

City of Greeley Stormwater Board Meeting August 4, 2021

REMOTE TEAMS MEETING:

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Phone Conference ID: 658 050 105#



Stormwater Board Agenda

- Call to Order
- Roll Call
- Approval of Minutes
- Introduce Paul Trombino, Public Works Director
- Revenue & Expenditure Update
- July 1, 2021 Flooding
- 12th Street Outfall
- Other Projects
- Adjournment

Revenue to Date

Fund	Sum of Budget	Sum of YTD Receipts	Sum of Balance
Stormwater	2,942,852	1,793,752	1,149,100
Stormwater Construction	1,682,139	1,069,156	612,983
Stormwater Replacement	1,987,216	1,153,600	833,616
Grand Total	6,612,207	4,016,508	2,595,699

Expenses to Date

Fund	Sum of Budget	Sum of YTD Expenses	Sum of Balance	% of Budget Spent to Date
Stormwater	2,840,820	685,683	2,155,137	10.06%
Stormwater Construction	2,307,252	723,809	1,583,443	31.37%
Stormwater Replacement	2,872,361	869,782	2,002,579	30.28%
Grand Total	8,020,433	2,279,274	5,741,159	28.42%



•Carry over funds from 2020 posted but not all expensed.

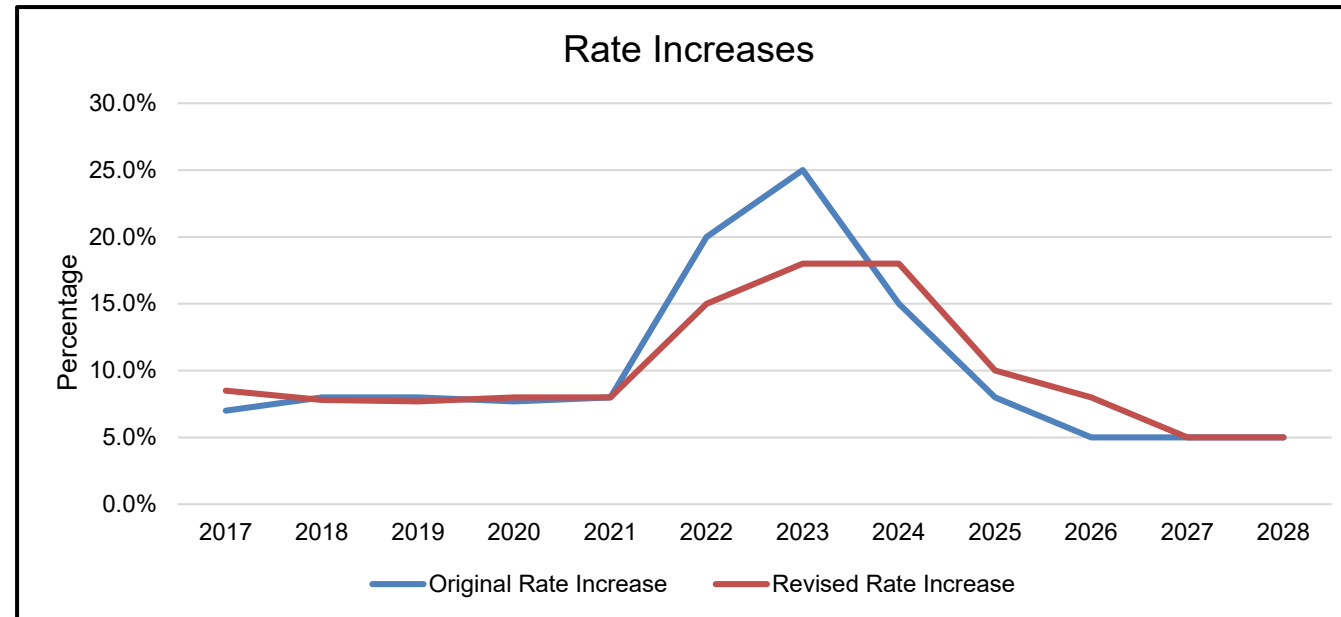
Stormwater

Funds: 432, & 433



Stormwater Rates

- 12th Street Outfall Project
 - Proposing two bonds to complete project: 2022 - \$17 Million and 2025 - \$21 Million
 - Rate increases in the following years:
 - 2022 – 15% - Rate increase is approximately \$1.54 increase per month
 - 2023 – 18%
 - 2024 – 18%
 - 2025 – 10%
 - 2026 – 8%



Fund 432 – Stormwater Construction

2022 Project List	2021
12th Street Storm Trunk Line - Phase 1A - Construction	\$ 4,539,157
12th Street & 2nd Avenue: 11th to 12th Street – Phase 1B - Construction	11,606,272
Asset Management Projects	515,000
Operating Transfer to General Fund	246,992
Investment Charges	2,273
Total 2022 Projects:	\$ 16,909,694



Fund 432 – 12th Street Outfall Overview

The 12th Street Storm Outfall is the highest priority capital project recommended from the North Greeley Downtown Basin Drainage Master Plan (2017). The trunk line extends over 18 blocks through the basin protecting downtown and surrounding commercial properties.

- Total project estimated at \$65 million
- Project would be complete in 15 years
- Project reduces flood damages on 818 structures and removes 225 structures from inundation
- Project has a Benefit Cost Ratio of ~ 3.5

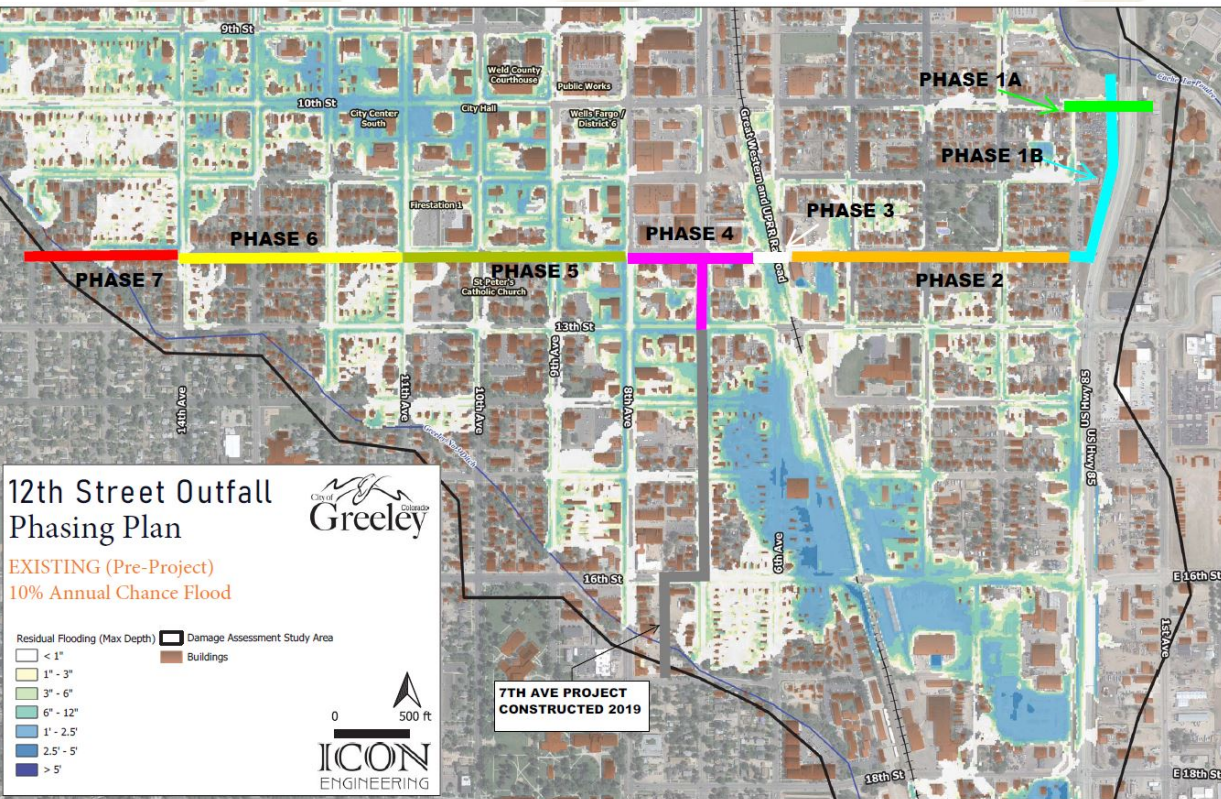


12th Street Outfall
Prelim vs CDOT ROW Alignment

 07.95 150 225 300 Feet
 1 inch = 200 feet

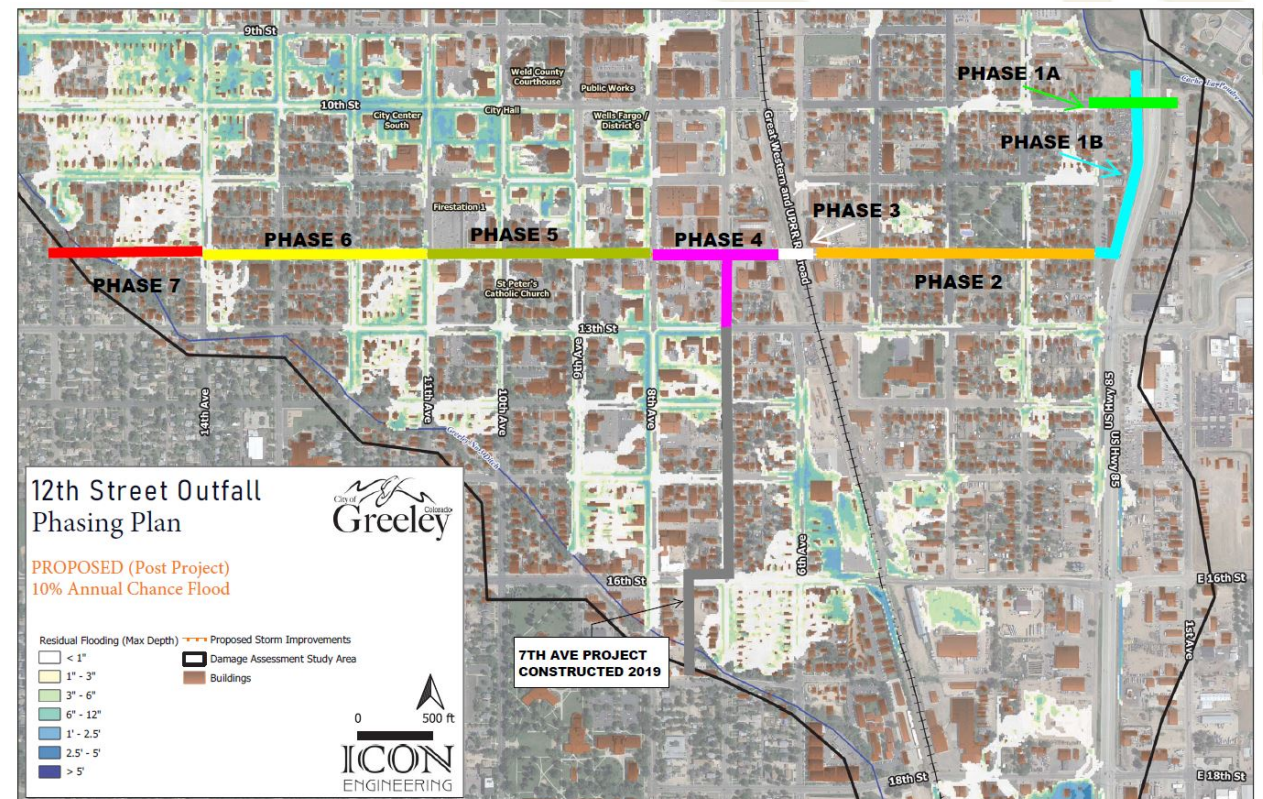


Fund 432 - 12th Street Outfall



Pre-Project Residual Flooding

Phase 1 has been broken into Phase 1A (replacement and lowering of sanitary sewer interceptors) and Phase 1B (design and construction of a water quality pond, outfall and 1350 feet storm trunk line)



Post-Project Residual Flooding



Asset Management Projects



Budget: \$515,000



2022-2026 Fund 432 – Stormwater Construction Project Schedule

Project	Title	2022	2023	2024	2025	2026	2022 - 2026
A340	Investment Charges	2,273	2,352	2,425	2,600	2,600	12,250
A342	Operating Transfer to General Fund	256,871	267,146	277,832	288,945	300,503	1,391,297
11233	12th Street Storm Trunk Line - Phase 1A	4,539,157	-	-	-	-	4,539,157
11121	12th Street Storm Trunk Line - Phase 1B	11,606,272	-	-	-	-	11,606,272
11122	Master Planning Program Updates	-	238,811	-	253,354	-	492,165
11120	A.M.P. - Asset Management Projects	515,000	530,450	546,364	561,754	579,637	2,733,205
N503	12th Street Storm Trunk Line - Phase 2	-	1,124,942	-	11,677,463	-	12,802,405
N504	12th Street Storm Trunk Line - Phase 3	-	448,907	-	4,659,877	-	5,108,784
N613	12th Street Storm Trunk Line - Phase 4	-	-	-	750,236	7,560,991	8,311,227
Total Expenditures		\$16,919,573	\$2,612,608	\$826,621	\$18,194,229	\$8,443,731	\$46,996,762

Master Plans – Sand Creek 2023, Coal Bank Creek 2025
 Asset Management Projects- Greeley West Pond sediment removal/water quality



Fund 433 – Stormwater Replacement

2022 Project List	2022
Detention Pond Maintenance Program	\$ 57,974
Other Drainage System Repairs (System Mains, Inlets and Culverts)	1,430,352
Repairs to No. 3 Ditch	57,974
Stormwater Equipment Replacement	172,096
Stormwater Asset Management Program – CCTV Team	139,113
Utility Billing Software	600,000
Poudre River Bridge Cleanup	200,000
Investment Charges	1,300
Total 2022 Projects:	\$ 2,658,809

Fund 413 – Capital Replacement Vehicle Replacement Schedule

- Total Equipment 11 Vehicles
 - 3 Sweepers, 1 Vacuum Truck, 2 Backhoes, 1 Dump Truck, 3 Pickups, 1 Van
 - Total Value: \$2,856,611
 - Vehicles to be replaced:
 - 2022 – No replacement
 - 2023 – 2019 Broom Bear Sweeper



Summary of Fund 433 Budget Changes:

- Following programs were combined into SMIC Other Drainage System Repairs (System Mains, Inlets, and Culverts)
 - Annual Neighborhood Improvements
 - KGM Storm Drainage System Repairs
 - Metal Pipe Replacement Program
 - Downtown Improvements
- Annual programs increased by 3% inflation



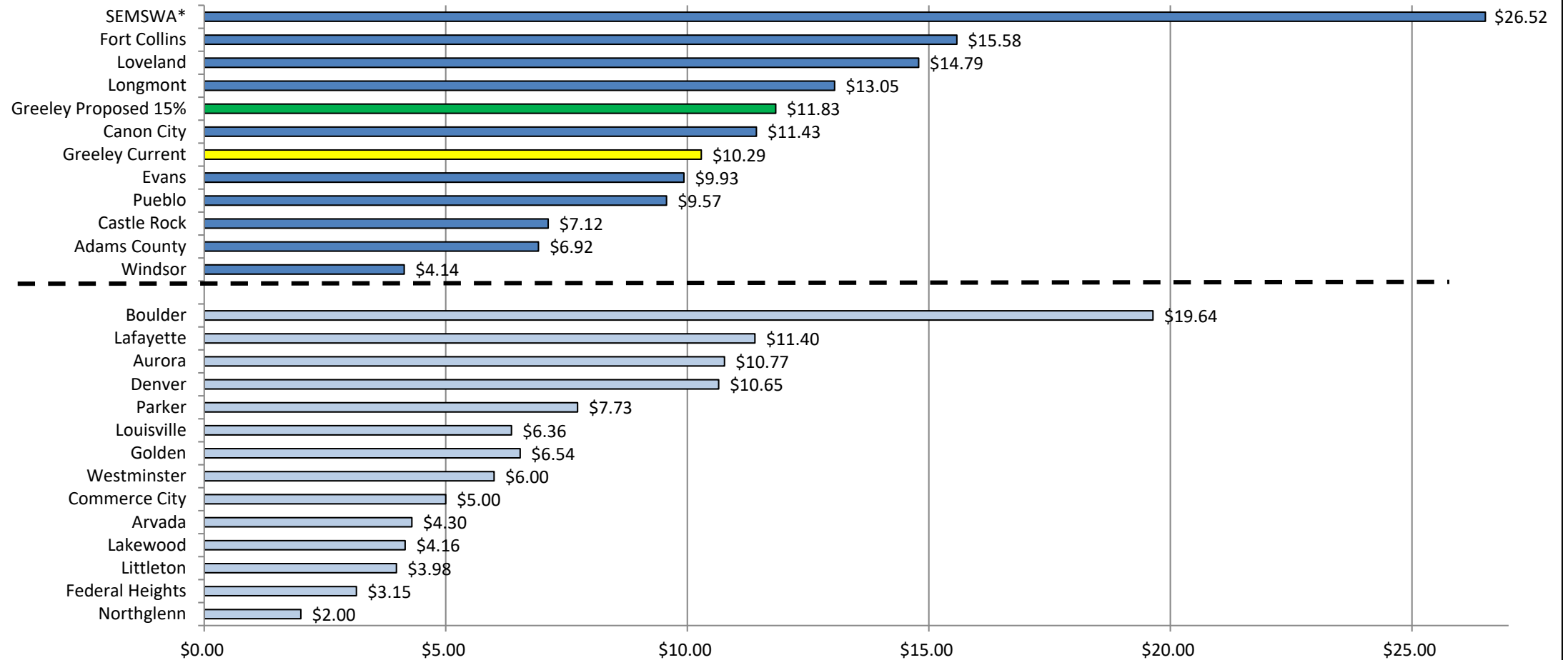
2022-2026 Fund 433 Project Schedule

Project	Title	2022	2023	2024	2025	2026	2022 - 2026
A355	Investment Charges	1,300	1,300	1,300	1,300	1,300	6,500
11126	SMIC Other Drainage System Repairs (System Mains, Inlets, and Culverts)	1,430,352	1,473,262	1,517,460	1,562,984	1,609,873	7,593,931
11125	Repairs to No. 3 Ditch	57,974	59,713	61,504	63,349	65,250	307,790
11128	Stormwater Equipment Replacement	172,096	270,544	278,660	287,020	165,482	1,173,802
11130	Stormwater Asset Management Program	139,113	143,286	152,011	161,269	171,091	766,770
11238	Utility Billing Software	600,000	-	-	-	-	600,000
11127	Detention Pond Maintenance Program	57,974	59,713	61,504	63,349	65,250	307,790
A689	Poudre River Bridge Cleanup	200,000	-	-	-	-	200,000
Total Expenditures		\$2,658,809	\$2,007,818	\$2,072,439	\$2,139,271	\$2,078,246	\$10,956,583



Residential Survey

AVERAGE MONTHLY STORMWATER FEE CHARGED TO SINGLE FAMILY RESIDENCES IN GREELEY, COLORADO



*SEMSWA (South East Metro Storm Water Authority) includes Centennial, Arapahoe County, Arapahoe Water & Water Water Authority, East Cherry Creek, Inverness



Questions?

