Drive



# OSMP Priorities - 2016-21 CIP

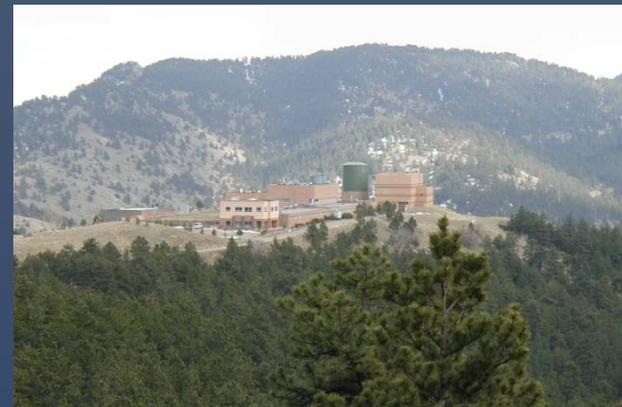
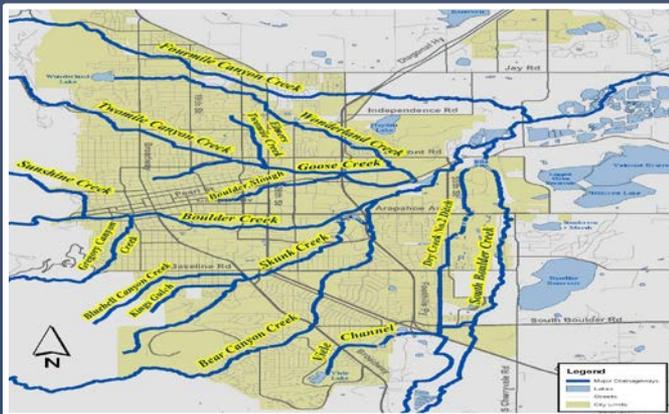
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- ▶ All flood related recovery work to be completed by December 2017
- ▶ Estimated costs of 2016 flood recovery projects = \$2.2M of the total 2016 CIP = \$11,900,930 (CIP total includes \$5.7M for acquisitions and \$2M for SBC in-stream flow)
- ▶ OSMP plans to spend over \$7 million on flood recovery and estimates FEMA reimbursement of over \$5.5 million
- ▶ Several other major OSMP work items continue such as North TSA Plan, WTSA Implementation, Agricultural Resources Management Plan, partnering with county on regional trails and core services.
- ▶ Flood recovery will continue as the top departmental priority through 2016, and potentially into 2017.



# Utilities

## Water, Wastewater, Stormwater & Flood Management

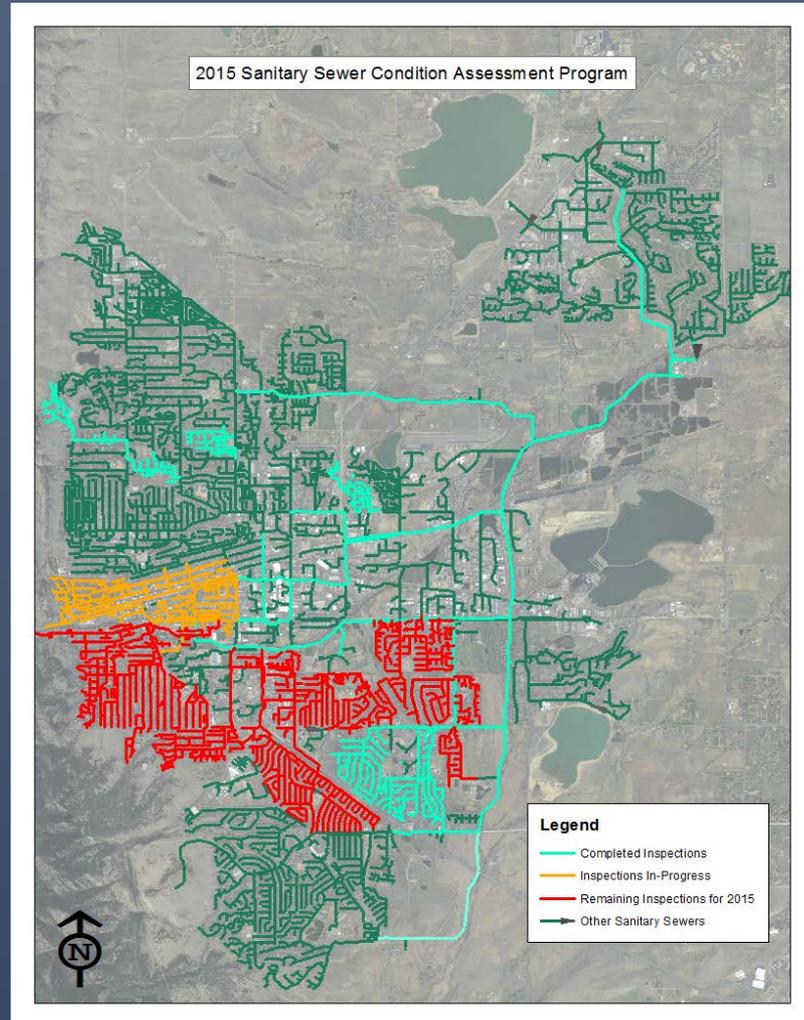


# Stormwater/Flood Fund CIP

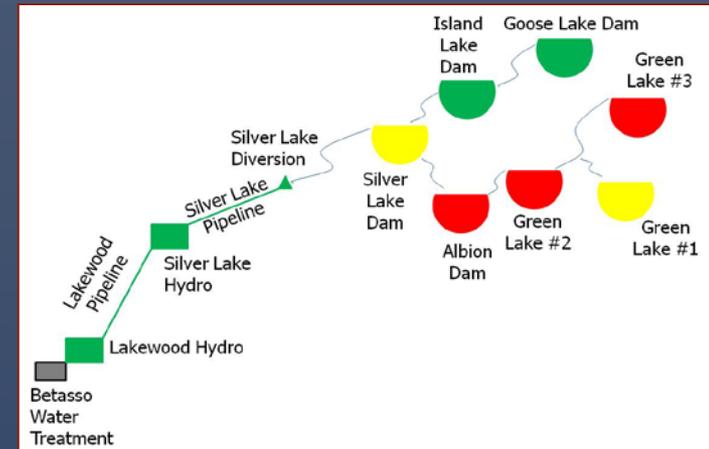
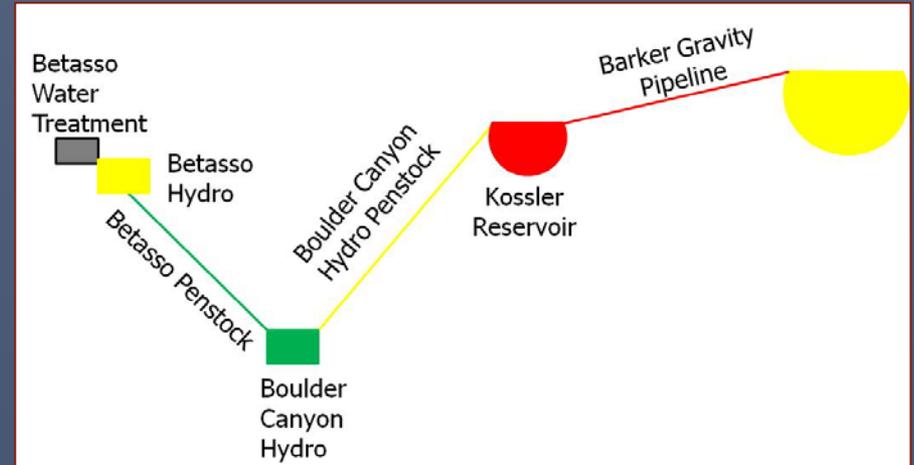


South Boulder Creek Flood Mitigation

# Wastewater CIP Priorities



# Water CIP Priorities



# Water CIP Priorities - Dams



# Water CIP Priorities - Pipelines



# Water CIP Priorities - Treatment



Betasso Water Treatment Facility

# Water CIP Priorities



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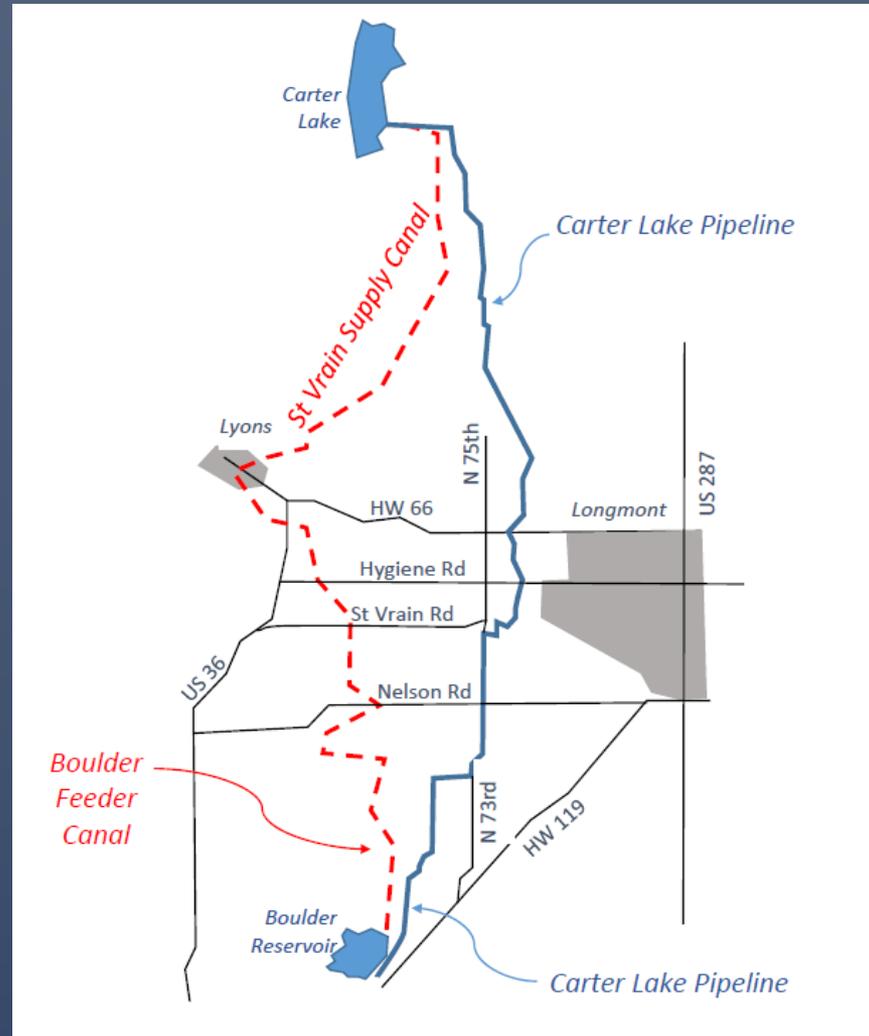


# Water CIP Priorities



Boulder Feeder Canal - 2015

# Water CIP Priorities



# Estimated Single-Family Customer Impact

	Monthly Bill 2015 Rates	Monthly Bill 2016 Rates	Monthly Difference
Water	\$36.59	\$39.48	\$2.89
Wastewater	\$30.23	\$31.78	\$1.55
Stormwater/ Flood Mgmt	\$13.46	\$14.00	\$0.54
<b>Total</b>	<b>\$80.28</b>	<b>\$85.26</b>	<b>\$4.98</b>

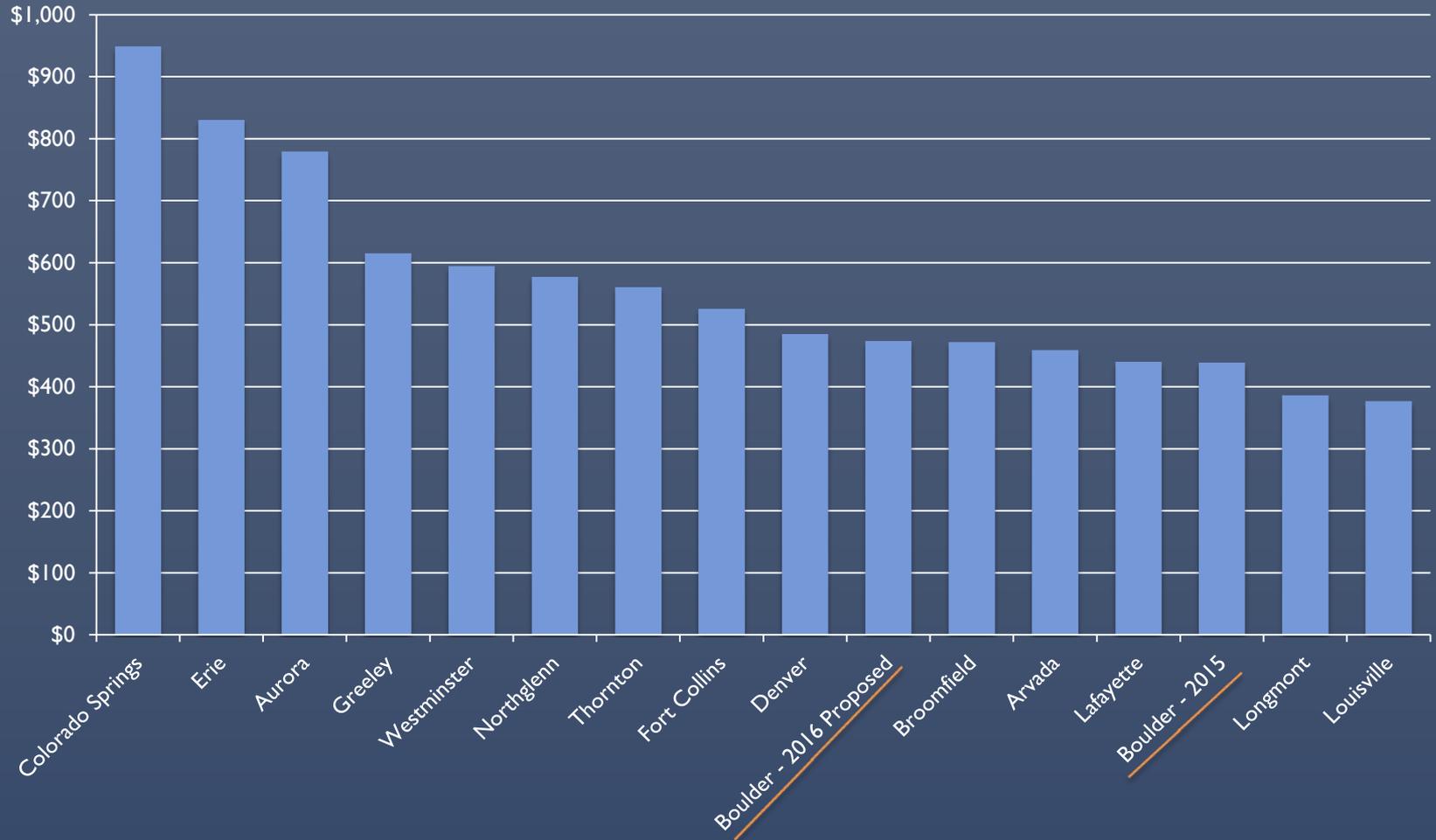


With the proposed 8% rate increase, the charge for 1 gallon of treated water will increase from about \$0.0034 to about \$0.0037

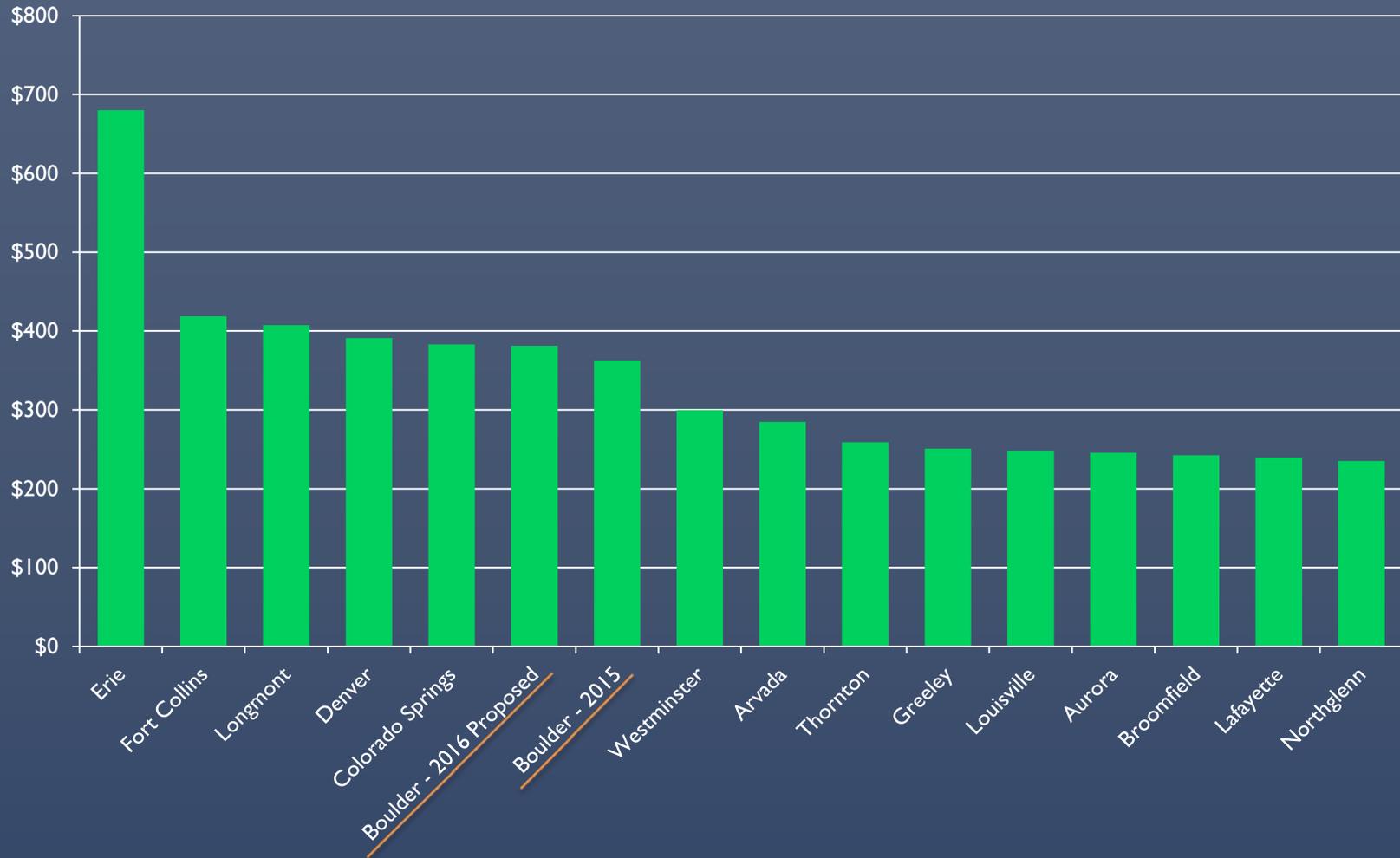
# Estimated Customer Impacts

Customer	Combined Monthly Bill 2015 Rates	Combined Monthly Bill 2016 Rates	Monthly Bill Increase	Percent Change
Single-Family Residential	\$80	\$85	\$5	6%
Hotel	\$3,452	\$3,657	\$205	6%
Grocery Store	\$8,006	\$8,502	\$497	6%
Large Format Retailer	\$3,066	\$3,224	\$158	5%
Pearl Street Retail	\$120	\$127	\$7	6%
Industrial/Institutional	\$6,677	\$7,063	\$387	6%
Downtown Restaurant	\$333	\$353	\$20	6%
Downtown Restaurant/Brewery	\$763	\$809	\$45	6%

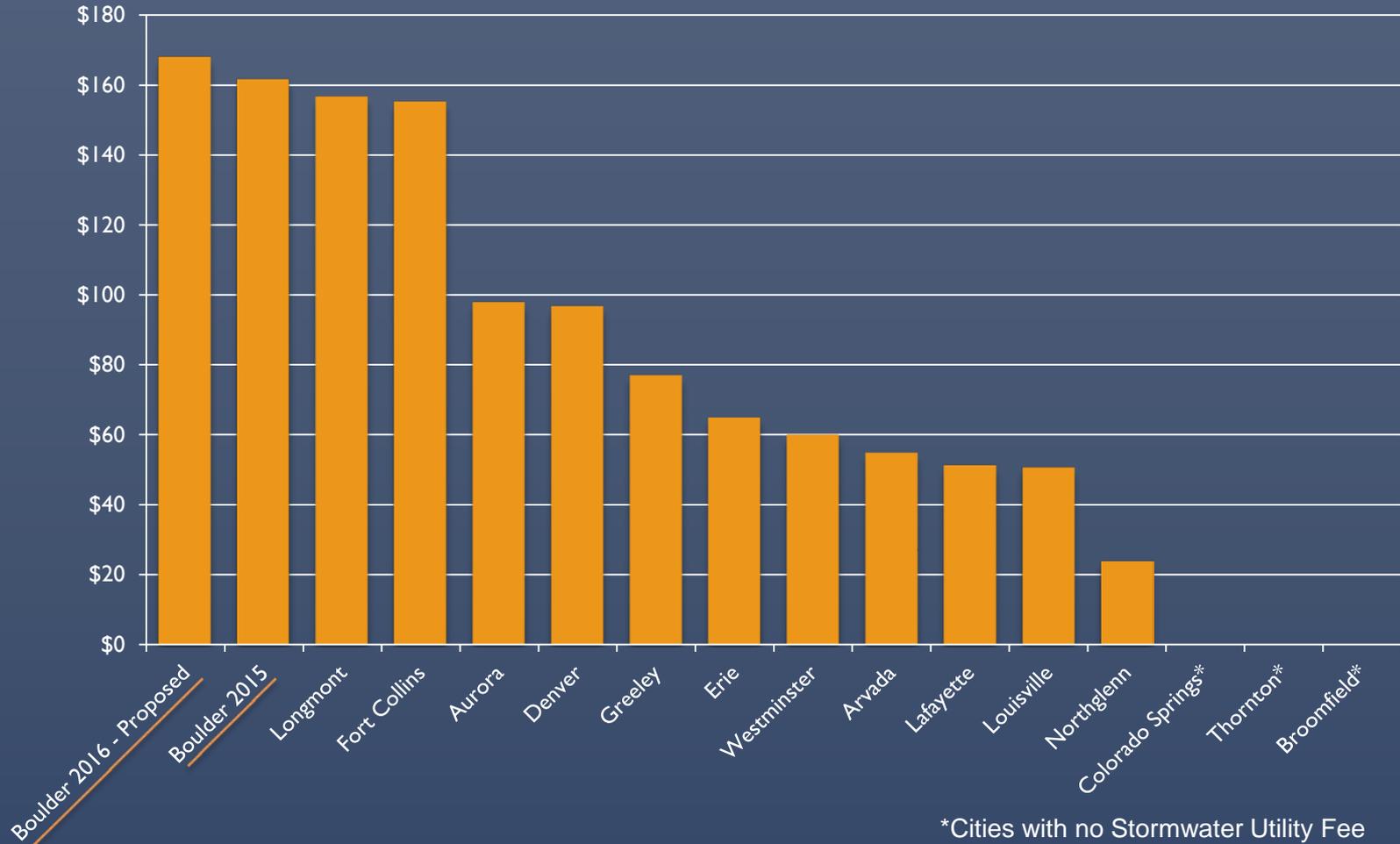
# Water Utility Annual Bill Comparison



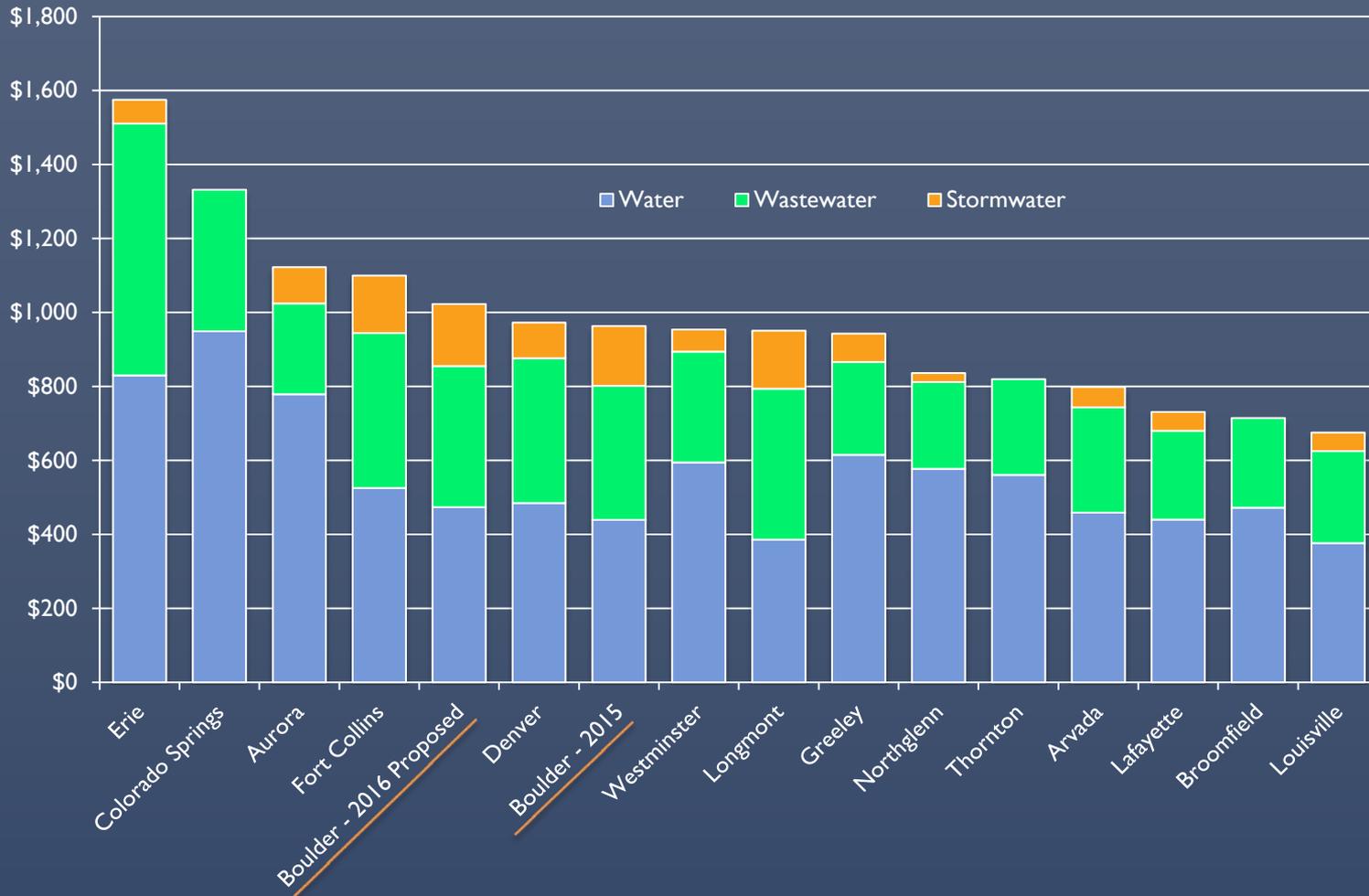
# Wastewater Utility Annual Bill Comparison



# Stormwater Utility Annual Bill Comparison



# Combined 2015 Utility Bills



# Projected Rate Increases

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	2015	2016	2017	2018
Water	5%	8%	8%	8%
Wastewater	30%	5%	5%	5%
Stormwater/ Flood Management	75%	4%	8%	8%

# Board Recommendations

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- ▶ All Boards Recommend Draft 2016-2021 CIP
- ▶ The Planning Board is recommending the Draft 2016-2021 CIP with two amendments:
  - ▶ That the 19<sup>th</sup> Street–Sumac to Norwood Complete Streets Project be extended to Yarmouth
  - ▶ That staff consider options to include a trail along the Carter Lake Pipeline.

# Next Steps

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- ▶ September 8 - Overall Budget Study Session
- ▶ September 17 - Budget Study Session (if needed)
- ▶ October Budget Hearings
  - ▶ Oct. 6 first reading
  - ▶ Oct. 20 second reading
- ▶ Council Adopts 2016 Budget, including CIP

# Questions

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- ▶ Does council have any questions or feedback on the 2016-2021 Draft CIP?