

Draft 2019-2028 Capital Improvement Program

June 6, 2018



FINANCE DEPARTMENT

500 E 3rd Street • Loveland, CO 80537

(970) 962-2000 • TDD (970) 962-2620

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2019-2028 Traditionally Funded (General Fund Agencies) Capital Program
By Year

06/08/18

- Red FontAnnual Project without changes
- Bolded Red FonAnnual Project with changes
- Green FontNew Project Submitted for 2019-2028 CIP Planning Process
- Blue FontProject included in 2018-2027 CIP with changes
- Black FontProject included in 2018-2027 CIP without changes

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2019 Revenue Sources	General Fund			Transportation Fund (211)	Parks CEF (260)	Recreation CEF (261)	Trails CEF (262)	Open Space CEF (263)	Fire CEF (264)	Police CEF (265)	Library CEF (266)	Cultural Services CEF (267)	Gen. Govt. CEF (268)	Streets CEF (269)	Conservation Trust Fund (201)	Park Improvement Fund (200)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total	
	TABOR Excess	Council Special Projects Fund	General Fund Transfer																			
Beginning Fund Balance	1,179,026	-	4,765,000		1,424,371	9,393,795	735,647	732,003	2,564,928	214,456	1,892,254	1,152,355	2,270,368	3,811,972	3,053,582	950,586	5,720,708				39,861,051	
Less Operating Expenditures (not available for Capital Projects)															(342,607)		(1,339,137)				(1,681,744)	
Current Year - New Revenues		2,500,000			1,808,100	805,500	270,000	453,000	532,350	549,450	370,200	308,700	708,736	2,985,793	1,385,766	65,647	3,058,779	3,247,232	4,000	-	19,053,253	
Interest on Beginning Fund Balance Less Operating Expenditures																					-	
Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)				2,641,265																	2,641,265	
Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)				2,974,955																	2,974,955	
Internal Loan Repayment					28,968	28,968		28,968			28,968	28,968	28,968	23,175							196,983	
Total Resources	\$ 1,179,026	\$ 2,500,000	\$ 4,765,000	\$ 5,616,220	\$ 3,261,439	\$ 10,228,263	\$ 1,005,647	\$ 1,213,971	\$ 3,097,278	\$ 763,906	\$ 2,291,422	\$ 1,490,023	\$ 3,008,072	\$ 6,820,940	\$ 4,096,741	\$ 1,016,233	\$ 7,440,350	\$ 3,247,232	\$ 4,000	\$ -	\$ 63,045,763	
2019 Projects																						
FAC - Annual Facilities Major Maintenance			700,000																		700,000	
FAC - Fuel Island Replacement			25,000																2,265,000		25,000	
FAC - North Transit Center (NTC)																					2,265,000	
P&R - ADA Facility Updates			303,000																		303,000	
P&R - Neighborhood Park					172,200																172,200	
P&R - North Lake Miniature Train																40,000					40,000	
P&R - Open Lands Acquisitions & Development								345,000									1,200,000				1,545,000	
P&R - Park Renovation Projects																101,000					101,000	
P&R - Recreation Fitness Court						65,000												30,000	4,000		99,000	
P&R - Recreation Trails								619,746							3,610,751						4,230,497	
P&R - Redevelopment of Garfield Park (JA Park)																494,900					494,900	
TRANS - 29th & Madison Intersection Improvements			50,000																		50,000	
TRANS - 37th & Monroe Intersection Improvements																					808,000	
TRANS - 37th Street Improvements - US287 to Lincoln																					1,727,100	
TRANS - Annual - Small Capital Projects																					101,000	
TRANS - Annual Bike Route Signing & Striping			10,000																		10,000	
TRANS - Annual Bike, PED and ADA Ramps			100,000																		20,000	
TRANS - Annual Bridge Maintenance			171,753																		154,500	
TRANS - Annual Extended Projects			50,500																		50,500	
TRANS - Annual ITS & Communications Program			124,527																		124,527	
TRANS - Annual Right-of-Way (ROW) Acquisitions																					200,000	
TRANS - CDOT I-25 Widening Grant Match			1,000,000																		1,000,000	
TRANS - CDOT Projects - I-25 Companion Projects			2,000,000																		2,000,000	
TRANS - Developer Reimbursements			26,000																		649,299	
TRANS - Mill Levy Pass-Through to Larimer County			200,000																		200,000	
TRANS - Rehab - Street Rehabilitation Program	1,179,026		413,934	5,616,220																	7,209,180	
TRANS - Traffic Optimization (Phase II)			77,154																		771,540	
TRANS - US34 EB & WB Widening - Denver to Boyd Lake		500,000	1,511,799																		335,000	
Total 2019 Project Costs	\$ 1,179,026	\$ 2,500,000	\$ 4,763,667	\$ 5,616,220	\$ 172,200	\$ 65,000	\$ 619,746	\$ 345,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,614,102	\$ 3,610,751	\$ 635,900	\$ 1,200,000	\$ 3,247,232	\$ 4,000	\$ -	\$ 29,572,844
2019 Ending Balance	\$ -	\$ -	\$ 1,333	\$ -	\$ 3,089,239	\$ 10,163,263	\$ 385,901	\$ 868,971	\$ 3,097,278	\$ 763,906	\$ 2,291,422	\$ 1,490,023	\$ 3,008,072	\$ 1,206,838	\$ 485,990	\$ 380,333	\$ 6,240,350	\$ -	\$ -	\$ -	\$ 33,472,919	

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Blue Font Project included in 2018-2027 CIP with changes
Black Font Project included in 2018-2027 CIP without changes

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2020 Revenue Sources	General Fund			Transportation Fund (211)	Parks CEF (260)	Recreation CEF (261)	Trails CEF (262)	Open Space CEF (263)	Fire CEF (264)	Police CEF (265)	Library CEF (266)	Cultural Services CEF (267)	Gen. Govt. CEF (268)	Streets CEF (269)	Conservation Trust Fund (201)	Park Improvement Fund (200)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total	
	TABOR Excess	Council Special Projects Fund	GF																			
Beginning Fund Balance	-	-	4,000,000	-											485,990	380,333	6,240,350		-	-	11,106,673	
Less Operating Expenditures (not available for Capital Projects)															(351,039)		(1,427,529)				(1,778,568)	
Current Year - New Revenues		1,000,000			2,047,675	912,225	305,775	513,025	538,950	538,575	419,250	349,600	640,575	2,818,530	773,235	62,391	2,686,726	400,000	1,000,000	-	15,006,532	
Interest on Beginning Fund Balance Less Operating Expenditures																					-	
Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)				2,671,749																	2,671,749	
Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)				3,064,203																	3,064,203	
Internal Loan Repayment					28,968	28,968		28,968				28,968	28,968	23,175							196,983	
Total Resources	\$ -	\$ 1,000,000	\$ 4,000,000	\$ 5,735,952	\$ 2,076,643	\$ 941,193	\$ 305,775	\$ 541,993	\$ 538,950	\$ 538,575	\$ 448,218	\$ 378,568	\$ 669,543	\$ 2,841,705	\$ 908,186	\$ 442,724	\$ 7,499,547	\$ 400,000	\$ 1,000,000	\$ -	\$ 30,267,572	
2020 Projects																						
FAC - Annual Facilities Major Maintenance			700,000																		700,000	
FAC - Fuel Island Replacement			1,262,500																		1,262,500	
FAC - Police Vehicle Storage & Parking Expansion			419,000																		419,000	
FAC - Pulliam Building (Phase II)		1,000,000																	1,000,000		2,000,000	
P&R - ADA Facility Updates			303,000																		303,000	
P&R - Neighborhood Park					1,537,220																1,537,220	
P&R - Open Lands Acquisitions & Development																	3,025,000				3,025,000	
P&R - Park Renovation Projects																101,000					101,000	
P&R - Recreation Trails							712,050														712,050	
TRANS - 29th & Madison Intersection Improvements			454,500																		454,500	
TRANS - Annual - Small Capital Projects																					101,000	
TRANS - Annual Bike Route Signing & Striping			10,000																		10,000	
TRANS - Annual Bike, PED and ADA Ramps			100,000																		159,135	
TRANS - Annual Bridge Maintenance			179,948																		179,948	
TRANS - Annual Extended Projects			50,500																		50,500	
TRANS - Annual ITS & Communications Program			133,244																		133,244	
TRANS - Annual Right-of-Way (ROW) Acquisitions																					200,000	
TRANS - Cleveland Ave Traffic Calming			170,000																		170,000	
TRANS - Developer Reimbursements			16,000																		374,000	
TRANS - Mill Levy Pass-Through to Larimer County			200,000																		200,000	
TRANS - Rehab - Street Rehabilitation Program			1,634,381	5,735,953																	7,370,334	
TRANS - US34 EB & WB Widening - Denver to Boyd Lake			42,647																400,000		483,200	
Total 2020 Project Costs	\$ -	\$ 1,000,000	\$ 5,675,720	\$ 5,735,953	\$ 1,537,220	\$ -	\$ 712,050	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 868,688	\$ -	\$ 101,000	\$ 3,025,000	\$ 400,000	\$ 1,000,000	\$ -	\$ 20,055,631
2020 Ending Balance	\$ -	\$ -	\$ (1,675,720)	\$ (1)	\$ 539,423	\$ 941,193	\$ (406,275)	\$ 541,993	\$ 538,950	\$ 538,575	\$ 448,218	\$ 378,568	\$ 669,543	\$ 1,973,017	\$ 908,186	\$ 341,724	\$ 4,474,547	\$ -	\$ -	\$ -	\$ 10,211,941	

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2021 Revenue Sources				General Fund	Transportation	Parks CEF (260)	Recreation CEF (261)	Trails CEF (262)	Open Space CEF (263)	Fire CEF (264)	Police CEF (265)	Library CEF (266)	Cultural Services CEF (267)	Gen. Govt. CEF (268)	Streets CEF (269)	Conservation Trust Fund (201)	Park Improvement Fund (200)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total
				TABOR Excess Council Special Projects Fund GF	Fund (211)																	
A	Beginning Fund Balance	-	-	2,500,000	(1)											908,186	341,724	4,474,547		-	-	8,224,456
B	Less Operating Expenditures (not available for Capital Projects)															(363,325)		(1,480,497)				(1,843,822)
C	Current Year - New Revenues		1,000,000			1,242,780	553,620	185,580	311,380	336,350	338,980	254,440	212,160	385,260	1,695,144	795,243	64,070	2,712,219	-	1,000,000	-	11,087,226
D	Interest on Beginning Fund Balance Less Operating Expenditures																					-
E	Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)				2,702,234																	2,702,234
F	Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)				3,156,129																	3,156,129
G	Internal Loan Repayment					28,968	28,968		28,968			28,968	28,968	28,968	23,175							196,983
Total Resources				\$ - \$ 1,000,000 \$ 2,500,000	\$ 5,858,362	\$ 1,271,748	\$ 582,588	\$ 185,580	\$ 340,348	\$ 336,350	\$ 338,980	\$ 283,408	\$ 241,128	\$ 414,228	\$ 1,718,319	\$ 1,340,104	\$ 405,794	\$ 5,706,269	\$ -	\$ 1,000,000	\$ -	\$ 23,523,206
2021 Projects																						
1	FAC - Annual Facilities Major Maintenance			713,060																		713,060
2	FAC - Fleet Garage Expansion											300,000										300,000
3	FAC - Municipal Building Renovation			252,000																		252,000
4	FAC - Pulliam Building (Phase II)		1,000,000																	1,000,000		2,000,000
5	P&R - ADA Facility Updates			303,000																		303,000
6	P&R - Fairgrounds Park (Phase II)					123,750																123,750
7	P&R - Open Lands Acquisitions & Development																	1,350,000				1,350,000
8	P&R - Park Renovation Projects																101,000					101,000
9	P&R - Recreation Trails															85,000						85,000
10	TRANS - Annual - Small Capital Projects																					101,000
11	TRANS - Annual Bike Route Signing & Striping			10,000																		10,000
12	TRANS - Annual Bike, PED and ADA Ramps			130,000																		163,909
13	TRANS - Annual Bridge Maintenance			188,380																		293,909
14	TRANS - Annual Extended Projects			50,500																		50,500
15	TRANS - Annual ITS & Communications Program			142,571																		142,571
16	TRANS - Annual Right-of-Way (ROW) Acquisitions																					200,000
17	TRANS - Developer Reimbursements			9,800																		259,000
18	TRANS - Mill Levy Pass-Through to Larimer County			200,000																		200,000
19	TRANS - Rehab - Street Rehabilitation Program			2,607,788	5,858,363																	8,466,151
20	TRANS - Taft Ave & Eisenhower Blvd. Intersection Improvements			500,000																		500,000
Total 2021 Project Costs				\$ - \$ 1,000,000 \$ 5,107,099	\$ 5,858,363	\$ 123,750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 724,109	\$ 85,000	\$ 101,000	\$ 1,350,000	\$ -	\$ 1,000,000	\$ -	\$ 15,649,321
2021 Ending Balance				\$ - \$ - \$ (2,607,099)	\$ (1)	\$ 1,147,998	\$ 582,588	\$ 185,580	\$ 340,348	\$ 336,350	\$ 338,980	\$ 283,408	\$ 241,128	\$ 114,228	\$ 994,210	\$ 1,255,104	\$ 304,794	\$ 4,356,269	\$ -	\$ -	\$ -	\$ 7,873,885

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2022 Revenue Sources				General Fund			Transportation	Parks CEF (260)		Recreation CEF (261)		Trails CEF (262)		Open Space CEF (263)		Fire CEF (264)		Police CEF (265)		Library CEF (266)		Cultural Services CEF (267)		Gen. Govt. CEF (268)		Streets CEF (269)		Conservation	Park	Larimer County	Grants	Outside Revenue	Enterprise	Total		
				TABOR Excess	Council Special Projects Fund	GF	Fund (211)																			Trust Fund (201)	Improvement Fund (200)	Open Space Fund (202)								
A	Beginning Fund Balance			-	-	3,000,000	(1)																			1,255,104	304,794	4,356,269		-	-	-	8,916,166	A		
B	Less Operating Expenditures (not available for Capital Projects)																									(376,041)		(1,544,145)					(1,920,186)	B		
C	Current Year - New Revenues				500,000			1,718,920		765,720		256,680		430,680		457,840		459,160		351,920		293,440		532,200		2,341,680		819,609	65,411	2,767,433	-	500,000	-	12,260,693	C	
D	Interest on Beginning Fund Balance Less Operating Expenditures																																	-	D	
E	Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)						2,732,718																											2,732,718	E	
F	Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)						3,250,813																											3,250,813	F	
G	Internal Loan Repayment							28,968		28,968				28,968						28,968		28,968		28,968		23,175								196,983	G	
Total Resources				\$ -	\$ 500,000	\$ 3,000,000	\$ 5,983,530	\$ 1,747,888	\$ 794,688	\$ 256,680	\$ 459,648	\$ 457,840	\$ 459,160	\$ 380,888	\$ 322,408	\$ 561,168	\$ 2,364,855	\$ 1,698,672	\$ 370,205	\$ 5,579,557	\$ -	\$ 500,000	\$ -	\$ 25,437,187												
2022 Projects																																				
1	FAC - Annual Facilities Major Maintenance					755,490																												755,490	1	
2	FAC - Fleet Garage Expansion																					4,040,000											4,040,000	2		
3	FAC - Pulliam Building (Phase II)				500,000																											500,000		1,000,000	3	
4	P&R - ADA Facility Updates					303,000																												303,000	4	
5	P&R - Fairgrounds Park (Phase II)							941,725																										941,725	5	
6	P&R - Open Lands Acquisitions & Development											2,000,000																						3,325,000	6	
7	P&R - Recreation Trails																									1,708,500		1,325,000						1,708,500	7	
8	TRANS - Annual - Small Capital Projects																																	101,000	8	
9	TRANS - Annual Bike Route Signing & Striping					17,500																												17,500	9	
10	TRANS - Annual Bike, PED and ADA Ramps					150,000																												168,826	10	
11	TRANS - Annual Bridge Maintenance					197,066																												197,066	11	
12	TRANS - Annual Extended Projects					202,000																												202,000	12	
13	TRANS - Annual ITS & Communications Program					152,550																												152,550	13	
14	TRANS - Annual Right-of-Way (ROW) Acquisitions																																	200,000	14	
15	TRANS - Developer Reimbursements																																	210,000	15	
16	TRANS - Rehab - Street Rehabilitation Program					2,480,088	5,983,532																											8,463,620	16	
17	TRANS - Taft Ave & Eisenhower Blvd. Intersection Improvements					1,247,000																												3,500,000	4,747,000	17
Total 2022 Project Costs				\$ -	\$ 500,000	\$ 5,504,694	\$ 5,983,532	\$ 941,725	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ 4,040,000	\$ 4,197,326	\$ 1,708,500	\$ -	\$ 1,325,000	\$ -	\$ 500,000	\$ -	\$ 26,700,777												
2022 Ending Balance				\$ -	\$ -	\$ (2,504,694)	\$ (2)	\$ 806,163	\$ 794,688	\$ 256,680	\$ (1,540,352)	\$ 457,840	\$ 459,160	\$ 380,888	\$ 322,408	\$ (3,478,832)	\$ (1,832,471)	\$ (9,828)	\$ 370,205	\$ 4,254,557	\$ -	\$ -	\$ -	\$ (1,263,590)												

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Annual Project without changes
- Bolded Red Font

Annual Project with changes
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- Blue Font

Project included in 2018-2027 CIP with changes
- Black Font

Project included in 2018-2027 CIP without changes

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2023 Revenue Sources	General Fund			Transportation Fund (211)	Parks CEF (260)	Recreation CEF (261)	Trails CEF (262)	Open Space CEF (263)	Fire CEF (264)	Police CEF (265)	Library CEF (266)	Cultural Services CEF (267)	Gen. Govt. CEF (268)	Streets CEF (269)	Conservation Trust Fund (201)	Park Improvement Fund (200)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total	
	TABOR Excess	Council Special Projects Fund	GF																			
Beginning Fund Balance	-	-	4,000,000	(2)											(9,828)	370,205	4,254,557		-	-	8,614,932	
Less Operating Expenditures (not available for Capital Projects)															(389,203)		(1,593,939)				(1,983,142)	
Current Year - New Revenues					1,984,710	884,130	296,370	497,270	576,790	593,100	406,340	338,820	725,130	3,190,572	823,365	67,607	2,823,585	-	-	-	13,207,789	
Interest on Beginning Fund Balance Less Operating Expenditures																					-	
Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)				2,763,203																	2,763,203	
Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)				3,348,338																	3,348,338	
Internal Loan Repayment					28,968	28,968		28,968			28,968	28,968	28,968	23,175							196,983	
Total Resources	\$ -	\$ -	\$ 4,000,000	\$ 6,111,539	\$ 2,013,678	\$ 913,098	\$ 296,370	\$ 526,238	\$ 576,790	\$ 593,100	\$ 435,308	\$ 367,788	\$ 754,098	\$ 3,213,747	\$ 424,334	\$ 437,812	\$ 5,484,203	\$ -	\$ -	\$ -	\$ 26,148,103	
2023 Projects																						
FAC - Annual Facilities Major Maintenance			922,490																		922,490	
P&R - ADA Facility Updates			202,000					500,000													202,000	
P&R - Open Lands Acquisitions & Development																	975,000				1,475,000	
P&R - Park Renovation Projects																					101,000	
P&R - Recreation Trails															559,096	101,000					559,096	
TRANS - 57th St. Rehab - Wilson Ave to Taft Ave																					300,000	
TRANS - Annual - Small Capital Projects																					101,000	
TRANS - Annual Bike Route Signing & Striping			17,500																		17,500	
TRANS - Annual Bike, PED and ADA Ramps			212,195																		386,086	
TRANS - Annual Bridge Maintenance			306,862																		306,862	
TRANS - Annual Extended Projects			202,000																		202,000	
TRANS - Annual ITS & Communications Program			163,229																		163,229	
TRANS - Annual Right-of-Way (ROW) Acquisitions																					200,000	
TRANS - Developer Reimbursements																					157,000	
TRANS - Rehab - Street Rehabilitation Program			4,090,390	6,111,540																	10,201,930	
Total 2023 Project Costs	\$ -	\$ -	\$ 6,116,666	\$ 6,111,540	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 931,891	\$ 559,096	\$ 101,000	\$ 975,000	\$ -	\$ -	\$ -	\$ 15,295,193
2023 Ending Balance	\$ -	\$ -	\$ (2,116,666)	\$ (1)	\$ 2,013,678	\$ 913,098	\$ 296,370	\$ 26,238	\$ 576,790	\$ 593,100	\$ 435,308	\$ 367,788	\$ 754,098	\$ 2,281,856	\$ (134,762)	\$ 336,812	\$ 4,509,203	\$ -	\$ -	\$ -	\$ 10,852,910	

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2024 Revenue Sources	General Fund			Transportation Fund (211)	Parks CEF (260)	Recreation CEF (261)	Trails CEF (262)	Open Space CEF (263)	Fire CEF (264)	Police CEF (265)	Library CEF (266)	Cultural Services CEF (267)	Gen. Govt. CEF (268)	Streets CEF (269)	Conservation Trust Fund (201)	Park Improvement Fund (200)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total	
	TABOR Excess	Council Special Projects Fund	GF																			
Beginning Fund Balance	-	-	6,000,000	(1)											(134,762)	336,812	4,509,203		-	-	10,711,252	
Less Operating Expenditures (not available for Capital Projects)															(416,924)		(1,661,342)				(2,078,266)	
Current Year - New Revenues					1,984,710	884,130	296,370	497,270	576,790	593,100	406,340	338,820	725,130	3,190,572	794,909	67,338	2,893,563	-	-	-	13,249,042	
Interest on Beginning Fund Balance Less Operating Expenditures																					-	
Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)				2,793,688																	2,793,688	
Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)				3,448,788																	3,448,788	
Internal Loan Repayment					28,968	28,968		28,968			28,968	28,968	28,968	23,175							196,983	
Total Resources	\$ -	\$ -	\$ 6,000,000	\$ 6,242,475	\$ 2,013,678	\$ 913,098	\$ 296,370	\$ 526,238	\$ 576,790	\$ 593,100	\$ 435,308	\$ 367,788	\$ 754,098	\$ 3,213,747	\$ 243,223	\$ 404,150	\$ 5,741,424	\$ -	\$ -	\$ -	\$ 28,321,487	
2024 Projects																						
FAC - Annual Facilities Major Maintenance			944,490																		944,490	
FAC - Municipal Building Renovation			252,000																		252,000	
P&R - Open Lands Acquisitions & Development																	1,740,000				1,740,000	
P&R - Park Renovation Projects																101,000					101,000	
TRANS - 57th St. Rehab - Wilson Ave to Taft Ave			3,737,000											1,515,000							5,252,000	
TRANS - Annual - Small Capital Projects														101,000							101,000	
TRANS - Annual Bike Route Signing & Striping			17,500											17,500							35,000	
TRANS - Annual Bike, PED and ADA Ramps			218,519											179,108							397,627	
TRANS - Annual Bridge Maintenance			316,078																		316,078	
TRANS - Annual Extended Projects			202,000																		202,000	
TRANS - Annual ITS & Communications Program			174,654																		174,654	
TRANS - Annual Right-of-Way (ROW) Acquisitions														200,000							200,000	
TRANS - Developer Reimbursements														100,000							100,000	
TRANS - Rehab - Street Rehabilitation Program			3,517,579	6,242,475																	9,760,054	
Total 2024 Project Costs	\$ -	\$ -	\$ 9,379,820	\$ 6,242,475	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,112,608	\$ -	\$ 101,000	\$ 1,740,000	\$ -	\$ -	\$ -	\$ 19,575,903
2024 Ending Balance	\$ -	\$ -	\$ (3,379,820)	\$ -	\$ 2,013,678	\$ 913,098	\$ 296,370	\$ 526,238	\$ 576,790	\$ 593,100	\$ 435,308	\$ 367,788	\$ 754,098	\$ 1,101,139	\$ 243,223	\$ 303,150	\$ 4,001,424	\$ -	\$ -	\$ -	\$ 8,745,584	

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2025 Revenue Sources	General Fund			Transportation Fund (211)	Parks CEF (260)	Recreation CEF (261)	Trails CEF (262)	Open Space CEF (263)	Fire CEF (264)	Police CEF (265)	Library CEF (266)	Cultural Services CEF (267)	Gen. Govt. CEF (268)	Streets CEF (269)	Conservation Trust Fund (201)	Park Improvement Fund (200)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total
	TABOR Excess	Council Special Projects Fund	GF																		
Beginning Fund Balance	-	-	5,000,000	-											243,223	303,150	4,001,424		-	-	9,547,797
Less Operating Expenditures (not available for Capital Projects)															(431,516)		(1,745,085)				(2,176,601)
Current Year - New Revenues					2,044,980	910,980	305,370	512,370	601,410	620,490	418,680	349,110	757,500	3,333,000	808,171	67,069	2,924,976	-	-	-	13,654,106
Interest on Beginning Fund Balance Less Operating Expenditures																					-
Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)				2,824,172																	2,824,172
Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)				3,552,252																	3,552,252
Internal Loan Repayment					28,968	28,968		28,968			28,968	28,968	28,968	23,175							196,983
Total Resources	\$ -	\$ -	\$ 5,000,000	\$ 6,376,424	\$ 2,073,948	\$ 939,948	\$ 305,370	\$ 541,338	\$ 601,410	\$ 620,490	\$ 447,648	\$ 378,078	\$ 786,468	\$ 3,356,175	\$ 619,878	\$ 370,219	\$ 5,181,315	\$ -	\$ -	\$ -	\$ 27,598,709
2025 Projects																					
FAC - Annual Facilities Major Maintenance			817,650																		817,650
P&R - Open Lands Acquisitions & Development								600,000									600,000				1,200,000
P&R - Park Renovation Projects																101,000					101,000
P&R - Recreation Trails															818,000						818,000
TRANS - Annual - Small Capital Projects																101,000					101,000
TRANS - Annual Bike Route Signing & Striping			17,500													17,500					35,000
TRANS - Annual Bike, PED and ADA Ramps			225,086													184,481					409,567
TRANS - Annual Bridge Maintenance			325,570																		325,570
TRANS - Annual Extended Projects			202,000																		202,000
TRANS - Annual ITS & Communications Program			186,880																		186,880
TRANS - Annual Right-of-Way (ROW) Acquisitions																200,000					200,000
TRANS - Rehab - Street Rehabilitation Program			4,418,035	6,376,423																	10,794,458
TRANS - US 34 Widening - Boyd Lake to Larimer Pkwy			863,550											1,302,900							2,166,450
Total 2025 Project Costs	\$ -	\$ -	\$ 7,056,271	\$ 6,376,423	\$ -	\$ -	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,805,881	\$ 818,000	\$ 101,000	\$ 600,000	\$ -	\$ -	\$ -	\$ 17,357,575
2025 Ending Balance	\$ -	\$ -	\$ (2,056,271)	\$ 1	\$ 2,073,948	\$ 939,948	\$ 305,370	\$ (58,662)	\$ 601,410	\$ 620,490	\$ 447,648	\$ 378,078	\$ 786,468	\$ 1,550,294	\$ (198,122)	\$ 269,219	\$ 4,581,315	\$ -	\$ -	\$ -	\$ 10,241,134

2019-2028 Traditionally Funded (General Fund Agencies) Capital Program
By Year

06/08/18

Red Font Annual Project without changes
Bolded Red Fon Annual Project with changes
Green Font New Project Submitted for 2019-2028 CIP Planning Process
Blue Font Project included in 2018-2027 CIP with changes
Black Font Project included in 2018-2027 CIP without changes

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2026 Revenue Sources			General Fund			Transportation Fund (211)	Parks CEF (260)	Recreation CEF (261)	Trails CEF (262)	Open Space CEF (263)	Fire CEF (264)	Police CEF (265)	Library CEF (266)	Cultural Services CEF (267)	Gen. Govt. CEF (268)	Streets CEF (269)	Conservation Trust Fund (201)	Park Improvement Fund (200)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total																					
			TABOR Excess	Council Special Projects Fund	GF																																							
A	Beginning Fund Balance	-	-	4,500,000	1												(198,122)	269,219	4,581,315		-	-	9,152,413	A																				
B	Less Operating Expenditures (not available for Capital Projects)																(446,619)		(1,823,465)				(2,270,084)	B																				
C	Current Year - New Revenues					2,044,980	910,980	305,370	512,370	601,410	620,490	418,680	349,110	757,500	3,333,000	800,968	66,799	2,998,185		-	-		13,719,842	C																				
D	Interest on Beginning Fund Balance Less Operating Expenditures																						-	D																				
E	Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)			2,854,656																			2,854,656	E																				
F	Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)			3,658,819																			3,658,819	F																				
G	Internal Loan Repayment					4,008	4,008		4,008				4,008	4,008	4,008	3,207							27,255	G																				
Total Resources			\$	-	\$	-	\$	4,500,000	\$	6,513,476	\$	2,048,988	\$	914,988	\$	305,370	\$	516,378	\$	601,410	\$	620,490	\$	422,688	\$	353,118	\$	761,508	\$	3,336,207	\$	156,227	\$	336,018	\$	5,756,035	\$	-	\$	-	\$	-	\$	27,142,901
2026 Projects																																												
1	FAC - Annual Facilities Major Maintenance			772,650																			772,650	1																				
2	P&R - Kroh Park (Phase II)						297,500																297,500	2																				
3	P&R - North Lake Miniature Train																	272,700					272,700	3																				
4	P&R - Open Lands Acquisitions & Development									500,000													2,450,000	4																				
5	P&R - Recreation Trails																						104,300	5																				
6	TRANS - Annual - Small Capital Projects																						101,000	6																				
7	TRANS - Annual Bike Route Signing & Striping			17,500																			17,500	7																				
8	TRANS - Annual Bike, PED and ADA Ramps			231,849																			190,016	8																				
9	TRANS - Annual Bridge Maintenance			335,345																			335,345	9																				
10	TRANS - Annual Extended Projects			202,000																			202,000	10																				
11	TRANS - Annual ITS & Communications Program			199,963																			199,963	11																				
12	TRANS - Annual Right-of-Way (ROW) Acquisitions																						200,000	12																				
13	TRANS - Rehab - Street Rehabilitation Program			3,832,710	6,513,475																		10,346,185	13																				
14	TRANS - US 34 Widening - Boyd Lake to Larimer Pkwy			2,014,950																			5,055,050	14																				
Total 2026 Project Costs			\$	-	\$	-	\$	7,606,967	\$	6,513,475	\$	297,500	\$	-	\$	-	\$	-	\$	-	\$	-	\$	3,548,616	\$	104,300	\$	272,700	\$	1,950,000	\$	-	\$	-	\$	-	\$	-	\$	20,793,558				
2026 Ending Balance			\$	-	\$	-	\$	(3,106,967)	\$	1	\$	1,751,488	\$	914,988	\$	305,370	\$	16,378	\$	601,410	\$	620,490	\$	422,688	\$	353,118	\$	761,508	\$	(212,409)	\$	51,927	\$	63,318	\$	3,806,035	\$	-	\$	-	\$	-	\$	6,349,343

2019-2028 Traditionally Funded (General Fund Agencies) Capital Program
By Year

06/08/18

- Red FontAnnual Project without changes
- Bolded Red FonAnnual Project with changes
- Green FontNew Project Submitted for 2019-2028 CIP Planning Process
- Blue FontProject included in 2018-2027 CIP with changes
- Black FontProject included in 2018-2027 CIP without changes

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2027 Revenue Sources	General Fund			Transportation Fund (211)	Parks CEF (260)	Recreation CEF (261)	Trails CEF (262)	Open Space CEF (263)	Fire CEF (264)	Police CEF (265)	Library CEF (266)	Cultural Services CEF (267)	Gen. Govt. CEF (268)	Streets CEF (269)	Conservation Trust Fund (201)	Park Improvement Fund (200)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total
	TABOR Excess	Council Special Projects Fund	GF																		
Beginning Fund Balance	-	-	6,000,000	1											51,927	63,318	3,806,035		-	-	9,921,281
Less Operating Expenditures (not available for Capital Projects)															(462,251)		(1,905,974)				(2,368,225)
Current Year - New Revenues					2,044,980	910,980	305,370	512,370	601,410	620,490	418,680	349,110	757,500	3,333,000	787,603	61,669	2,969,112	-	-	-	13,672,274
Interest on Beginning Fund Balance Less Operating Expenditures																					-
Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)				2,885,140																	2,885,140
Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)				3,768,584																	3,768,584
Internal Loan Repayment					-	4,008		4,008			4,008	4,008	4,008	-							20,040
Total Resources	\$ -	\$ -	\$ 6,000,000	\$ 6,653,725	\$ 2,044,980	\$ 914,988	\$ 305,370	\$ 516,378	\$ 601,410	\$ 620,490	\$ 422,688	\$ 353,118	\$ 761,508	\$ 3,333,000	\$ 377,279	\$ 124,987	\$ 4,869,173	\$ -	\$ -	\$ -	\$ 27,899,094
2027 Projects																					
FAC - Annual Facilities Major Maintenance			777,700																		777,700
FAC - Municipal Building Renovation			252,000																		252,000
P&R - Kroh Park (Phase II)					3,731,950																3,731,950
P&R - Open Lands Acquisitions & Development								500,000									3,225,000				3,725,000
P&R - Recreation Trails							1,781,640														1,781,640
TRANS - Annual - Small Capital Projects														101,000							101,000
TRANS - Annual Bike Route Signing & Striping			17,500											17,500							35,000
TRANS - Annual Bike, PED and ADA Ramps			238,815											195,716							434,531
TRANS - Annual Bridge Maintenance			345,414																		345,414
TRANS - Annual Extended Projects			202,000																		202,000
TRANS - Annual ITS & Communications Program			213,960																		213,960
TRANS - Annual Right-of-Way (ROW) Acquisitions														200,000							200,000
TRANS - Rehab - Street Rehabilitation Program			4,768,618	6,653,724																	11,422,342
Total 2027 Project Costs	\$ -	\$ -	\$ 6,816,007	\$ 6,653,724	\$ 3,731,950	\$ -	\$ 1,781,640	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 514,216	\$ -	\$ -	\$ 3,225,000	\$ -	\$ -	\$ -	\$ 23,222,537
2027 Ending Balance	\$ -	\$ -	\$ (816,007)	\$ 1	\$ (1,686,970)	\$ 914,988	\$ (1,476,270)	\$ 16,378	\$ 601,410	\$ 620,490	\$ 422,688	\$ 353,118	\$ 761,508	\$ 2,818,784	\$ 377,279	\$ 124,987	\$ 1,644,173	\$ -	\$ -	\$ -	\$ 4,676,557

2019-2028 Traditionally Funded (General Fund Agencies) Capital Program
By Year

06/08/18

- Red FontAnnual Project without changes
- Bolded Red FonAnnual Project with changes
- Green FontNew Project Submitted for 2019-2028 CIP Planning Process
- Blue FontProject included in 2018-2027 CIP with changes
- Black FontProject included in 2018-2027 CIP without changes

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2028 Revenue Sources	General Fund			Transportation Fund (211)	Parks CEF (260)	Recreation CEF (261)	Trails CEF (262)	Open Space CEF (263)	Fire CEF (264)	Police CEF (265)	Library CEF (266)	Cultural Services CEF (267)	Gen. Govt. CEF (268)	Streets CEF (269)	Conservation Trust Fund (201)	Park Improvement Fund (200)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total	
	TABOR Excess	Council Special Projects Fund	GF																			
Beginning Fund Balance	-	-	6,000,000	1											377,279	124,987	1,644,173		-	-	8,146,440	
Less Operating Expenditures (not available for Capital Projects)															(478,430)		(1,963,154)				(2,441,584)	
Current Year - New Revenues					2,105,250	937,830	314,370	527,470	590,000	635,930	431,020	359,400	776,970	3,418,668	799,606	63,211	2,888,042	-	-	-	13,847,767	
Interest on Beginning Fund Balance Less Operating Expenditures																					-	
Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)				2,915,625																	2,915,625	
Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)				3,881,641																	3,881,641	
Internal Loan Repayment																					-	
																					-	
Total Resources	\$ -	\$ -	\$ 6,000,000	\$ 6,797,267	\$ 2,105,250	\$ 937,830	\$ 314,370	\$ 527,470	\$ 590,000	\$ 635,930	\$ 431,020	\$ 359,400	\$ 776,970	\$ 3,418,668	\$ 698,455	\$ 188,198	\$ 2,569,061	\$ -	\$ -	\$ -	\$ 26,349,889	
2028 Projects																						
FAC - Annual Facilities Major Maintenance			782,783																		782,783	
P&R - Open Lands Acquisitions & Development								500,000									500,000				1,000,000	
P&R - Recreation Trails							252,500														252,500	
TRANS - Annual - Small Capital Projects																					101,000	
TRANS - Annual Bike Route Signing & Striping			17,500																		17,500	
TRANS - Annual Bike, PED and ADA Ramps			248,912																		35,000	
TRANS - Annual Bridge Maintenance			355,777																		452,567	
TRANS - Annual Extended Projects			202,000																		355,777	
TRANS - Annual ITS & Communications Program			228,938																		202,000	
TRANS - Annual Right-of-Way (ROW) Acquisitions																					228,938	
TRANS - Rehab - Street Rehabilitation Program			4,164,890	6,797,266																	200,000	
Total 2028 Project Costs	\$ -	\$ -	\$ 6,000,800	\$ 6,797,266	\$ -	\$ -	\$ 252,500	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 522,155	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 14,572,721
2028 Ending Balance	\$ -	\$ -	\$ (800)	\$ 1	\$ 2,105,250	\$ 937,830	\$ 61,870	\$ 27,470	\$ 590,000	\$ 635,930	\$ 431,020	\$ 359,400	\$ 776,970	\$ 2,896,513	\$ 698,455	\$ 188,198	\$ 2,069,061	\$ -	\$ -	\$ -	\$ 11,777,168	
10-Year Total	\$ 1,179,026	\$ 5,000,000	\$ 64,027,711	\$ 61,888,971	\$ 6,804,345	\$ 65,000	\$ 3,365,936	\$ 4,945,000	\$ -	\$ -	\$ -	\$ -	\$ 4,340,000	\$ 20,839,592	\$ 6,885,647	\$ 1,413,600	\$ 15,890,000	\$ 3,647,232	\$ 2,504,000	\$ -	\$ 202,796,060	

2019-2028 Capital Program - General Fund Agency
By Project

- Red Font
- Annual Project without changes
- Bolded Red Font
- Annual Project **with** changes
- Green Font
- New Project Submitted for 2019-2028 CIP Planning Process
- Blue Font
- Project included in 2018-2027 CIP with changes
- Black Font
- Project included in 2018-2027 CIP **without** changes

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	2019	2020	2021	2022	2023	Five Year Total	2024	2025	2026	2027	2028	10 Year Total	
Revenue													
A Beginning Balance	\$ 39,861,051					39,861,051						39,861,051	A
B Less Operating Expenditures (not available for Capital Projects)	\$ (1,681,744)	\$ (1,778,568)	\$ (1,843,822)	\$ (1,920,186)	\$ (1,983,142)	(9,207,462)	\$ (2,078,266)	\$ (2,176,601)	\$ (2,270,084)	\$ (2,368,225)	\$ (2,441,584)	(20,542,222)	B
C TABOR	-	-	-	-	-	-	-	-	-	-	-	-	C
D Special Projects	2,500,000	1,000,000	1,000,000	500,000	-	5,000,000	-	-	-	-	-	5,000,000	D
E General Fund	-	-	-	-	-	-	-	-	-	-	-	-	E
F Conservation Trust	1,385,766	773,235	795,243	819,609	823,365	4,597,218	794,909	808,171	800,968	787,603	799,606	8,588,475	F
G Park Improvement	65,647	62,391	64,070	65,411	67,607	325,126	67,338	67,069	66,799	61,669	63,211	651,212	G
H Open Lands Tax	3,058,779	2,686,726	2,712,219	2,767,433	2,823,585	14,048,742	2,893,563	2,924,976	2,998,185	2,969,112	2,888,042	28,722,620	H
I Grants	3,247,232	400,000	-	-	-	3,647,232	-	-	-	-	-	3,647,232	I
J Outside Revenue	4,000	1,000,000	1,000,000	500,000	-	2,504,000	-	-	-	-	-	2,504,000	J
K Enterprise Funds	-	-	-	-	-	-	-	-	-	-	-	-	K
L Interest	-	-	-	-	-	-	-	-	-	-	-	-	L
M HUTF Allocated to Street Rehabilitation	2,641,265	2,671,749	2,702,234	2,732,718	2,763,203	13,511,169	2,793,688	2,824,172	2,854,656	2,885,140	2,915,625	27,784,450	M
N Transportation Maintenance Fee	2,974,955	3,064,203	3,156,129	3,250,813	3,348,338	15,794,438	3,448,788	3,552,252	3,658,819	3,768,584	3,881,641	34,104,522	N
O Interfund Loan Repayment	196,983	196,983	196,983	196,983	196,983	984,915	196,983	196,983	27,255	20,040	-	1,426,176	O
P CEF	8,791,829	9,084,180	5,515,694	7,608,240	9,493,232	40,493,175	9,493,232	9,853,890	9,853,890	9,853,890	10,096,908	89,644,985	P
Total Resources	\$ 63,045,763	\$ 19,160,899	\$ 15,298,750	\$ 16,521,021	\$ 17,533,171	\$ 131,559,604	\$ 17,610,235	\$ 18,050,912	\$ 17,990,488	\$ 17,977,813	\$ 18,203,449	\$ 221,392,501	
Infrastructure Expense													
1 FAC - Annual Facilities Major Maintenance	700,000	700,000	713,060	755,490	922,490	3,791,040	944,490	817,650	772,650	777,700	782,783	7,886,313	1
2 FAC - Fleet Garage Expansion	-	-	300,000	4,040,000	-	4,340,000	-	-	-	-	-	4,340,000	2
3 FAC - Fuel Island Replacement	25,000	1,262,500	-	-	-	1,287,500	-	-	-	-	-	1,287,500	3
4 FAC - Municipal Building Renovation	-	-	252,000	-	-	252,000	252,000	-	-	252,000	-	756,000	4
5 FAC - North Transit Center (NTC)	2,265,000	-	-	-	-	2,265,000	-	-	-	-	-	2,265,000	5
6 FAC - Police Vehicle Storage & Parking Expansion	-	419,000	-	-	-	419,000	-	-	-	-	-	419,000	6
7 FAC - Pulliam Building (Phase II)	-	2,000,000	2,000,000	1,000,000	-	5,000,000	-	-	-	-	-	5,000,000	7
8 P&R - ADA Facility Updates	303,000	303,000	303,000	303,000	202,000	1,414,000	-	-	-	-	-	1,414,000	8
9 P&R - Fairgrounds Park (Phase II)	-	-	123,750	941,725	-	1,065,475	-	-	-	-	-	1,065,475	9
10 P&R - Kroh Park (Phase II)	-	-	-	-	-	-	-	-	297,500	3,731,950	-	4,029,450	10
11 P&R - Neighborhood Park	172,200	1,537,220	-	-	-	1,709,420	-	-	-	-	-	1,709,420	11
12 P&R - North Lake Miniature Train	40,000	-	-	-	-	40,000	-	-	272,700	-	-	312,700	12
13 P&R - Open Lands Acquisitions & Development	1,545,000	3,025,000	1,350,000	3,325,000	1,475,000	10,720,000	1,740,000	1,200,000	2,450,000	3,725,000	1,000,000	20,835,000	13
14 P&R - Park Renovation Projects	101,000	101,000	101,000	-	101,000	404,000	101,000	101,000	-	-	-	606,000	14
15 P&R - Recreation Fitness Court	99,000	-	-	-	-	99,000	-	-	-	-	-	99,000	15
16 P&R - Recreation Trails	4,230,497	712,050	85,000	1,708,500	559,096	7,295,143	-	818,000	104,300	1,781,640	252,500	10,251,583	16
17 P&R - Redevelopment of 10th Street Park (JA Park)	494,900	-	-	-	-	494,900	-	-	-	-	-	494,900	17
18 TRANS - 29th & Madison Intersection Improvements	50,000	454,500	-	-	-	504,500	-	-	-	-	-	504,500	18
19 TRANS - 37th & Monroe Intersection Improvements	808,000	-	-	-	-	808,000	-	-	-	-	-	808,000	19
20 TRANS - 37th Street Improvements - US287 to Lincoln	1,727,100	-	-	-	-	1,727,100	-	-	-	-	-	1,727,100	20
21 TRANS - 57th St. Rehab - Wilson Ave to Taft Ave	-	-	-	-	300,000	300,000	5,252,000	-	-	-	-	5,552,000	21
22 TRANS - Annual - Small Capital Projects	101,000	101,000	101,000	101,000	101,000	505,000	101,000	101,000	101,000	101,000	101,000	1,010,000	22
23 TRANS - Annual Bike Route Signing & Striping	20,000	20,000	20,000	35,000	17,500	112,500	35,000	35,000	35,000	35,000	35,000	287,500	23
24 TRANS - Annual Bike, PED and ADA Ramps	254,500	259,135	293,909	318,826	386,086	1,512,456	397,627	409,567	421,865	434,531	452,567	3,628,613	24
25 TRANS - Annual Bridge Maintenance	171,753	179,948	188,380	197,066	306,862	1,044,009	316,078	325,570	335,345	345,414	355,777	2,722,193	25
26 TRANS - Annual Extended Projects	50,500	50,500	50,500	202,000	202,000	555,500	202,000	202,000	202,000	202,000	202,000	1,565,500	26
27 TRANS - Annual ITS & Communications Program	124,527	133,244	142,571	152,550	163,229	716,121	174,654	186,880	199,963	213,960	228,938	1,720,516	27
28 TRANS - Annual Right-of-Way (ROW) Acquisitions	200,000	200,000	200,000	200,000	200,000	1,000,000	200,000	200,000	200,000	200,000	200,000	2,000,000	28
29 TRANS - CDOT I-25 Widening Grant Match	1,000,000	-	-	-	-	1,000,000	-	-	-	-	-	1,000,000	29
30 TRANS - CDOT Projects - I-25 Companion Projects	2,000,000	-	-	-	-	2,000,000	-	-	-	-	-	2,000,000	30
31 TRANS - Cleveland Ave Traffic Calming	-	170,000	-	-	-	170,000	-	-	-	-	-	170,000	31
32 TRANS - Developer Reimbursements	649,299	374,000	259,000	210,000	157,000	1,649,299	100,000	-	-	-	-	1,749,299	32
33 TRANS - Mill Levy Pass-Through to Larimer County	200,000	200,000	200,000	-	-	600,000	-	-	-	-	-	600,000	33
34 TRANS - Rehab - Street Rehabilitation Program	7,209,180	7,370,334	8,466,151	8,463,620	10,201,930	41,711,215	9,760,054	10,794,458	10,346,185	11,422,342	10,962,156	94,996,410	34
35 TRANS - Taft Ave & Eisenhower Blvd. Intersection Improvements	-	-	500,000	4,747,000	-	5,247,000	-	-	-	-	-	5,247,000	35

2019-2028 Capital Program - General Fund Agencies
By Project

- Red Font
- Annual Project without changes
- Bolded Red Font
- Annual Project **with** changes
- Green Font
- New Project Submitted for 2019-2028 CIP Planning Process
- Blue Font
- Project included in 2018-2027 CIP with changes
- Black Font
- Project included in 2018-2027 CIP **without** changes

DRAFT - 6/6/18

	2019	2020	2021	2022	2023	Five Year Total	2024	2025	2026	2027	2028	10 Year Total	
36 TRANS - Traffic Optimization (Phase II)	771,540	-	-	-	-	771,540	-	-	-	-	-	771,540	36
37 TRANS - US34 EB & WB Widening - Denver to Boyd Lake	4,259,848	483,200	-	-	-	4,743,048	-	-	-	-	-	4,743,048	37
38 TRANS - US 34 Widening - Boyd Lake to Larimer Pkwy	-	-	-	-	-	-	-	2,166,450	5,055,050	-	-	7,221,500	38
Subtotal Infrastructure	\$ 29,572,844	\$ 20,055,631	\$ 15,649,321	\$ 26,700,777	\$ 15,295,193	\$ 107,273,766	\$ 19,575,903	\$ 17,357,575	\$ 20,793,558	\$ 23,222,537	\$ 14,572,721	\$ 202,796,060	
Total	\$ 29,572,844	\$ 20,055,631	\$ 15,649,321	\$ 26,700,777	\$ 15,295,193	\$ 107,273,766	\$ 19,575,903	\$ 17,357,575	\$ 20,793,558	\$ 23,222,537	\$ 14,572,721	\$ 202,796,060	
Reserve for Future Capital Projects	\$ 33,472,919	\$ (894,732)	\$ (350,571)	\$ (10,179,756)	\$ 2,237,978	\$ 24,285,838	\$ (1,965,668)	\$ 693,337	\$ (2,803,070)	\$ (5,244,724)	\$ 3,630,728	\$ 18,596,441	

Note: CEF funds are restricted to use, and while shown in the total bottom line, may not be able to appropriated for certain projects. The same is true for Special Revenue funds. The impact is there will be a larger reliance on General funding than there is funds available, while there will be significant ending balances in the restricted funds.

**2018-2027 Capital Program
By Fund**

DRAFT - 6/6/18

	2019	2020	2021	2022	2023	Five Year Total	2024	2025	2026	2027	2028	Ten Year Total
Enterprise Funds												
Golf Enterprise	\$ 423,710	\$ 615,827	\$ 2,471,808	\$ 508,754	\$ 352,467	\$ 4,372,566	\$ 200,661	\$ 376,982	\$ 353,419	\$ 155,087	\$ 251,046	\$ 5,709,761
Power Enterprise	14,295,953	10,986,907	15,930,724	13,408,889	14,062,334	68,684,807	12,527,236	19,443,211	21,469,953	21,616,574	21,644,755	165,386,536
Water Enterprise	7,185,620	12,262,867	4,757,165	7,817,663	8,672,586	40,695,901	18,890,086	4,781,982	11,641,794	11,229,227	15,425,250	102,664,240
Wastewater Enterprise	5,665,430	3,741,828	4,903,940	15,011,350	4,712,494	34,035,041	26,254,457	5,373,170	5,196,038	4,332,860	2,626,281	77,817,847
Raw Water Enterprise	55,817,000	1,212,430	692,290	728,520	-	58,450,240	-	-	-	-	-	58,450,240
Stormwater Enterprise	5,638,950	6,182,145	4,052,878	4,025,300	5,274,570	25,173,843	3,768,000	1,278,000	4,501,150	4,221,450	3,661,850	42,604,293
Solid Waste Enterprise	1,126,000	441,726	-	1,136,554	1,159,284	3,863,564	1,931,370	1,395,220	1,347,244	536,454	-	9,073,852
Total Enterprise Funds	\$ 90,152,663	\$ 35,443,730	\$ 32,808,804	\$ 42,637,030	\$ 34,233,735	\$ 235,275,962	\$ 63,571,810	\$ 32,648,565	\$ 44,509,598	\$ 42,091,652	\$ 43,609,182	\$ 461,706,769
Capital Expansion Fee Funds												
Parks CEF	\$ 172,200	\$ 1,537,220	\$ 123,750	\$ 941,725	\$ -	\$ 2,774,895	\$ -	\$ -	\$ 297,500	\$ 3,731,950	\$ -	\$ 6,804,345
Recreation CEF	65,000	-	-	-	-	65,000	-	-	-	-	-	65,000
Trails CEF	619,746	712,050	-	-	-	1,331,796	-	-	-	1,781,640	252,500	3,365,936
Open Space CEF	345,000	-	-	2,000,000	500,000	2,845,000	-	600,000	500,000	500,000	500,000	4,945,000
Fire CEF	-	-	-	-	-	-	-	-	-	-	-	-
Police CEF	-	-	-	-	-	-	-	-	-	-	-	-
Library CEF	-	-	-	-	-	-	-	-	-	-	-	-
Cultural Services CEF	-	-	-	-	-	-	-	-	-	-	-	-
Gen. Govt. CEF	-	-	300,000	4,040,000	-	4,340,000	-	-	-	-	-	4,340,000
Streets CEF	5,614,102	868,688	724,109	4,197,326	931,891	12,336,116	2,112,608	1,805,881	3,548,616	514,216	522,155	20,839,592
Total Capital Expansion Fee Funds	\$ 6,816,048	\$ 3,117,958	\$ 1,147,859	\$ 11,179,051	\$ 1,431,891	\$ 23,692,807	\$ 2,112,608	\$ 2,405,881	\$ 4,346,116	\$ 6,527,806	\$ 1,274,655	\$ 40,359,873
Special Revenue Funds												
Transportation (street maintenance)	\$ 5,616,220	\$ 5,735,953	\$ 5,858,363	\$ 5,983,532	\$ 6,111,540	\$ 29,305,608	\$ 6,242,475	\$ 6,376,423	\$ 6,513,475	\$ 6,653,724	\$ 6,797,266	\$ 61,888,971
Conservation Trust	3,610,751	-	85,000	1,708,500	559,096	5,963,347	-	818,000	104,300	-	-	6,885,647
Park Improvement	635,900	101,000	101,000	-	101,000	938,900	101,000	101,000	272,700	-	-	1,413,600
Larimer County Open Space	1,200,000	3,025,000	1,350,000	1,325,000	975,000	7,875,000	1,740,000	600,000	1,950,000	3,225,000	500,000	15,890,000
Total Special Revenue Funds	\$ 11,062,871	\$ 8,861,953	\$ 7,394,363	\$ 9,017,032	\$ 7,746,636	\$ 44,082,855	\$ 8,083,475	\$ 7,895,423	\$ 8,840,475	\$ 9,878,724	\$ 7,297,266	\$ 86,078,218
General Funds												
TABOR Excess	\$ 1,179,026	\$ -	\$ -	\$ -	\$ -	\$ 1,179,026	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,179,026
Council Special Projects	2,500,000	1,000,000	1,000,000	500,000	-	5,000,000	-	-	-	-	-	5,000,000
General Fund Unassigned	4,763,667	5,675,720	5,107,099	5,504,694	6,116,666	27,167,846	9,379,820	7,056,271	7,606,967	6,816,007	6,000,800	64,027,711
Total General Funds	\$ 8,442,693	\$ 6,675,720	\$ 6,107,099	\$ 6,004,694	\$ 6,116,666	\$ 33,346,872	\$ 9,379,820	\$ 7,056,271	\$ 7,606,967	\$ 6,816,007	\$ 6,000,800	\$ 70,206,737
Other												
Grants	\$ 3,247,232	\$ 400,000	\$ -	\$ -	\$ -	\$ 3,647,232	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,647,232
Outside Revenue	4,000	1,000,000	1,000,000	500,000	-	2,504,000	-	-	-	-	-	2,504,000
Enterprise Funding (Traditionally Funded Projects)	-	-	-	-	-	-	-	-	-	-	-	-
Total Other	\$ 3,251,232	\$ 1,400,000	\$ 1,000,000	\$ 500,000	\$ -	\$ 6,151,232	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,151,232
Total Expenses	\$ 119,725,507	\$ 55,499,361	\$ 48,458,125	\$ 69,337,807	\$ 49,528,928	\$ 298,466,873	\$ 83,147,713	\$ 50,006,140	\$ 65,303,156	\$ 65,314,189	\$ 58,181,903	\$ 664,502,829

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**City of Loveland
Capital Improvement
Program**

D-250-Facilities Management

REQUEST NAME

FAC - Annual Facilities Major Maintenance

REQUEST CODE

CIP-D-250-19-002

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Energy Efficiency Rebates-Wastewater

PROJECT PRIORITY #

1

PROJECT #

CCPWA

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Facility Major Maintenance provides for capital renewal and maintenance projects across city facilities to ensure their continued safe and reliable operations. Yearly projects include repairs and replacements related to HVAC, mechanical systems, building automation, electrical, plumbing, security, parking lots, roofing, concrete, and interior finishes including carpet, paint, lighting, remodel, and furniture.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Design/Architect	84,000	84,000	85,567	90,659	110,699	491,433	946,358
Construction	525,000	525,000	534,795	566,617	691,867	3,071,453	5,914,732
Other Capital	84,000	84,000	85,567	90,659	110,699	491,433	946,358
1% for the Arts	7,000	7,000	7,131	7,555	9,225	40,954	78,865
Total	700,000	700,000	713,060	755,490	922,490	4,095,273	7,886,313

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	700,000	700,000	713,060	755,490	922,490	4,095,273	7,886,313
Total	700,000	700,000	713,060	755,490	922,490	4,095,273	7,886,313

**City of Loveland
Capital Improvement
Program**

D-250-Facilities Management

REQUEST NAME

FAC - Fleet Garage Expansion

REQUEST CODE

CIP-D-250-19-015

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Project Code to be Determined

PROJECT PRIORITY #

1

PROJECT #

TBD

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The proposed project creates an expansion/addition to the Fleet Maintenance Garage facilities to create the additional repair bays needed to keep pace with the City's growing fleet. The current Fleet Maintenance Garage was built in 1985 and includes 15 work bays. The expansion is expected to allow for an additional 4 work bays.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Design/Architect	0	0	300,000	0	0	0	300,000
Construction	0	0	0	4,000,000	0	0	4,000,000
1% for the Arts	0	0	0	40,000	0	0	40,000
Total	0	0	300,000	4,040,000	0	0	4,340,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Government							
Capital Expansion Fee	0	0	300,000	4,040,000	0	0	4,340,000
Fund Balance							
Total	0	0	300,000	4,040,000	0	0	4,340,000

Operating Budget

Expenses	2019	2020	2021	2022	2023	2024-2028	Total
O & M Ongoing	0	0	0	0	30,100	179,500	209,600
Total	0	0	0	0	30,100	179,500	209,600

**City of Loveland
Capital Improvement
Program**

D-250-Facilities Management

REQUEST NAME

FAC - Fuel Island Replacement

REQUEST CODE

CIP-D-250-19-031

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Project Code to be Determined

PROJECT PRIORITY #

1

PROJECT #

TBD

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The fuel tanks at the City's refueling facility have surpassed their useful life expectancy. While diligent maintenance and monitoring over their 30+ years has allowed usage beyond their normal life expectancy replacement is needed. Replacement of the tanks will provide new tank warranties and enhanced leak detection and safety. Staff encourages the use of current technology in tank construction, leak detection, and service to be implemented as well with the tank replacement.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Design/Architect	25,000	0	0	0	0	0	25,000
Construction	0	1,250,000	0	0	0	0	1,250,000
1% for the Arts	0	12,500	0	0	0	0	12,500
Total	25,000	1,262,500	0	0	0	0	1,287,500

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	25,000	1,262,500	0	0	0	0	1,287,500
Total	25,000	1,262,500	0	0	0	0	1,287,500

**City of Loveland
Capital Improvement
Program**

D-250-Facilities Management

REQUEST NAME

FAC - Municipal Building Renovation

REQUEST CODE

CIP-D-250-19-013

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Municipal Building Renovation

PROJECT PRIORITY #

1

PROJECT #

GF1702

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Driven by multiple factors including the creation of the Development Center, city growth, and efficiency concerns the space at the Municipal Building needs to be re-allocated to accommodate current and new departmental staff. This re-allocation will require renovation to portions of the facility. These renovations are critical to increase operational excellence and ensure growth is managed in a cost effective manner.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Design/Architect	0	0	50,000	0	0	100,000	150,000
Construction	0	0	200,000	0	0	400,000	600,000
1% for the Arts	0	0	2,000	0	0	4,000	6,000
Total	0	0	252,000	0	0	504,000	756,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	0	0	252,000	0	0	504,000	756,000
Total	0	0	252,000	0	0	504,000	756,000

City of Loveland Capital Improvement Program

D-250-Facilities Management

REQUEST NAME

FAC - North Transit Center (NTC)

REQUEST CODE

CIP-D-250-19-016

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Long Term Transit Facility

PROJECT PRIORITY #

1

PROJECT #

TR1602

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Project consists of the construction of a new transit center located off 287 to the North. The project will contain a facility for Colt operational staff, structures related to bus operations including covered waiting areas, and ticketing. The project will include parking areas for park-n-ride, bicycle support, electric vehicle support, and enhanced pedestrian access.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Design/Architect	245,000	0	0	0	0	0	245,000
Construction	2,000,000	0	0	0	0	0	2,000,000
1% for the Arts	20,000	0	0	0	0	0	20,000
Total	2,265,000	0	0	0	0	0	2,265,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Federal Grants	2,265,000	32,000	35,000	38,000	41,000	250,000	2,661,000
Total	2,265,000	32,000	35,000	38,000	41,000	250,000	2,661,000

Operating Budget

Expenses	2019	2020	2021	2022	2023	2024-2028	Total
O & M Ongoing	0	32,000	35,000	38,000	41,000	250,000	396,000
Total	0	32,000	35,000	38,000	41,000	250,000	396,000

**City of Loveland
Capital Improvement
Program**

D-250-Facilities Management

REQUEST NAME

FAC - Police Vehicle Storage & Parking Expansion

REQUEST CODE

CIP-D-250-19-026

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Project Code to be Determined

PROJECT PRIORITY #

1

PROJECT #

TBD

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Expansion of vehicle storage, garage storage and parking is needed. Facilities would complete a study and provide recommendations. Approximately 40 parking spaces are requested for outside storage of trailers and vehicles. Six large garage bays are desired for the Mobile Command Vehicle, SWAT truck, SWAT Bearcat, bomb trailer, and crime scene trailer. This facility could be located just north of the existing police building on the land and is part of the police and courts campus.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Design/Architect	0	15,000	0	0	0	0	15,000
Construction	0	400,000	0	0	0	0	400,000
1% for the Arts	0	4,000	0	0	0	0	4,000
Total	0	419,000	0	0	0	0	419,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	0	419,000	0	0	0	0	419,000
Total	0	419,000	0	0	0	0	419,000

Operating Budget

Expenses	2019	2020	2021	2022	2023	2024-2028	Total
O & M Ongoing	0	5,000	5,000	5,500	5,500	30,000	51,000
Total	0	5,000	5,000	5,500	5,500	30,000	51,000

**City of Loveland
Capital Improvement
Program**

120-23-250-1801-120-PW-Facilities Management-Facility Gen'l Bldg Maintenance

REQUEST NAME

FAC - Pulliam Building (Phase II)

REQUEST CODE

CIP-120-23-250-1801-19-250

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Pulliam Renovation

PROJECT PRIORITY #

1

PROJECT #

EDPULLIAM

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



The Pulliam Building Phase II consists of any remaining work not completed in Phase I. It also includes full window replacement, roof, skylights, entrance and Façade upgrades, landscape and repairs to the commercial kitchen.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	0	1,990,000	1,990,000	995,000	0	0	4,975,000
1% for the Arts	0	10,000	10,000	5,000	0	0	25,000
Total	0	2,000,000	2,000,000	1,000,000	0	0	5,000,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Council Special Projects	0	1,000,000	1,000,000	500,000	0	0	2,500,000
Fund Balance	0	1,000,000	1,000,000	500,000	0	0	2,500,000
Gifts/Donations	0	1,000,000	1,000,000	500,000	0	0	2,500,000
Total	0	2,000,000	2,000,000	1,000,000	0	0	5,000,000

**City of Loveland
Capital Improvement
Program**

51-Parks & Recreation

REQUEST NAME

P&R - ADA Facility Updates

REQUEST CODE

CIP-51-19-005

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



In 2017, an update of the 1998 ADA Self Evaluation and Transitional Plan for Parks and Recreation facilities and sites was completed. This project will correct deficiencies in compliance with Federal mandates set forth in Title II of the Americans with Disabilities Act. Staff anticipates a 5-7 year transition plan to remove all barriers necessary for compliance with Title II.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	300,000	300,000	300,000	300,000	200,000	0	1,400,000
1% for the Arts	3,000	3,000	3,000	3,000	2,000	0	14,000
Total	303,000	303,000	303,000	303,000	202,000	0	1,414,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	303,000	303,000	303,000	303,000	202,000	0	1,414,000
Total	303,000	303,000	303,000	303,000	202,000	0	1,414,000

**City of Loveland
Capital Improvement
Program**

51-Parks & Recreation

REQUEST NAME

P&R - Fairgrounds Park - Phase II

REQUEST CODE

CIP-51-19-001

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Recreation Fitness Court

PROJECT PRIORITY #

1

PROJECT #

PKFITNESSCRT

PROJECT AREA

N/A

PROJECT DESCRIPTION / NECESSITY



The City of Loveland developed the old Larimer County fairgrounds into a 48.5 acre community park in 2008. When the Park was constructed, there were insufficient funds to complete all identified project components. Proposed improvements for Phase II may include site lighting, picnic shelters, volleyball, irrigated turf and landscape improvements in the area east of the old grand stands and west of ball field complex 7-10 (5 Acres). Calculations indicate 0.38 FTEs would be required to provide current levels of service for routine maintenance of park facilities and grounds.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Misc Capital	0	0	25,000	0	0	0	25,000
Design/Architect	0	0	98,750	10,000	0	0	108,750
Construction	0	0	0	922,500	0	0	922,500
1% for the Arts	0	0	0	9,225	0	0	9,225
Total	0	0	123,750	941,725	0	0	1,065,475

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Parks Capital Expansion	0	0	123,750	941,725	0	0	1,065,475
Fee Fund Balance	0	0	0	0	0	0	0
Total	0	0	123,750	941,725	0	0	1,065,475

Operating Budget

Expenses	2019	2020	2021	2022	2023	2024-2028	Total
O & M Ongoing	0	0	0	0	11,100	42,550	53,650
Total	0	0	0	0	11,100	42,550	53,650

**City of Loveland
Capital Improvement
Program**

51-Parks & Recreation

REQUEST NAME

P&R - Kroh Park - Phase II

REQUEST CODE

CIP-51-19-004

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



Kroh Park totals 38.54 acres. The upper level (26.54 acres) was developed in 1996. The lower 12 acres of the site remain undeveloped at this time. This project includes the development of the lower portion of Kroh Park off of Monroe Avenue. Site development, which may be limited due to soil and high ground water conditions in the area, may include: a dog park, disc golf course and/or off-street parking. Calculations indicate 0.92 FTE's would be required to provide current level of service for routine maintenance of park facilities and grounds.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Other Capital	0	0	0	0	0	100,000	100,000
Design/Architect	0	0	0	0	0	197,500	197,500
Construction	0	0	0	0	0	3,695,000	3,695,000
1% for the Arts	0	0	0	0	0	36,950	36,950
Total	0	0	0	0	0	4,029,450	4,029,450

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Parks Capital Expansion	0	0	0	0	0	4,029,450	4,029,450
Fee Fund Balance	0	0	0	0	0	0	0
Total	0	0	0	0	0	4,029,450	4,029,450

Operating Budget

Expenses	2019	2020	2021	2022	2023	2024-2028	Total
O & M Ongoing	0	0	0	0	0	26,640	26,640
Total	0	0	0	0	0	26,640	26,640

**City of Loveland
Capital Improvement
Program**

51-Parks & Recreation

REQUEST NAME

P&R - Neighborhood Park

REQUEST CODE

CIP-51-19-007

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



The Parks and Recreation Master Plan identifies the need for at least one new neighborhood park which the Department plans to develop in the next 10 years. The Willow Bend property in southeast Loveland was purchased in 2016. This request includes land/water acquisition for this site, as well as design and development of the park. Calculations indicate 0.77 FTEs would be required to provide current level of service for routine maintenance of park facilities and grounds.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Design/Architect	172,200	0	0	0	0	0	172,200
Construction	0	1,522,000	0	0	0	0	1,522,000
1% for the Arts	0	15,220	0	0	0	0	15,220
Total	172,200	1,537,220	0	0	0	0	1,709,420

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Parks Capital Expansion	172,200	1,537,220	0	0	0	0	1,709,420
Fee Fund Balance							
Total	172,200	1,537,220	0	0	0	0	1,709,420

Operating Budget

Expenses	2019	2020	2021	2022	2023	2024-2028	Total
O & M Ongoing	0	0	20,400	15,640	15,640	78,200	129,880
Total	0	0	20,400	15,640	15,640	78,200	129,880

**City of Loveland
Capital Improvement
Program**

51-Parks & Recreation

REQUEST NAME

P&R - North Lake Miniature Train

REQUEST CODE

CIP-51-19-008

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



The North Lake Park miniature train has been a valued amenity for over 24 years and sees an average ridership of 26,000 each season. This project is intended to evaluate, design and possibly upgrade one car to be ADA compliant in 2019. This 18 gauge train is a custom build rather than a standard miniature train system. Given the limitations of the existing conditions, this project will most likely become a design for the replacement/upgrade of the entire train system including the cars, track, ties and bedway for safe function and accessibility of users. In addition, the train storage facility will require repair/renovation work for safe storage of the train when not in use.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Other Capital	40,000	0	0	0	0	272,700	312,700
Total	40,000	0	0	0	0	272,700	312,700

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Parks Improvement Fund	40,000	0	0	0	0	272,700	312,700
Balance							
Total	40,000	0	0	0	0	272,700	312,700

**City of Loveland
Capital Improvement
Program**

51-Parks & Recreation

REQUEST NAME

P&R - Open Lands Acquisitions and Developments

REQUEST CODE

CIP-51-19-009

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



As Loveland continues to grow, land and natural corridors need to be protected for the preservation of wildlife habitat and natural beauty in Loveland. Open Lands also provide a highly desirable passive recreation experience for the city. This plan includes acquisition of properties to preserve land in and around Loveland, and developing public access through a network of trail systems connecting people to natural places. Loveland receives a portion of the Help Preserve Open Spaces sales tax through Larimer County and has an internal Open Lands CEF which provides additional funding for these projects. Due to the extensive growth of Loveland's open lands and trail amenities, this request also includes the addition of one maintenance vehicle.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Land	475,000	2,200,000	800,000	2,800,000	200,000	7,440,000	13,915,000
Construction	792,080	742,575	495,050	495,050	1,212,872	2,425,744	6,163,371
Machinery & Equipment	270,000	75,000	50,000	25,000	50,000	225,000	695,000
1% for the Arts	7,920	7,425	4,950	4,950	12,128	24,256	61,629
Total	1,545,000	3,025,000	1,350,000	3,325,000	1,475,000	10,115,000	20,835,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
County Open Space Sales Tax Fund Balance	1,200,000	3,025,000	1,350,000	1,325,000	975,000	8,015,000	15,890,000
Open Lands Capital Expansion Fee Fund Balance	345,000	0	0	2,000,000	500,000	2,100,000	4,945,000
Total	1,545,000	3,025,000	1,350,000	3,325,000	1,475,000	10,115,000	20,835,000

Operating Budget

Expenses	2019	2020	2021	2022	2023	2024-2028	Total
O & M Ongoing	39,180	23,590	23,590	23,590	23,590	117,950	251,490
Total	39,180	23,590	23,590	23,590	23,590	117,950	251,490

**City of Loveland
Capital Improvement
Program**

51-Parks & Recreation

REQUEST NAME

P&R - Park Renovation Projects

REQUEST CODE

CIP-51-19-006

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



This proposed 2019 project includes the renovation of Seven Lakes Park restroom facility. Although originally slated as a 2018 project, construction costs have moved Seven Lakes to 2019 to make financial room to complete the renovation of the North Lake tennis court restroom. This facility does not meet ADA compliance and the renovation would also correct maintenance and storage issues with this building. Park Renovation Projects is an ongoing maintenance program with shelter updates, roof replacements and general facility upgrades and improvements.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	100,000	100,000	100,000	0	100,000	200,000	600,000
1% for the Arts	1,000	1,000	1,000	0	1,000	2,000	6,000
Total	101,000	101,000	101,000	0	101,000	202,000	606,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Parks Improvement Fund	101,000	101,000	101,000	0	101,000	202,000	606,000
Balance							
Total	101,000	101,000	101,000	0	101,000	202,000	606,000

**City of Loveland
Capital Improvement
Program**

51-Parks & Recreation

REQUEST NAME

P&R - Recreation Fitness Court

REQUEST CODE

CIP-51-19-247

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Recreation Fitness Court

PROJECT PRIORITY #

1

PROJECT #

PKFITNESSCRT

PROJECT AREA

N/A

PROJECT DESCRIPTION / NECESSITY



The Recreation Division is expanding the fitness and wellness opportunities available to all Loveland residents by constructing a Fitness Court in cooperation with the National Fitness Campaign (NFC). This project will be funded by the NFC grant, community/corporate sponsorships and Recreation CEF. The Fitness Court helps fulfill the Parks and Recreation Department's social equity mission by providing an outdoor bodyweight circuit training system for all residents to access for free. This addition will have a positive impact on the health and wellness of Loveland residents.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	120,000	0	0	0	0	0	120,000
1% for the Arts	10,000	0	0	0	0	0	10,000
Total	130,000	0	0	0	0	0	130,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Recreation Capital							
Expansion Fee Fund	90,000	0	0	0	0	0	90,000
Balance							
State Grant	30,000	0	0	0	0	0	30,000
Gifts/Donations	10,000	0	0	0	0	0	10,000
Total	130,000	0	0	0	0	0	130,000

**City of Loveland
Capital Improvement
Program**

51-Parks & Recreation

REQUEST NAME

P&R - Recreation Trails

REQUEST CODE

CIP-51-19-010

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



The Recreation Trail started in 1990 with the goal of completing a 22 mile trail loop around town. Completion of the trail loop will provide more connectivity to citizens in all areas of town. Planned trails include 57th and Taft Section, connection to Centerra Area, South Front Range Trail, and trail in East Loveland. O&M expenses account for personnel costs and various other services.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	4,224,361	705,000	85,000	1,708,500	559,096	2,936,300	10,218,257
1% for the Arts	6,136	7,050	0	0	0	20,140	33,326
Total	4,230,497	712,050	85,000	1,708,500	559,096	2,956,440	10,251,583

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Conservation Trust Fund Balance	3,610,751	0	85,000	1,708,500	559,096	922,300	6,885,647
Trails Capital Expansion Fee Fund Balance	619,746	712,050	0	0	0	2,034,140	3,365,936
Total	4,230,497	712,050	85,000	1,708,500	559,096	2,956,440	10,251,583

Operating Budget

Expenses	2019	2020	2021	2022	2023	2024-2028	Total
O & M Ongoing	6,000	6,000	6,000	6,000	6,000	30,000	60,000
Total	6,000	6,000	6,000	6,000	6,000	30,000	60,000

**City of Loveland
Capital Improvement
Program**

51-Parks & Recreation

REQUEST NAME

P&R - Redevelopment of Garfield Park (JA Park)

REQUEST CODE

CIP-51-19-003

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



This 2.0 acre park has not been renovated since the 1980s, but received a grant for a community build playground in 2017. Project renovation will bring the remainder of the site in compliance with 2014 Parks and Recreation Master Plan standards. Proposed improvements may include the demolition of the on-site building used for Library sorting and storage, addition of a shelter, a new basketball court, limited off-street parking, and renovation of an existing practice field. No change in FTEs would be required to provide current levels of service for routine maintenance of this park.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	490,000	0	0	0	0	0	490,000
1% for the Arts	4,900	0	0	0	0	0	4,900
Total	494,900	0	0	0	0	0	494,900

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Parks Improvement Fund	494,900	0	0	0	0	0	494,900
Balance							
Total	494,900	0	0	0	0	0	494,900

**City of Loveland
Capital Improvement
Program**

D-232-Engineering

REQUEST NAME

TRANS - 29th and Madison Intersection Improvements

REQUEST CODE

CIP-D-232-19-037

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Project Code to be Determined

PROJECT PRIORITY #

1

PROJECT #

TBD

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



This project was funded by the 2016 City Council supplemental appropriation for additional transportation projects intended to provide congestion relief on US34. The project consists of improvements to curb, gutter, sidewalk and traffic signals for a seamless transition and tie-in to the construction projects on Madison Avenue to the north and south of the intersection.

Design of the project will occur in 2019 and construction of the project will occur in 2020.

Detailed project information is available through the Public Works Department. Costs shown are engineering estimates until the project is bid.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Design/Architect	50,000	0	0	0	0	0	50,000
Construction	0	450,000	0	0	0	0	450,000
1% for the Arts	0	4,500	0	0	0	0	4,500
Total	50,000	454,500	0	0	0	0	504,500

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	50,000	454,500	0	0	0	0	504,500
Total	50,000	454,500	0	0	0	0	504,500

**City of Loveland
Capital Improvement
Program**

D-232-Engineering

REQUEST NAME

TRANS - 37th and Monroe Intersection Improvements

REQUEST CODE

CIP-D-232-19-041

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

37th Street Improvements US287 to Lincoln

PROJECT PRIORITY #

1

PROJECT #

EN1802

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



This project was partially funded by the 2016 City Council supplemental appropriation for additional transportation projects intended to provide congestion relief on US 34. The 37th Street and Monroe Avenue Intersection Improvements project consists of replacing the existing two-way stop controlled intersection with a single-lane roundabout.

Design of the project will occur in 2018 and construction of the project will occur in 2019.

Detailed project information is available through the Public Works Department. Costs shown are engineering estimates until the project is bid.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	800,000	0	0	0	0	0	800,000
1% for the Arts	8,000	0	0	0	0	0	8,000
Total	808,000	0	0	0	0	0	808,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Streets Capital Expansion	808,000	0	0	0	0	0	808,000
Fee Fund Balance	808,000	0	0	0	0	0	808,000
Total	808,000	0	0	0	0	0	808,000

**City of Loveland
Capital Improvement
Program**

D-232-Engineering

REQUEST NAME

TRANS - 37th Street Improvements-US 287 to Lincoln

REQUEST CODE

CIP-D-232-19-039

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

37th Street Improvements US287 to Lincoln

PROJECT PRIORITY #

1

PROJECT #

EN1802

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



The 37th Street, US 287 to Lincoln, project consists of the completion of 37th Street from east of US 287 to Lincoln Avenue, including the crossing of Dry Creek. The roadway will consist of a 3-lane minor arterial cross-section with bike lanes and sidewalks. The elements of the project are design, right-of-way acquisition, and construction. Portions of this area have been designed to a preliminary level. This project will also be coordinated with a Stormwater Capital Improvement Project for stabilization of the Dry Creek banks adjacent to the proposed roadway.

Design of the project will occur in 2018 and construction of the project will occur in 2019.

Detailed project information is available through the Public Works Department. Costs shown are engineering estimates until the project is bid.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	1,710,000	0	0	0	0	0	1,710,000
1% for the Arts	17,100	0	0	0	0	0	17,100
Total	1,727,100	0	0	0	0	0	1,727,100

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Streets Capital Expansion	1,727,100	0	0	0	0	0	1,727,100
Fee Fund Balance							
Total	1,727,100	0	0	0	0	0	1,727,100

**City of Loveland
Capital Improvement
Program**

D-232-Engineering

REQUEST NAME

TRANS - 57th St. Rehab. - Wilson Ave to Taft Ave

REQUEST CODE

CIP-D-232-19-040

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Project Code to be Determined

PROJECT PRIORITY #

1

PROJECT #

TBD

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



This project involves the reconstruction of approximately 1 mile of 2-lane rural road to meet current 2-lane Arterial Roadway standards. Due to increasing traffic volumes and poor storm drainage, the existing roadway requires extensive annual maintenance. Improving this section of roadway will increase safety for the motoring public and allow for maintenance funding to be utilized in other areas of need.

Detailed project information will be available through the Public Works Department after design is completed. Costs shown are engineering estimates until the project is bid.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Design/Architect	0	0	0	0	300,000	0	300,000
Construction	0	0	0	0	0	5,200,000	5,200,000
1% for the Arts	0	0	0	0	0	52,000	52,000
Total	0	0	0	0	300,000	5,252,000	5,552,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Streets Capital Expansion	0	0	0	0	300,000	1,515,000	1,815,000
Fee Fund Balance	0	0	0	0	0	3,737,000	3,737,000
Total	0	0	0	0	300,000	5,252,000	5,552,000

**City of Loveland
Capital Improvement
Program**

D-232-Engineering

REQUEST NAME

TRANS - Annual Small Capital Projects

REQUEST CODE

CIP-D-232-19-052

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Transportation Mini Project

PROJECT PRIORITY #

1

PROJECT #

TRANS-MINPRJ

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



This funding provides for the ability to address small unforeseen project needs that may arise during the year. Projects in this category are generally under \$30,000 in cost and do not necessarily warrant spending City Council time to appropriate funding for mid-year.

Projects in this category are those which are eligible to use Capital Expansion Fee (CEF) funds. In the case of projects that use a funding split, the appropriate portion will be taken from these funds.

Capital Items

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

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Streets Capital Expansion Fee Fund Balance	101,000	101,000	101,000	101,000	101,000	505,000	1,010,000
Total	101,000	101,000	101,000	101,000	101,000	505,000	1,010,000

**City of Loveland
Capital Improvement
Program**

D-232-Engineering

REQUEST NAME

TRANS - Annual Bike Route Signing and Striping

REQUEST CODE

CIP-D-232-19-044

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Transportation Alt

PROJECT PRIORITY #

1

PROJECT #

TRANS-ALT

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



This annual project enables the City to continually improve the bike route signing and striping within the City limits.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Design/Architect	2,000	2,000	2,000	3,500	3,500	17,500	30,500
Construction	18,000	18,000	18,000	31,500	31,500	157,500	274,500
Total	20,000	20,000	20,000	35,000	35,000	175,000	305,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	10,000	10,000	10,000	17,500	17,500	87,500	152,500
Streets Capital Expansion	10,000	10,000	10,000	17,500	17,500	87,500	152,500
Fee Fund Balance							
Total	20,000	20,000	20,000	35,000	35,000	175,000	305,000

**City of Loveland
Capital Improvement
Program**

D-232-Engineering

REQUEST NAME

TRANS - Annual Bike, PED and ADA Ramps

REQUEST CODE

CIP-D-232-19-045

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Transportation Alt

PROJECT PRIORITY #

1

PROJECT #

TRANS-ALT

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



The City's Bicycle and Pedestrian Plan addresses known gaps in bicycle and sidewalk connectivity. The Plan specifies, from highest evaluated need, the construction order of the top 300 gaps of the total 2,500 identified. The estimated construction cost in 2012 when the Plan was adopted ranged from a low of \$7 million to a high of \$14 million. Also included in this program are projects to address the 3,000 ADA access ramps at various City intersections, as well as transit stops, that currently fail to meet minimum ADA requirements. Each year the next phase of bicycle, pedestrian and ADA ramp projects is determined considering priorities as included in the applicable plan documents and funding provided by this allocation.

The General Fund total includes 1% for the Arts.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Design/Architect	25,000	25,000	30,000	30,000	35,000	205,000	350,000
Construction	227,228	231,817	261,296	285,966	347,610	1,892,235	3,246,152
1% for the Arts	2,272	2,318	2,613	2,860	3,476	18,922	32,461
Total	254,500	259,135	293,909	318,826	386,086	2,116,157	3,628,613

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	100,000	100,000	130,000	150,000	212,195	1,163,181	1,855,376
Streets Capital Expansion	154,500	159,135	163,909	168,826	173,891	952,976	1,773,237
Fee Fund Balance							
Total	254,500	259,135	293,909	318,826	386,086	2,116,157	3,628,613

**City of Loveland
Capital Improvement
Program**

D-232-Engineering

REQUEST NAME

TRANS - Annual Bridge Maintenance

REQUEST CODE

CIP-D-232-19-047

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Transportation Bridge

PROJECT PRIORITY #

1

PROJECT #

TRANS-BRIDGE

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Annual bridge repair, rehabilitation and maintenance is funded with this project. This funding supports a systematic preventative maintenance program helping to avoid more costly, unplanned emergency replacement and rehabilitation projects.

Detailed project information is available through the Public Works Department. Costs shown are engineering estimates until the project is bid.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Design/Architect	20,000	20,000	20,000	20,000	30,000	160,000	270,000
Construction	150,250	158,364	166,713	175,313	274,121	1,503,153	2,427,914
1% for the Arts	1,503	1,584	1,667	1,753	2,741	15,031	24,279
Total	171,753	179,948	188,380	197,066	306,862	1,678,184	2,722,193

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	171,753	179,948	188,380	197,066	306,862	1,678,184	2,722,193
Total	171,753	179,948	188,380	197,066	306,862	1,678,184	2,722,193

**City of Loveland
Capital Improvement
Program**

D-232-Engineering

REQUEST NAME

TRANS - Annual Extended Projects

REQUEST CODE

CIP-D-232-19-050

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Transportation Mini Project

PROJECT PRIORITY #

1

PROJECT #

TRANS-MINPRJ

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



This funding provides for the ability to address small unforeseen project needs that may arise during the year. Projects in this category are generally under \$200,000 and allows staff to address urgent needs quickly and with the maximum cost benefit to residents.

Projects in this category are those which are ineligible to use Capital Expansion Fee funds. In the case of projects that use a funding split, the appropriate portion will be taken from these funds.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	50,000	50,000	50,000	200,000	200,000	1,000,000	1,550,000
1% for the Arts	500	500	500	2,000	2,000	10,000	15,500
Total	50,500	50,500	50,500	202,000	202,000	1,010,000	1,565,500

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	50,500	50,500	50,500	202,000	202,000	1,010,000	1,565,500
Total	50,500	50,500	50,500	202,000	202,000	1,010,000	1,565,500

**City of Loveland
Capital Improvement
Program**

D-235-Traffic Engineering

REQUEST NAME

TRANS - Annual ITS and Communications Program

REQUEST CODE

CIP-D-235-19-042

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Intelligent Transportation System & Signals

PROJECT PRIORITY #

1

PROJECT #

TSITSC

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



The Annual Intelligent Transportation Systems and Communications Program funds design and expansion of the Traffic Division's communication system (fiber optic network, radio, etc.) and intelligent transportation system (ITS) equipment. This project was formerly named TRAN - Annual Traffic Fiber & Signals Program.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	123,294	131,925	141,159	151,040	161,613	994,451	1,703,482
1% for the Arts	1,233	1,319	1,412	1,510	1,616	9,944	17,034
Total	124,527	133,244	142,571	152,550	163,229	1,004,395	1,720,516

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	124,527	133,244	142,571	152,550	163,229	1,004,395	1,720,516
Total	124,527	133,244	142,571	152,550	163,229	1,004,395	1,720,516

**City of Loveland
Capital Improvement
Program**

D-232-Engineering

REQUEST NAME

TRANS - Annual Right-of-Way (ROW) Acquisition

REQUEST CODE

CIP-D-232-19-051

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Transportation ROW

PROJECT PRIORITY #

1

PROJECT #

TRANS-ROW

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



This funding allows for the purchase of rights of way (ROW) needed for future projects as they become available. This provides cost savings as property values continue to increase and acquiring them earlier can result in significant savings over purchasing at the time of project need. These funds are also utilized for limited ROW purchases on unforeseen small projects that arise during the year and are also eligible for use of Capital Expansion Fee (CEF) funding.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Design/Architect	200,000	200,000	200,000	200,000	200,000	1,000,000	2,000,000
Total	200,000	200,000	200,000	200,000	200,000	1,000,000	2,000,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Streets Capital Expansion Fee Fund Balance	200,000	200,000	200,000	200,000	200,000	1,000,000	2,000,000
Total	200,000	200,000	200,000	200,000	200,000	1,000,000	2,000,000

**City of Loveland
Capital Improvement
Program**

D-232-Engineering

REQUEST NAME

TRANS - CDOT I-25 Widening Grant Match

REQUEST CODE

CIP-D-232-19-088

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

ENCDOTI25LOC

PROJECT PRIORITY #

1

PROJECT #

ENCDOTI25LOC

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



In 2016, the City Council directed a total of \$2 million be allocated to provide grant matching funds for the construction of the North I-25 Widening Project, a \$237 million project. City Council passed a resolution on April 5, 2016 providing a total of \$2 million over a three year period. Contributions of \$500,000 were made in 2017 and 2018, leaving the remaining \$1 million to be paid in 2019.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Payment to Outside Agencies	1,000,000	0	0	0	0	0	1,000,000
Total	1,000,000	0	0	0	0	0	1,000,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	1,000,000	0	0	0	0	0	1,000,000
Total	1,000,000	0	0	0	0	0	1,000,000

**City of Loveland
Capital Improvement
Program**

D-232-Engineering

REQUEST NAME

TRANS - CDOT Projects - I-25 Companion Projects

REQUEST CODE

CIP-D-232-19-087

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

ENC DOT I25CMP

PROJECT PRIORITY #

1

PROJECT #

ENC DOT I25CMP

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



As part of the North I-25 Widening Project, the Colorado Department of Transportation has agreed to add the widening of US 34 over I-25 and the State Hwy 402 interchange reconstruction as companion projects to be included in their design and construction contracts. As a result, the City and other agencies are responsible for a contribution towards the cost of constructing these additional improvements. The City of Loveland's share of the local match is \$6 million, which is being paid in three equal installments of \$2 million in 2017, 2018, and 2019.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Payment to Outside Agencies	2,000,000	0	0	0	0	0	2,000,000
Total	2,000,000	0	0	0	0	0	2,000,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Council Special Projects Fund Balance	2,000,000	0	0	0	0	0	2,000,000
Total	2,000,000	0	0	0	0	0	2,000,000

**City of Loveland
Capital Improvement
Program**

D-232-Engineering

REQUEST NAME

TRANS - Cleveland Avenue Traffic Calming Study

REQUEST CODE

CIP-D-232-19-091

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Cleveland Avenue Traffic Calming (Foundry)

PROJECT PRIORITY #

1

PROJECT #

EN1709

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Study to look at traffic calming opportunities on Cleveland Avenue from 1st Street to 7th Street. Originally funded in 2017 through a budget supplemental, but funding was de-appropriated in 2017 due to Excess TABOR fund balance recalculation.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	170,000	0	0	0	0	170,000
Total	0	170,000	0	0	0	0	170,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	0	170,000	0	0	0	0	170,000
Total	0	170,000	0	0	0	0	170,000

**City of Loveland
Capital Improvement
Program**

D-232-Engineering

REQUEST NAME

TRANS - Developer Reimbursements

REQUEST CODE

CIP-D-232-19-054

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



Development is required to fund up to the cost of a collector street equivalent for the portion of streets within and adjacent to their property. In some cases, and per the 2035 Transportation Plan, the development is also required to oversize the adjacent arterial streets to their ultimate width along their property. In these instances, the City will reimburse the developer for the street oversizing costs at the time that the actual roadway improvement would have been required to meet traffic demand and payment is made on a first-in-first-out basis.

Individual projects for 2019-2028 include:

- West 43rd Street from Wilson Avenue to Cascade Avenue
- US 34/Sculptor Drive intersection
- Sculptor Drive from the intersection of US 34 south through Mountain Lion Drive intersection

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Developer Reimbursements	649,299	374,000	259,000	210,000	157,000	100,000	1,749,299
Total	649,299	374,000	259,000	210,000	157,000	100,000	1,749,299

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	26,000	16,000	9,800	0	0	0	51,800
Streets Capital Expansion	623,299	358,000	249,200	210,000	157,000	100,000	1,697,499
Fee Fund Balance							
Total	649,299	374,000	259,000	210,000	157,000	100,000	1,749,299

**City of Loveland
Capital Improvement
Program**

D-232-Engineering

REQUEST NAME

TRANS - Mill Levy Pass-Through to Larimer County

REQUEST CODE

CIP-D-232-19-089

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Mill Levy Pass-Through

PROJECT PRIORITY #

1

PROJECT #

EN1705

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



In 2016, the City entered into a regional agreement with Larimer County to return revenue generated through increased property tax revenue resulting from the 2015 re-assessment process effective 2016 - 2020*. This co-operative regional effort is projected to generate \$5 million for the North I-25 widening project. The funding amount and duration matches the County's distribution to the City and was memorialized by City Council resolution in March 2016.

*Payment is made in the following year. First payment was made in 2017.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Payment to Outside Agencies	200,000	200,000	200,000	0	0	0	600,000
Total	200,000	200,000	200,000	0	0	0	600,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	200,000	200,000	200,000	0	0	0	600,000
Total	200,000	200,000	200,000	0	0	0	600,000

**City of Loveland
Capital Improvement
Program**

211-23-232-1700-211-PW-Engineering-Street Rehabilitation

REQUEST NAME

TRANS - Rehab - Street Rehabilitation Program

REQUEST CODE

CIP-211-23-232-1700-19-059

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Transportation Rehab

PROJECT PRIORITY #

1

PROJECT #

TRANS-REHAB

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Please see next page for Description.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Design/Architect	20,000	80,000	20,000	80,000	20,000	280,000	500,000
Construction	7,118,000	7,218,152	8,362,526	8,300,614	10,081,119	52,480,392	93,560,803
1% for the Arts	71,180	72,182	83,625	83,006	100,811	524,803	935,607
Total	7,209,180	7,370,334	8,466,151	8,463,620	10,201,930	53,285,195	94,996,410

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	413,934	1,634,381	2,607,788	2,480,088	4,090,390	20,701,832	31,928,413
Highway Users Tax	2,067,004	2,087,711	2,108,419	2,129,126	2,149,834	11,059,784	21,601,878
Faster Distribution	574,261	584,038	593,815	603,592	613,369	3,213,497	6,182,572
Transportation Fee	2,974,955	3,064,204	3,156,129	3,250,814	3,348,337	18,310,082	34,104,521
TABOR Excess Projects	1,179,026	0	0	0	0	0	1,179,026
Total	7,209,180	7,370,334	8,466,151	8,463,620	10,201,930	53,285,195	94,996,410

City of Loveland Capital Improvement Program

Description

The Street Rehabilitation Program consists of a pavement management process to provide street treatment recommendations; five street maintenance contracts, two concrete repair contracts and other associated support work. The street system contains over 7.3 million square yards of pavement surface and more than 600 miles of curb, gutter, and sidewalk. The funding for this Program is used to manage and maintain this street system within the following programs:

The Annual Street-Resurfacing Program

Provides for the planning and implementation of street surface repairs. This includes planning of pavement repairs, asphalt overlays, hot-in-place recycling of pavements, chip and seal products, occasional spot repairs or safety improvements, support for Traffic Engineering for street maintenance projects, concrete repairs and asphaltic concrete and crack sealing materials for use by Street Maintenance.

Target Area

Provides for repairs to concrete in the right of way in advance of the various street-resurfacing programs. The focus is on upgrades to ramps that accommodate citizens with disabilities (ADA) and for the repair of drainage. The ADA repairs are federal requirements and the drainage repairs provide for longer life to the street resurfacing.

Concrete Cost Share Program

Per City Code, property owners are responsible for maintenance and replacement of their property fronting curbing, gutters, and sidewalks. Resolution 18-2005 allows for financial participation in that effort by the City. With our aging infrastructure, more sidewalk hazards appear each year. Funding this program at a higher level will benefit the entire city by making the program available to more residents, thus eliminating more hazardous locations. The program is restricted to residential owner-occupied homes.

Alley Repair Program

The City of Loveland is responsible for the maintenance of over 200 alley rights of way. This funding provides the beginning of a formal alley repair/reconstruction program for alleys that have deteriorated to a point where normal maintenance is insufficient. Historically, funds for this work have been taken from the Street Rehabilitation Concrete program on an "as needed" basis, causing the Concrete program to fall behind in maintenance and the alleys to receive only minimal upkeep.

Reconstruction of City Streets

This funding provides the ability to reconstruct streets without negatively impacting the annual Street Resurfacing budget. Streets are reconstructed whenever they have deteriorated beyond a point where regular resurfacing methods are no longer cost-effective. Currently, when a reconstruction project is required, it is funded using Street Resurfacing funds. Due to our aging infrastructure, a reconstruction project is necessary approximately every other year and generally reduces the funds available for basic maintenance by up to 16%. This reduction in basic maintenance causes a downward spiral where more streets will require more costly reconstruction in the future.

**City of Loveland
Capital Improvement
Program**

D-232-Engineering

REQUEST NAME

TRANS - Taft Ave & Eisenhower Blvd. Intersect Imp

REQUEST CODE

CIP-D-232-19-055

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Taft Ave/Eisenhow Intersection (Plan, ROW, Constr

PROJECT PRIORITY #

1

PROJECT #

EN1703

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



This project is the remaining work from the larger Taft Avenue Phase II project and consists of roadway widening from 11th Street to Westshore Drive and the installation of a new traffic signal at the Taft/Eisenhower intersection. Eisenhower intersection improvements also include dual northbound and southbound left turn lanes and concrete medians. \$1.7 Million of the project cost was funded by the 2016 City Council supplemental appropriation for additional transportation projects intended to provide congestion relief on US 34.

Final Design and right of way acquisition will occur in 2021, and construction will commence in 2022.

Detailed project information is available through the Public Works Department. Costs shown are engineering estimates until projects are bid.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Design/Architect	0	0	500,000	0	0	0	500,000
Construction	0	0	0	4,700,000	0	0	4,700,000
1% for the Arts	0	0	0	47,000	0	0	47,000
Total	0	0	500,000	4,747,000	0	0	5,247,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	0	0	500,000	1,247,000	0	0	1,747,000
Streets Capital Expansion	0	0	0	3,500,000	0	0	3,500,000
Fee Fund Balance							
Total	0	0	500,000	4,747,000	0	0	5,247,000

**City of Loveland
Capital Improvement
Program**

D-235-Traffic Engineering

REQUEST NAME

TRANS - Traffic Optimization (Phase II)

REQUEST CODE

CIP-D-235-19-043

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Traffic Signal Optimization

PROJECT PRIORITY #

1

PROJECT #

TS1713

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



The Traffic Optimization Phase II project consists of signal timing evaluation and improvements to the traffic signal system. The work will be located at various locations in Loveland and is expected to reduce congestion, delay, and crash rates.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	770,000	0	0	0	0	0	770,000
1% for the Arts	1,540	0	0	0	0	0	1,540
Total	771,540	0	0	0	0	0	771,540

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Federal Grants	617,232	0	0	0	0	0	617,232
General Fund Balance	77,154	0	0	0	0	0	77,154
Streets Capital Expansion	77,154	0	0	0	0	0	77,154
Fee Fund Balance							
Total	771,540	0	0	0	0	0	771,540

**City of Loveland
Capital Improvement
Program**

211-23-232-1701-211-PW-Engineering-Transportation Program

REQUEST NAME

TRANS - EB & WB Widening - Denver to Boyd Lake

REQUEST CODE

CIP-211-23-232-1701-19-391

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY

WITHOUT HARDSCAPE - BOTH EAST AND WEST BOUND DENVER TO BOYD (Budget is currently all in Construction as 49011 Right of Way is not available. Project to be split appropriately, including 1% for the Arts, once all of the correct accounts are made available in PowerPlan)

CHANGE TO 2018

\$284,402 GF required for match

\$570,442 Streets CEF required for match

\$2,670,285 of grant funding leveraged

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	3,920,599	482,368	0	0	0	0	4,402,967
Right of Way (ROW)	300,000	0	0	0	0	0	300,000
1% for the Arts	39,249	832	0	0	0	0	40,081
Total	4,259,848	483,200	0	0	0	0	4,743,048

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Council Special Projects Fund Balance	500,000	0	0	0	0	0	500,000
General Fund Balance	1,511,799	42,647	0	0	0	0	1,554,446
Streets Capital Expansion Fee Fund Balance	1,913,049	40,553	0	0	0	0	1,953,602
Federal Grants	335,000	400,000	0	0	0	0	735,000
Total	4,259,848	483,200	0	0	0	0	4,743,048

**City of Loveland
Capital Improvement
Program**

211-23-232-1701-211-PW-Engineering-Transportation Program

REQUEST NAME

TRANS - US 34 Widening - Boyd Lake to Larimer Pkwy

REQUEST CODE

CIP-211-23-232-1701-19-392

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY

TRANS US 34 WIDENING SECTIONS OF BOYD TO LCR 3.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	0	0	0	0	0	7,150,000	7,150,000
1% for the Arts	0	0	0	0	0	71,500	71,500
Total	0	0	0	0	0	7,221,500	7,221,500

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
General Fund Balance	0	0	0	0	0	2,166,450	2,166,450
Streets Capital Expansion	0	0	0	0	0	5,055,050	5,055,050
Fee Fund Balance	0	0	0	0	0		
Total	0	0	0	0	0	7,221,500	7,221,500

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2019-2028 Golf Enterprise Capital Program

	2019	2020	2021	2022	2023	Five Year Total	2024	2025	2026	2027	2028	Ten Year Total	
Revenue													
Beginning Balance	\$ 3,846,707	\$ 3,809,715	\$ 3,573,056	\$ 2,928,390	\$ 2,630,858	\$ 3,846,707	\$ 2,518,279	\$ 2,463,520	\$ 2,137,566	\$ 1,856,131	\$ 1,667,642	\$ 3,846,707	
A Operating Revenue	4,071,171	4,199,721	5,724,106	4,236,125	4,364,163	22,595,286	4,372,034	4,381,564	4,509,533	4,513,836	4,520,690	\$ 44,892,943	A
Total Revenue	\$ 7,917,878	\$ 8,009,436	\$ 9,297,162	\$ 7,164,515	\$ 6,995,021	\$ 26,441,993	\$ 6,890,313	\$ 6,845,084	\$ 6,647,099	\$ 6,369,967	\$ 6,188,332	\$ 48,739,650	
Expenditures													
Capital Projects													
1 Cattail Creek Golf Course Projects	197,100	-	-	-	-	197,100	-	-	-			\$ 197,100	1
2 Mariana Butte Golf Course Projects	-	166,500	-	-	-	166,500	-	-	-	-	-	\$ 166,500	2
3 Olde Course Clubhouse Replacement	200,000	-	2,070,500		-	2,270,500	-	-	-			\$ 2,270,500	3
Subtotal Capital Projects	\$ 397,100	\$ 166,500	\$ 2,070,500	\$ -	\$ -	2,634,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,634,100	
New & Replacement Equipment													
4 Equipment Replacements	26,610	449,327	401,308	508,754	319,142	1,705,141	200,661	376,982	353,419	155,087	251,046	\$ 3,042,336	4
Subtotal Equipment	\$ 26,610	\$ 449,327	\$ 401,308	\$ 508,754	\$ 319,142	1,705,141	\$ 200,661	\$ 376,982	\$ 353,419	\$ 155,087	\$ 251,046	\$ 3,042,336	
Total Capital Projects & Equipment	\$ 423,710	\$ 615,827	\$ 2,471,808	\$ 508,754	\$ 352,467	4,372,566	\$ 200,661	\$ 376,982	\$ 353,419	\$ 155,087	\$ 251,046	\$ 5,709,761	
Operating Expense	3,684,453	3,820,553	3,896,964	4,024,903	4,124,275	19,551,148	4,226,132	4,330,536	4,437,549	4,547,238	4,659,669	\$ 41,752,272	
Reserve for Future Capital Projects	\$ 3,809,715	\$ 3,573,056	\$ 2,928,390	\$ 2,630,858	\$ 2,518,279	15,460,298	\$ 2,463,520	\$ 2,137,566	\$ 1,856,131	\$ 1,667,642	\$ 1,277,617	\$ 24,862,774	

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**City of Loveland
Capital Improvement
Program**

51-Parks & Recreation

REQUEST NAME

Golf - Cattail Creek Golf Course Projects

REQUEST CODE

CIP-51-19-101

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



This project includes the purchase of 12 gas rental carts for specific use at Cattail Creek and the construction of a storage area to house the carts at that course. The storage area will be fenced on the sides and have a covered roof. This project also includes milling and installation of 2 inches of asphalt in the main entrance and west parking lot at Cattail Creek Golf Course. The lifespan of the rehabilitated parking lot is estimated at 30 years.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	160,500	0	0	0	0	0	160,500
Machinery & Equipment	35,000	0	0	0	0	0	35,000
1% for the Arts	1,605	0	0	0	0	0	1,605
Total	197,105	0	0	0	0	0	197,105

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Fund Balance	197,105	0	0	0	0	0	197,105
Total	197,105	0	0	0	0	0	197,105

**City of Loveland
Capital Improvement
Program**

51-Parks & Recreation

REQUEST NAME

Golf - Mariana Butte Golf Course Projects

REQUEST CODE

CIP-51-19-102

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



The Mariana Butte pumpstation was installed in 1991 and the fire suppression was added in 2009. The controller will be updated to a variable frequency drive and the steel piping, pumps, and motors will be replaced to allow for improved energy efficiency and enhanced operation. Due to the update of the variable frequency drive, the pump station replacement should qualify for the Platte River Power Authority Efficiency Program.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Other Capital	0	150,000	0	0	0	0	150,000
Design/Architect	0	15,000	0	0	0	0	15,000
Total	0	165,000	0	0	0	0	165,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Fund Balance	0	165,000	0	0	0	0	165,000
Total	0	165,000	0	0	0	0	165,000

**City of Loveland
Capital Improvement
Program**

51-Parks & Recreation

REQUEST NAME

Golf - Olde Course Clubhouse Replacement

REQUEST CODE

CIP-51-19-232

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



The Olde Course clubhouse is near the end of its life cycle. The current building will be replaced with a new clubhouse facility, the size and exact location of which is still being determined. Staff is undertaking a feasibility study and is taking the project through preliminary planning processes (CRT). Following that, a design concept and updated cost estimates will be known.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Design/Architect	200,000	0	0	0	0	0	200,000
Construction	0	0	2,050,000	0	0	0	2,050,000
1% for the Arts	0	0	20,500	0	0	0	20,500
Total	200,000	0	2,070,500	0	0	0	2,270,500

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Fund Balance	200,000	0	2,070,500	0	0	0	2,270,500
Total	200,000	0	2,070,500	0	0	0	2,270,500

Operating Budget

Expenses	2019	2020	2021	2022	2023	2024-2028	Total
O & M Ongoing	0	0	0	65,000	65,000	325,000	455,000
Total	0	0	0	65,000	65,000	325,000	455,000

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2019-2028 Power Utility Capital Program

													Ten Year
													Total

	2019	2020	2021	2022	2023	Five Year Total	2024	2025	2026	2027	2028	Ten Year Total	
PWR - Street Light Projects	\$ 252,500	\$ 261,338	\$ 270,478	\$ 279,952	\$ 289,749	\$ 1,354,017	\$ 299,890	\$ 310,393	\$ 321,250	\$ 332,492	\$ 344,126	\$ 2,962,168	
39 Arterials/Major Collectors	151,500	156,803	162,287	167,973	173,851	812,414	179,932	186,234	192,748	199,495	206,474	1,777,297	39
40 Customer Requests/Miscellaneous Projects	101,000	104,535	108,191	111,979	115,898	541,603	119,958	124,159	128,502	132,997	137,652	1,184,871	40
PWR - Substation General Projects	\$ 1,212,000	\$ 1,411,223	\$ 1,271,277	\$ 895,847	\$ 927,200	\$ 5,717,547	\$ 959,648	\$ 186,234	\$ 5,654,010	\$ 5,519,407	\$ 3,991,924	\$ 22,028,770	
41 Extend New Feeders for PRPA Community Solar Garden into System	252,500	-	-	-	-	252,500	-	-	-	-	-	252,500	41
42 Extension of Underground Transmission to Serve New Substation in SE Corner of Service	-	-	-	-	-	-	-	-	5,461,262	5,319,912	3,785,450	14,566,624	42
43 Order and Install of Switchgear for H1 and H2	-	1,254,420	-	-	-	1,254,420	-	-	-	-	-	1,254,420	43
44 Relay Replacements at Substations - Airport	-	-	243,440	-	-	243,440	-	-	-	-	-	243,440	44
45 Security Gates and Fences at Substations	656,500	-	703,263	727,874	753,349	2,840,986	779,716	-	-	-	-	3,620,702	45
46 Substation Annunciators	151,500	-	162,287	-	-	313,787	-	-	-	-	-	313,787	46
47 Substation Capital Maintenance	151,500	156,803	162,287	167,973	173,851	812,414	179,932	186,234	192,748	199,495	206,474	1,777,297	47
PWR - Substation PIF Projects	\$ 800,000	\$ 1,035,000	\$ 2,046,042	\$ 1,837,705	\$ 579,498	\$ 6,298,245	\$ -	\$ 7,278,373	\$ -	\$ 3,292,020	\$ 1,226,610	\$ 18,095,248	
48 East Substation - Order & Install New Transformer E1	-	1,035,000	-	-	-	1,035,000	-	-	-	-	-	1,035,000	48
49 Foothills Substation - Order & Install F3 & F4 Transformers	-	-	-	-	-	-	-	-	-	3,292,020	-	3,292,020	49
50 Horseshoe Substation - Replace Transformer H1	-	-	-	-	-	-	-	-	-	-	1,226,610	1,226,610	50
51 Land Development	-	-	1,081,942	-	-	1,081,942	-	-	-	-	-	1,081,942	51
52 Land Purchase	800,000	-	-	-	-	800,000	-	-	-	-	-	800,000	52
53 New Substation in SE Corner of Service Territory	-	-	-	-	-	-	-	7,278,373	-	-	-	7,278,373	53
54 Replace Airport Substation Transformer	-	-	964,100	-	-	964,100	-	-	-	-	-	964,100	54
55 Valley Substation - Install New Switchgear Lineup & Transformer for V3	-	-	-	-	579,498	579,498	-	-	-	-	-	579,498	55
56 Valley Substation - Order New Switchgear Lineup for V3	-	-	-	839,855	-	839,855	-	-	-	-	-	839,855	56
57 Valley Substation - Order New Transformer	-	-	-	997,850	-	997,850	-	-	-	-	-	997,850	57
PWR - System Improvements	\$ 3,686,803	\$ 2,069,851	\$ 2,142,281	\$ 4,232,931	\$ 4,207,227	\$ 16,339,093	\$ 4,366,477	\$ 7,368,598	\$ 8,718,724	\$ 8,425,387	\$ 8,782,231	\$ 54,000,510	
58 200 Amp Cable Replacement - Planned	303,000	313,605	324,584	335,946	347,703	1,624,838	359,873	372,468	385,497	398,990	412,958	3,554,624	58
59 Canyon Voltage Conversion from Idlewilde Park to Waltonia Rd	303,000	-	-	-	-	303,000	-	-	-	-	-	303,000	59
60 Demand Response	151,500	156,803	162,287	167,973	173,851	812,414	179,932	186,234	192,748	199,495	206,474	1,777,297	60
61 Distribution Automation	111,100	114,989	119,008	123,180	127,492	595,769	131,957	136,572	141,350	146,299	151,418	1,303,365	61
62 Energy Diversification Projects	303,000	313,605	324,584	335,946	347,703	1,624,838	359,873	372,468	385,497	398,990	412,958	3,554,624	62
63 Extend New Feeders from Foothills Substation from W. 22nd & Rio Blanco to Rossum and	404,000	-	-	-	-	404,000	-	-	-	-	-	404,000	63
64 Install 600 Amp Tie From Cascade West Along Highway 34, turning South on Rossum to Saint	-	-	-	-	-	-	-	-	-	-	61,942	61,942	64
65 Metering Equipment	500,000	517,500	535,613	554,359	573,762	2,681,234	593,843	-	-	-	-	3,275,077	65
66 Miscellaneous Small Projects	101,000	104,535	108,191	279,952	289,749	883,427	299,889	310,383	321,251	332,492	344,137	2,491,579	66
67 Planned Future Projects - General	-	-	-	1,847,674	1,738,493	3,586,167	1,811,344	2,855,563	4,047,757	3,590,934	3,716,617	19,608,382	67
68 Planned Future Projects - Worst Performing Feeders	-	-	-	-	-	-	-	2,483,096	2,570,005	2,659,954	2,753,052	10,466,107	68
69 Reconductor 921 on N Taft Ave from Railroad ROW to Eisenhower	474,953	-	-	-	-	474,953	-	-	-	-	-	474,953	69
70 Smaller Aging Infrastructure Replacements Projects - Unplanned	378,750	392,011	405,727	419,928	434,623	2,031,039	449,834	465,580	481,871	498,738	516,201	4,443,263	70
71 Transfer West Substation Circuit 914 to Foothills Substation	505,000	-	-	-	-	505,000	-	-	-	-	-	505,000	71
72 Underground Blanket - Development Driven Construction of Lateral Feeder Extensions	151,500	156,803	162,287	167,973	173,851	812,414	179,932	186,234	192,748	199,495	206,474	1,777,297	72
PWR - New & Replacement Equipment	-	-	-	-	-	-	-	-	-	-	-	-	
73 Replace #5206, 2002 Hyster Forklift	71,000	-	-	-	-	71,000	-	-	-	-	-	71,000	73
74 Replace #5807, 2009 S&R UnderDawg Puller	190,000	-	-	-	-	190,000	-	-	-	-	-	190,000	74
75 Replacement of Metering Software Server and Ancillary Equipment	10,000	-	-	-	-	10,000	-	-	-	-	-	10,000	75
76 Replacement of Electric SCADA Servers and Scada Workstations	39,000	-	-	-	-	39,000	-	-	-	-	-	39,000	76
Subtotal Equipment	\$ 310,000	\$ -	\$ -	\$ -	\$ -	310,000	\$ -	\$ -	\$ -	\$ -	\$ -	310,000	
Total Capital Projects & Equipment	\$ 14,295,953	\$ 10,986,907	\$ 15,930,724	\$ 13,408,889	\$ 14,062,334	\$ 68,684,807	\$ 12,527,236	\$ 19,443,211	\$ 21,469,953	\$ 21,616,574	\$ 21,644,755	\$ 165,386,536	
Reserve for Future Capital Projects	\$ 14,234,100	\$ 17,869,806	\$ 17,846,512	\$ 21,889,953	\$ 25,270,219	\$ 25,221,219	\$ 31,594,493	\$ 31,984,912	\$ 30,711,909	\$ 29,253,605	\$ 27,573,640	\$ 27,524,640	

**City of Loveland
Capital Improvement
Program**

330-Power

REQUEST NAME

PWR - Capital Blankets

REQUEST CODE

CIP-330-19-025

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

UNDERGROUND DIST LINES

PROJECT PRIORITY #

1

PROJECT #

PW902

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Overhead Distribution Lines (PW901) - \$296,223
Underground Distribution Lines (PW902) - \$2,369,743
Meter Purchases/Installs/Upgrades (PW903) - \$2,932,840
Distribution Transformers (PW912) - \$5,865,690
Substation (PW905) - \$0
Street Lights & Yard Lights (PW906) - \$1,777,297
Overhead Service Installation/Upgrades (PW907) - \$118,493
Underground Service Installations/Upgrades (PW908) - \$2,962,168
Temporary Service Installations (PW909) - \$592,426

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Capitalized Labor	384,838	0	0	0	0	0	384,838
Purchased Materials	839,971	0	0	0	0	0	839,971
Construction	210,191	1,485,230	1,537,210	1,591,020	1,646,700	9,139,360	15,609,711
1% for the Arts	6,850	7,090	7,338	7,595	7,861	43,627	80,361
Total	1,441,850	1,492,320	1,544,548	1,598,615	1,654,561	9,182,987	16,914,881

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Power Fund Balance	1,441,850	1,492,320	1,544,548	1,598,615	1,654,561	9,182,987	16,914,881
Total	1,441,850	1,492,320	1,544,548	1,598,615	1,654,561	9,182,987	16,914,881

**City of Loveland
Capital Improvement
Program**

330-Power

REQUEST NAME

PWR - Conversions

REQUEST CODE

CIP-330-19-020

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

CONVERSIONS

PROJECT PRIORITY #

1

PROJECT #

PW914

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Please see next page for Description.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Capitalized Labor	229,387	0	0	0	0	0	229,387
Purchased Materials	360,184	0	0	0	0	0	360,184
Construction	840,429	1,723,280	4,772,320	2,638,760	1,181,950	3,721,800	14,878,539
1% for the Arts	14,300	17,232	47,723	26,388	11,820	37,218	154,681
Total	1,444,300	1,740,512	4,820,043	2,665,148	1,193,770	3,759,018	15,622,791

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Power Fund Balance	1,444,300	1,740,512	4,820,043	2,665,148	1,193,770	3,759,018	15,622,791
Total	1,444,300	1,740,512	4,820,043	2,665,148	1,193,770	3,759,018	15,622,791

**City of Loveland
Capital Improvement
Program**

Description

Overhead (OH) to underground (UG) conversion Wilson Ave & Carlisle to SW 10th & Tyler - \$703,263
OH to UG circuit 214 - Eisenhower between Goram and Madison - \$581,922
OH to UG conversion along 27th St from Madison to HWY 287 - \$811,454
OH to UG conversion circuits 222 & 221 from 11th along Madison to 1st St - \$523,645
OH to UG conversion circuit 713 from 402 & Lincoln N to 1st St - \$1,018,009
OH to UG conversion circuit 411 along S. Taft from 20th St SW to 23rd St SW - \$898,052
OH to UG conversion circuit 411 on Railroad right of way from Taft to Grant - \$615,888
OH to UG conversion along 14th St SW between Roosevelt & S. Taft Ave - \$671,125
OH to UG conversion along 14th St SE from St. Louis going .26 miles east - \$432,412
OH to UG conversion along Madison between 16th & SW257 along ckt 231 - \$1,157,046
OH to UG conversion along Madison between 29th and vault 1023 - 200amp - \$496,203
OH to UG conversion on 29th - Logan to Garfield - \$811,454
OH to UG conversion on S. Roosevelt - \$1,439,471
OH to UG conversion circuit 214 - Eisenhower between Madison and Boise - Downtown Backbone - \$515,110
OH to UG conversion circuit 214 - 7th between Railroad and Monroe - Downtown Backbone - \$653,349
OH to UG conversion circuit 214 - Monroe between 7th and 11th - Downtown Backbone - \$465,236
OH to UG conversion circuit 214 - Gorom between Eisenhower and 11th - Downtown Backbone - \$257,560
OH to UG conversion circuit 214 - Railroad between 3rd and 7th - Downtown Backbone - \$434,300
OH to UG conversion Highway 287 from 29th St to 41st St - \$1,010,000
OH to UG conversion Highway 287 from 41st St to 57th St - \$1,045,350
OH to UG conversion Highway 287 from 57th St to 71st St - \$1,081,942

**City of Loveland
Capital Improvement
Program**

330-Power

REQUEST NAME

PWR - Customer ATC

REQUEST CODE

CIP-330-19-017

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

CUSTOMER AID-TO-CONSTRUCT

PROJECT PRIORITY #

1

PROJECT #

PW912

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Customer ATC - Labor/Fleet & Other Materials - \$16,720,830

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Capitalized Labor	685,829	0	0	0	0	0	685,829
Purchased Materials	172,251	0	0	0	0	0	172,251
Construction	401,920	1,304,100	1,563,990	1,618,730	1,675,380	9,298,630	15,862,750
Total	1,260,000	1,304,100	1,563,990	1,618,730	1,675,380	9,298,630	16,720,830

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Power Fund Balance	1,260,000	1,304,100	1,563,990	1,618,730	1,675,380	9,298,630	16,720,830
Total	1,260,000	1,304,100	1,563,990	1,618,730	1,675,380	9,298,630	16,720,830

**City of Loveland
Capital Improvement
Program**

331-Power PIF

REQUEST NAME

PWR - PIF-Feeders

REQUEST CODE

CIP-331-19-023

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

PIF-FEEDERS

PROJECT PRIORITY #

1

PROJECT #

PW921

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Blanket-Development Driven Construction of Miscellaneous Primary Feeder Extensions as Required to Meet New Load Requirements - \$1,777,297

Install Conduits from Byrd Dr to I25 Frontage Road Connecting at Kendall Parkway - \$940,815

Sub to Sub Tie - Install New Conduit Bank and 750 AL from Garfield to County Road 11 - \$927,200

Sub to Sub Tie - Install New Conduit Bank and 750 AL from 57th and Taft to Vault V1780 - \$867,297

Foothills Substation conduit - Install new Conduit Along W 22nd East from Rio Blanco to Van Buren - \$1,927,504

Extend New Feeders from Valley V3 Into System - \$1,678,589

Extend New Feeders from East Substation to Boise and 402 - \$522,675

Extend New Feeders from Boise and 402 to I25 Towards Future New Substation - \$2,162,047

Sub to Sub Tie - Install New Duct Bank and 750 AL on Madison E on 37th to County Road 11C, N to 57th

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Capitalized Labor	602,946	0	0	0	0	0	602,946
Purchased Materials	974,116	0	0	0	0	0	974,116
Construction	2,272,938	1,656,000	2,249,570	277,190	3,499,950	7,013,170	16,968,818
1% for the Arts	38,500	16,560	22,495	2,772	35,000	70,132	185,459
Total	3,888,500	1,672,560	2,272,065	279,962	3,534,950	7,083,302	18,731,339

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Power PIF Fund Balance	3,888,500	1,672,560	2,272,065	279,962	3,534,950	7,083,302	18,731,339
Total	3,888,500	1,672,560	2,272,065	279,962	3,534,950	7,083,302	18,731,339

**City of Loveland
Capital Improvement
Program**

331-Power PIF

REQUEST NAME

PWR - PIF-Substations

REQUEST CODE

CIP-331-19-022

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

PIF-SUBSTATIONS

PROJECT PRIORITY #

1

PROJECT #

PW920

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Valley Substation - Order New Transformer - V3 - \$997,850
 Valley Substation - Order New Switchgear Lineup for V3 - \$839,855
 Valley Substation - Install New Switchgear Lineup & Transformer for V3 - \$579,498
 New Substation in South East Corner of Service Territory - \$7,278,373
 Replace Airport Substation Transformer - \$964,100
 Foothills Substation - Order & Install F3 & F4 Transformers - \$3,292,020
 Replace Horseshoe Substation Transformer H1 - \$1,226,610
 Land Purchase - \$800,000
 Land Development - \$1,081,942
 East Substation - Order & Install New Transformer E1 - \$1,035,000

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	0	1,035,000	2,035,330	1,829,390	573,760	11,724,940	17,198,420
1% for the Arts	0	0	10,712	8,315	5,738	72,063	96,828
Land	800,000	0	0	0	0	0	800,000
Total	800,000	1,035,000	2,046,042	1,837,705	579,498	11,797,003	18,095,248

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Power PIF Fund Balance	800,000	1,035,000	2,046,042	1,837,705	579,498	11,797,003	18,095,248
Total	800,000	1,035,000	2,046,042	1,837,705	579,498	11,797,003	18,095,248

**City of Loveland
Capital Improvement
Program**

330-Power

REQUEST NAME

PWR - 2019 Power Capital Replacements

REQUEST CODE

CIP-330-19-246

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

GENERAL PLANT

PROJECT PRIORITY #

1

PROJECT #

PW930

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Replace #5206, 2002 Hyster Forklift - \$71,000

Replace #5807, 2009 S&R UnderDawg Puller - \$190,000

Replacement of Metering Software Server and Ancillary Equipment - \$10,000

Replacement of Electric SCADA Servers and SCADA Workstations - \$39,000

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Machinery & Equipment	310,000	0	0	0	0	0	310,000
Total	310,000	0	0	0	0	0	310,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Power Fund Balance	310,000	0	0	0	0	0	310,000
Total	310,000	0	0	0	0	0	310,000

**City of Loveland
Capital Improvement
Program**

330-Power

REQUEST NAME

PWR - Street Lights

REQUEST CODE

CIP-330-19-021

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

STREET LIGHTS-SPECIFIC

PROJECT PRIORITY #

1

PROJECT #

PW915

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Arterials/Major Collectors - \$1,777,297

Customer Requests/Miscellaneous Projects - \$1,184,871

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Purchased Materials	100,000	0	0	0	0	0	100,000
Construction	150,000	258,750	267,800	277,180	286,880	1,592,230	2,832,840
1% for the Arts	2,500	2,588	2,678	2,772	2,869	15,921	29,328
Total	252,500	261,338	270,478	279,952	289,749	1,608,151	2,962,168

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Power Fund Balance	252,500	261,338	270,478	279,952	289,749	1,608,151	2,962,168
Total	252,500	261,338	270,478	279,952	289,749	1,608,151	2,962,168

**City of Loveland
Capital Improvement
Program**

330-Power

REQUEST NAME

PWR - Substations

REQUEST CODE

CIP-330-19-018

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

SUBSTATION-SPECIFIC

PROJECT PRIORITY #

1

PROJECT #

PW911

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Capital Maintenance - \$1,777,297
Security Gates and Fences at Substations - \$3,620,702
Relay Replacements at Substations - Airport - \$243,440
Substation Annunciators - \$313,787
Extend New Feeders for PRPA (Platte River Power Authority) Community Solar Garden Into System - \$252,500
Extension of Underground Transmission to Serve New Substation in South East Corner of Service Territory - \$14,566,624
Order and Install of Switchgear for H1 and H2 - \$1,254,420

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Capitalized Labor	166,780	0	0	0	0	0	166,780
Purchased Materials	249,556	0	0	0	0	0	249,556
Construction	783,664	1,397,250	1,258,690	886,977	918,020	16,149,726	21,394,327
1% for the Arts	12,000	13,973	12,587	8,870	9,180	161,497	218,107
Total	1,212,000	1,411,223	1,271,277	895,847	927,200	16,311,223	22,028,770

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Power Fund Balance	1,212,000	1,411,223	1,271,277	895,847	927,200	16,311,223	22,028,770
Total	1,212,000	1,411,223	1,271,277	895,847	927,200	16,311,223	22,028,770

**City of Loveland
Capital Improvement
Program**

330-Power

REQUEST NAME

PWR - Systems Improvements

REQUEST CODE

CIP-330-19-019

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

SYSTEM IMPROVEMENTS

PROJECT PRIORITY #

1

PROJECT #

PW913

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Underground Blanket-Development Driven Construction of Lateral Feeder Extensions as Required to Meet New Load Requirements - \$1,777,297
Demand Response - \$1,777,297
Smaller Aging Infrastructure Replacement Projects - Unplanned - \$4,443,263
Distribution Automation - \$1,303,365
Planned Future Projects - General - \$19,608,382
Planned Future Projects - Worst Performing Feeders - \$10,466,107
Energy Diversification Projects - \$3,554,624
200AMP Cable Replacements - Planned - \$3,554,624
Install 600 AMP Tie from Cascade West Along Highway 34, Turning South on Rossum to Saint Andrews - \$61,942

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Capitalized Labor	431,074	0	0	0	0	0	431,074
Purchased Materials	682,254	0	0	0	0	0	682,254
Construction	2,541,922	2,054,480	2,126,373	4,196,509	4,171,252	37,294,406	52,384,942
1% for the Arts	31,553	15,371	15,908	36,422	35,975	367,001	502,230
Total	3,686,803	2,069,851	2,142,281	4,232,931	4,207,227	37,661,407	54,000,500

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Power Fund Balance	3,686,803	2,069,851	2,142,281	4,232,931	4,207,227	37,661,407	54,000,500
Total	3,686,803	2,069,851	2,142,281	4,232,931	4,207,227	37,661,407	54,000,500

2019-2028 Stormwater Utility Capital Program

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

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**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

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

REQUEST CODE

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

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



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

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	0	0	0	144,000	144,000
Total	0	0	0	0	0	144,000	144,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Stormwater Fund Balance	0	0	0	0	0	144,000	144,000
Total	0	0	0	0	0	144,000	144,000

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SWA - 29th & Monroe Outfall (Phase 2 - Dry Creek)

REQUEST CODE

CIP-345-23-283-0000-19-085

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



Phase 2 of a two phase project to reduce flooding problems on Monroe Avenue immediately north of 29th Street and stabilize erosion along a bend in Dry Creek. This project includes construction of a 54-inch diameter outfall pipe from the existing Eagleview detention pond to Dry Creek, construction of the Lincoln Avenue storm sewer outlet into Dry Creek, and construction of a large retaining wall in Dry Creek. The wall is necessary to stabilize existing bank erosion that has created a nearly 20-foot high vertical bank and that threatens 37th Street and existing utilities. This project has been designed, but was put on hold until the 37th Street extension project is constructed. These projects will be built simultaneously as a single construction project.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	1,185,000	0	0	0	0	0	1,185,000
1% for the Arts	11,850	0	0	0	0	0	11,850
Total	1,196,850	0	0	0	0	0	1,196,850

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Stormwater Fund Balance	1,196,850	0	0	0	0	0	1,196,850
Total	1,196,850	0	0	0	0	0	1,196,850

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SWA - 29th & Sheridan Stormwater Improvements

REQUEST CODE

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

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



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

Capital Items

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

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Stormwater Fund Balance	0	60,000	333,300	0	0	0	393,300
Total	0	60,000	333,300	0	0	0	393,300

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SWA - Benson Park (29th Street Culvert)

REQUEST CODE

CIP-345-23-283-0000-19-066

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



This project will line the existing culvert and install a second one under 29th Street at the outlet to the Benson Park pond. The existing culvert is corrugated metal and is in the process of failing because of significant corrosion. The purpose of this project is to repair the crossing before the existing culvert collapses.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	700,000	0	0	0	0	0	700,000
1% for the Arts	7,000	0	0	0	0	0	7,000
Total	707,000	0	0	0	0	0	707,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Stormwater Fund Balance	707,000	0	0	0	0	0	707,000
Total	707,000	0	0	0	0	0	707,000

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SWA - Boyd Lake Outlet Ditch Improvements

REQUEST CODE

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

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



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

Capital Items

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

Funding Sources

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

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SW A- Dry Creek at 37th Street Improvements

REQUEST CODE

CIP-345-23-283-0000-19-069

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



This is a stream stabilization project from the Dry Creek Master Plan to improve, repair, stabilize, and protect the Dry Creek channel between Lincoln Avenue and Highway 287 along the proposed 37th Street extension. This project must be designed and constructed in conjunction with the proposed 37th Street extension and bridge over Dry Creek.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	1,760,000	0	0	0	0	0	1,760,000
1% for the Arts	17,600	0	0	0	0	0	17,600
Total	1,777,600	0	0	0	0	0	1,777,600

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Stormwater Fund Balance	1,777,600	0	0	0	0	0	1,777,600
Total	1,777,600	0	0	0	0	0	1,777,600

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SWA - Engineering, Surveying, Geotechnical Svcs.

REQUEST CODE

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

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



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

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	150,000	150,000	210,000	175,000	175,000	910,000	1,770,000
Total	150,000	150,000	210,000	175,000	175,000	910,000	1,770,000

Funding Sources

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

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SWA - Garfield & Harrison Outfall

REQUEST CODE

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

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



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

Capital Items

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

Funding Sources

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

Operating Budget

Expenses	2019	2020	2021	2022	2023	2024-2028	Total
O & M Ongoing	0	0	146,000	0	0	0	146,000
Total	0	0	146,000	0	0	0	146,000

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SWA - Hogback Basin Outfall

REQUEST CODE

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

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



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

Capital Items

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

Funding Sources

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

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SWA - Maintenance & Asset Management Projects

REQUEST CODE

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

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



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

Capital Items

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

Funding Sources

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

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SWA - Millennium SW 9th Subdivision Outfall

REQUEST CODE

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

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



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

Capital Items

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

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Stormwater Fund Balance	75,000	0	303,000	0	0	0	378,000
Total	75,000	0	303,000	0	0	0	378,000

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SWA - Silver Lake Improvements (North Phase)

REQUEST CODE

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

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



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

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	0	0	0	100,000	100,000
Total	0	0	0	0	0	100,000	100,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Stormwater Fund Balance	0	0	0	0	0	100,000	100,000
Total	0	0	0	0	0	100,000	100,000

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SWA - Silver Lake Improvements (South Phase)

REQUEST CODE

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

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



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

Capital Items

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

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Stormwater Fund Balance	0	100,000	474,700	0	0	0	574,700
Total	0	100,000	474,700	0	0	0	574,700

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SWA - South Loveland Outfall (Phase 3)

REQUEST CODE

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

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



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

Capital Items

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

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Stormwater Fund Balance	0	5,367,645	0	0	0	0	5,367,645
Total	0	5,367,645	0	0	0	0	5,367,645

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SWA - South Rist Benson Lake Outfall

REQUEST CODE

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

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



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

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	0	0	0	240,000	240,000
Total	0	0	0	0	0	240,000	240,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Stormwater Fund Balance	0	0	0	0	0	240,000	240,000
Total	0	0	0	0	0	240,000	240,000

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SWA - Stormwater Quality Retrofits

REQUEST CODE

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

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



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

Capital Items

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

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Stormwater Fund Balance	101,000	101,000	101,000	101,000	101,000	505,000	1,010,000
Total	101,000	101,000	101,000	101,000	101,000	505,000	1,010,000

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SWA - Wilson & Eisenhower Stormwater Improvements

REQUEST CODE

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

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



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

Capital Items

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

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Stormwater Fund Balance	0	0	0	0	0	2,764,850	2,764,850
Total	0	0	0	0	0	2,764,850	2,764,850

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SWA - Wilson Avenue Basin Master Plan Update

REQUEST CODE

CIP-345-23-283-0000-19-080

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



This project will update the 1986 Stormwater Master Plan for the Wilson Avenue drainage basin. It will include updating the basin characteristics, determining peak runoff rates, evaluating infrastructure alternatives, and recommending the best alternative to meet the Master Plan goals. A new storm sewer system, inlets, and stormwater quality improvements is anticipated from the Big Thompson River north to approximately 22nd Street in Wilson Avenue. The results of this master plan update will guide the future design of the Wilson & Eisenhower Improvements planned to begin in 2026.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	45,000	0	0	0	0	0	45,000
Total	45,000	0	0	0	0	0	45,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Stormwater Fund Balance	45,000	0	0	0	0	0	45,000
Total	45,000	0	0	0	0	0	45,000

**City of Loveland
Capital Improvement
Program**

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

REQUEST NAME

SWA - New & Replacement Equipment

REQUEST CODE

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

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



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

Capital Items

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

Funding Sources

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

Operating Budget

Expenses	2019	2020	2021	2022	2023	2024-2028	Total
O & M Ongoing	0	0	113,000	0	0	0	113,000
Total	0	0	113,000	0	0	0	113,000

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2019-2028 Water Utility Capital Program

	2019	2020	2021	2022	2023	Five Year Total	2024	2025	2026	2027	2028	Ten Year Total	
Revenue													
Beginning Balance	\$ 5,849,060	\$ 5,371,576	\$ 3,023,569	\$ 4,774,780	\$ 5,120,848	\$ 5,849,060	\$ 5,097,158	\$ 8,302,277	\$ 12,690,832	\$ 10,091,357	\$ 9,270,641	\$ 5,849,060	
A Operating Revenues	2,201,407	4,369,575	5,158,873	6,629,988	6,965,532	25,325,375	7,250,303	7,542,071	7,069,797	8,349,391	8,799,941	64,336,878	A
B SIF Revenues	2,341,834	2,422,228	2,543,468	2,671,151	2,804,327	12,783,007	2,943,421	3,422,814	3,588,854	3,761,737	3,924,581	30,424,414	B
C Aid to Construction	3,056,400	-	-	-	-	3,056,400	-	-	-	-	-	3,056,400	C
D Interest on Investments	\$157,930	\$161,150	\$84,970	\$128,920	\$143,380	676,350	\$168,210	\$290,580	\$469,570	\$383,470	\$361,550	2,349,730	D
E General Fund Contribution	\$750,000	\$750,000	\$750,000	\$0	\$0	2,250,000	\$0	\$0	\$0	\$0	\$0	2,250,000	E
F External Loan Receipts	\$0	\$4,000,000	\$0	\$0	\$0	4,000,000	\$13,000,000	\$0	\$0	\$0	\$5,000,000	22,000,000	F
G Internal Loan Repayment	(783,750)	(772,500)	(761,250)	-	-	(2,317,500)	-	-	-	-	-	(2,317,500)	G
H External Loan Repayment	(1,015,685)	(1,015,593)	(1,267,685)	(1,266,327)	(1,264,342)	(5,829,633)	(1,266,729)	(2,084,929)	(2,085,902)	(2,086,087)	(2,090,474)	(15,443,753)	H
Total Revenue	\$ 12,557,196	\$ 15,286,436	\$ 9,531,945	\$ 12,938,511	\$ 13,769,745	\$ 45,793,060	\$ 27,192,363	\$ 17,472,814	\$ 21,733,151	\$ 20,499,868	\$ 25,266,239	\$ 112,505,229	
Expenditures													
Capital Projects													
1 WA - 16" Mountain View Discharge in Boyd Lake Avenue	721,500	-	-	-	-	721,500	-	-	-	-	-	721,500	1
2 WA - 29th Street 5.0 MG Storage Tank #2	648,000	9,204,233	-	-	-	9,852,233	-	-	-	-	-	9,852,233	2
3 WA - 402 Waterline Extension	-	-	-	169,950	803,180	973,130	11,408,435	-	-	-	-	12,381,565	3
4 WA - Cold Storage Building	7,500	157,944	-	-	-	165,444	-	-	-	-	-	165,444	4
5 WA - Mod Valve Vault Rehabilitation	832,500	-	-	-	-	832,500	-	-	-	-	-	832,500	5
6 WA - Namaqua Hills Pump Station	10,000	681,795	-	-	-	691,795	-	-	-	-	-	691,795	6
7 WA - New Water Lines	-	-	695,560	3,625,592	3,081,620	7,402,772	812,690	612,580	6,877,668	-	-	15,705,710	7
8 WA - Oversizing & Extensions	75,000	78,190	81,510	84,970	88,590	408,260	92,350	96,280	100,370	104,630	109,080	910,970	8
9 WA - P1 Pump Replacement 29th Street	505,000	-	-	-	-	505,000	-	-	-	-	-	505,000	9
10 WA - P2 Water Pump Station & Discharge Piping	3,805,620	-	-	-	-	3,805,620	-	-	-	-	-	3,805,620	10
11 WA - Pump Stations & Water Tanks	-	-	-	56,650	177,170	233,820	2,050,190	-	-	767,310	10,465,000	13,516,320	11
12 WA - Right of Way Relocates	75,000	78,190	81,510	84,970	88,590	408,260	92,350	96,280	100,370	104,630	109,080	910,970	12
13 WA - Water Line Replacements	112,000	1,707,615	1,875,825	3,257,365	3,336,739	10,289,544	3,478,554	3,722,672	3,880,886	4,045,818	4,163,230	29,580,704	13
14 WA - Water Main Replacement Projects	-	33,360	710,771	-	-	744,131	-	-	417,530	5,930,609	-	7,092,270	14
15 WA - Water Meters	198,000	206,420	215,180	224,330	233,870	1,077,800	243,800	254,170	264,970	276,230	287,980	2,404,950	15
16 WA - Water Treatement Plant Expansion Projects	-	83,400	965,085	-	-	1,048,485	-	-	-	-	290,880	1,339,365	16
17 WA - Water Treatment Plant Improvements	-	-	-	313,836	862,827	1,176,663	683,397	-	-	-	-	1,860,060	17
18 WA - Water Treatment Plant Residual Storage Pad	15,000	31,720	131,724	-	-	178,444	-	-	-	-	-	178,444	18
Subtotal Capital Projects	\$ 7,005,120	\$ 12,262,867	\$ 4,757,165	\$ 7,817,663	\$ 8,672,586	\$ 40,515,401	\$ 18,861,766	\$ 4,781,982	\$ 11,641,794	\$ 11,229,227	\$ 15,425,250	102,455,420	
New & Replacement Equipment													
19 WA - Lab Equipment Replacement	25,000	-	-	-	-	25,000	28,320	-	-	-	-	53,320	19
20 WA - Vehicle Replacements	155,500	-	-	-	-	155,500	-	-	-	-	-	155,500	20
Subtotal New & Replacement Equipment	\$ 180,500	\$ -	\$ -	\$ -	\$ -	\$ 180,500	\$ 28,320	\$ -	\$ -	\$ -	\$ -	208,820	
Total Capital Projects & Equipment	\$ 7,185,620	\$ 12,262,867	\$ 4,757,165	\$ 7,817,663	\$ 8,672,586	\$ 40,695,901	\$ 18,890,086	\$ 4,781,982	\$ 11,641,794	\$ 11,229,227	\$ 15,425,250	\$ 102,664,240	
Reserve for Future Capital Projects	\$ 5,371,576	\$ 3,023,569	\$ 4,774,780	\$ 5,120,848	\$ 5,097,158	\$ 5,097,158	\$ 8,302,277	\$ 12,690,832	\$ 10,091,357	\$ 9,270,641	\$ 9,840,989	\$ 9,840,989	

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**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - 16" Mountain View Discharge in Boyd Lake Ave

REQUEST CODE

CIP-300-45-300-0000-19-174

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

16 Mtn View Discharge in Boyd Lake Ave

PROJECT PRIORITY #

1

PROJECT #

W1704D

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Install parallel discharge pipe from Mountain View Pump Station to existing 24" ductile iron pipe in Boyd Lake Avenue, north of Highway 34. It is expected that the waterline will be a 16" polyvinyl chloride waterline that will be directionally drilled beneath Highway 34 (500'). Portions of the remaining open cut (3,000') may be funded by development. Mountain View pump station was designed to have a 24" discharge pipe feeding the P8 zone. A 16" waterline was installed instead. Presently the pump station operates at flow rate of 3,500 gpm. The master plan flow rate is 12,600 gpm, which yields velocities over 20 fps and result in prohibitive headloss. The parallel line will meet master planned demand in the P8 zone.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	65,000	0	0	0	0	0	65,000
Construction	650,000	0	0	0	0	0	650,000
1% for the Arts	6,500	0	0	0	0	0	6,500
Total	721,500	0	0	0	0	0	721,500

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water SIF Fund Balance	721,500	0	0	0	0	0	721,500
Total	721,500	0	0	0	0	0	721,500

**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - 29th Street 5.0 MG Storage Tank #2

REQUEST CODE

CIP-300-45-300-0000-19-166

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

5.0 MG Water Storage 29th St Tank #2

PROJECT PRIORITY #

1

PROJECT #

W1904D

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The 29th Street steel tank is one of the most utilized storage facilities supporting over a quarter of the City's water customers. This project will provide a second 5.0 million gallon (MG) storage tank at this critical location.

The additional storage will offer redundancy and reliability for water customers in Northwest Loveland. As of 2015, the City is 3.5 MG short of required storage in the gravity zone (not including P8). This is based on American Water Works Association (AWWA) recommendations of having storage of 75% of max daily demand (MDD). This value does not include any dead storage in existing tanks.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	648,000	675,540	0	0	0	0	1,323,540
Construction	0	8,444,250	0	0	0	0	8,444,250
1% for the Arts	0	84,443	0	0	0	0	84,443
Total	648,000	9,204,233	0	0	0	0	9,852,233

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water Fund Balance	129,600	1,840,847	0	0	0	0	1,970,447
Water SIF Fund Balance	518,400	7,363,386	0	0	0	0	7,881,786
Total	648,000	9,204,233	0	0	0	0	9,852,233

**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - 402 Waterline Extension

REQUEST CODE

CIP-300-45-300-0000-19-175

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



As annexation and growth occurs along Colorado State Highway 402 the City anticipates extending water service along the corridor to meet demands.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	0	169,950	803,180	837,320	1,810,450
Construction	0	0	0	0	0	10,466,450	10,466,450
1% for the Arts	0	0	0	0	0	104,665	104,665
Total	0	0	0	169,950	803,180	11,408,435	12,381,565

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water SIF Fund Balance	0	0	0	169,950	803,180	11,408,435	12,381,565
Total	0	0	0	169,950	803,180	11,408,435	12,381,565

**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - Cold Storage Building

REQUEST CODE

CIP-300-45-300-0000-19-208

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Cold Storage Building

PROJECT PRIORITY #

1

PROJECT #

W1801D

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The building is needed to store the loader, boat, miscellaneous equipment, and supplies. Currently these items are stored outside, moving them inside should extend their life and improve working conditions for the employees.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	7,500	0	0	0	0	0	7,500
Construction	0	156,380	0	0	0	0	156,380
1% for the Arts	0	1,564	0	0	0	0	1,564
Total	7,500	157,944	0	0	0	0	165,444

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water Fund Balance	3,750	78,972	0	0	0	0	82,722
Water SIF Fund Balance	3,750	78,972	0	0	0	0	82,722
Total	7,500	157,944	0	0	0	0	165,444

**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - Modular Valve Vault Rehabilitation

REQUEST CODE

CIP-300-45-300-0000-19-178

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Mod Valve Vault Rehabilitation

PROJECT PRIORITY #

1

PROJECT #

W1802C

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



The existing City water transmission modulating valve vault will be rehabilitated to ensure it is safe, efficient, and robust for current and future water delivery. It is anticipated that a formal valve vault will be constructed, pipes properly abandoned, a second modulating valve installed, pipe coating, and additional safety improvements will be completed. The existing valve vault has abandoned live pipes kicked against walls, dangerous access, and works as a hydraulic bottleneck with all of the water used within the City passing through one 30" modulating valve.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	75,000	0	0	0	0	0	75,000
Construction	750,000	0	0	0	0	0	750,000
1% for the Arts	7,500	0	0	0	0	0	7,500
Total	832,500	0	0	0	0	0	832,500

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water Fund Balance	832,500	0	0	0	0	0	832,500
Total	832,500	0	0	0	0	0	832,500

**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - Namaqua Hills Pump Station

REQUEST CODE

CIP-300-45-300-0000-19-180

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Namaqua Hills Pump Station

PROJECT PRIORITY #

1

PROJECT #

W1911C

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Currently there is a pump station that feeds the upper loop of homes in the Namaqua Hills Subdivision. The pump station was built in 1962 and the components have reached the end of their useful life. The pumps, piping, and SCADA equipment is to be replaced to ensure reliable service to customers.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	10,000	50,040	0	0	0	0	60,040
Construction	0	625,500	0	0	0	0	625,500
1% for the Arts	0	6,255	0	0	0	0	6,255
Total	10,000	681,795	0	0	0	0	691,795

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water Fund Balance	10,000	681,795	0	0	0	0	691,795
Total	10,000	681,795	0	0	0	0	691,795

**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - New Water Lines

REQUEST CODE

CIP-300-45-300-0000-19-176

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



16" P8 Extension - \$2,478,130

The City's water system is comprised on numerous pressure zones. All water infrastructure east of Boyd Lake Avenue and north of East Eisenhower is in the PW water (pressure) Zone. There are currently two feeds (from the gravity pressure zone) into the zone in Boyd Lake Avenue. The water master plan calls for a third connection to the P8 zone crossing East Eisenhower at Rocky Mountain Ave. This project extends the required 16" waterline, along the south side of East Eisenhower, as development occurs along adjacent properties.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	369,520	539,310	344,900	1,191,250	2,444,980
Construction	0	0	326,040	3,059,090	2,716,640	7,048,590	13,150,360
1% for the Arts	0	0	0	27,192	20,080	63,098	110,370
Total	0	0	695,560	3,625,592	3,081,620	8,302,938	15,705,710

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water Fund Balance	0	0	63,470	646,261	437,733	1,704,150	2,851,615
Water SIF Fund Balance	0	0	632,090	2,979,331	2,643,887	6,598,788	12,854,095
Total	0	0	695,560	3,625,592	3,081,620	8,302,938	15,705,710

**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - Oversizing & Extensions

REQUEST CODE

CIP-300-45-300-0000-19-182

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

MISC OVERSIZING AND EXTENSIONS

PROJECT PRIORITY #

1

PROJECT #

W1207D

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



As development occurs the City through a reimbursement agreement funds capacity being built for master plan needs, that is in excess of what is specifically required for an individual development.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	75,000	78,190	81,510	84,970	88,590	502,710	910,970
Total	75,000	78,190	81,510	84,970	88,590	502,710	910,970

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water SIF Fund Balance	75,000	78,190	81,510	84,970	88,590	502,710	910,970
Total	75,000	78,190	81,510	84,970	88,590	502,710	910,970

**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - P1 Pump Replacement 29th Street

REQUEST CODE

CIP-300-45-300-0000-19-179

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

P1 Pump Replacement 29th St

PROJECT PRIORITY #

1

PROJECT #

W1910C

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The existing pump station situated at 29th St. and Cascade serves the P1 pressure zone. Currently there are two 50-hp and two 100-hp pumps in the pump station. Due to increased demand within the pressure zone the two 50-hp pumps are to be replaced with 100-hp pumps. This will ensure that current and future customers receive sufficient water pressure and supply.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	500,000	0	0	0	0	0	500,000
1% for the Arts	5,000	0	0	0	0	0	5,000
Total	505,000	0	0	0	0	0	505,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water Fund Balance	505,000	0	0	0	0	0	505,000
Total	505,000	0	0	0	0	0	505,000

**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - P2 Water Pump Station & Discharge Piping

REQUEST CODE

CIP-300-45-300-0000-19-177

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

P2 Water Pump Station & Discharge Piping

PROJECT PRIORITY #

1

PROJECT #

W1706D

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Pay for a portion (~25%) of pumping improvements at the 29th Street pump station to feed approved development within the P2 zone. Future development within the P2 zone will require the 29th Street pump station to be constructed. The pump station will be located adjacent to the existing P1 pump station. The City is responsible for a portion of the work through a development agreement. To facilitate this there may be additional piping that needs to be completed by the City. The project will be financed primarily (~75%) by developers who need the station constructed to serve future development in the P2 pressure zone.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	309,000	0	0	0	0	0	309,000
Construction	3,462,000	0	0	0	0	0	3,462,000
1% for the Arts	34,620	0	0	0	0	0	34,620
Total	3,805,620	0	0	0	0	0	3,805,620

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water Fund Balance	720,920	0	0	0	0	0	720,920
Water SIF Fund Balance	3,084,700	0	0	0	0	0	3,084,700
Total	3,805,620	0	0	0	0	0	3,805,620

**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - Pump Stations & Water Tanks

REQUEST CODE

CIP-300-45-300-0000-19-181

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



Please see next page for Description.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	0	56,650	177,170	2,750,230	2,984,050
Construction	0	0	0	0	0	10,427,990	10,427,990
1% for the Arts	0	0	0	0	0	104,280	104,280
Total	0	0	0	56,650	177,170	13,282,500	13,516,320

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water Fund Balance	0	0	0	56,650	88,585	3,358,822	3,504,057
Water SIF Fund Balance	0	0	0	0	88,585	9,923,678	10,012,263
Total	0	0	0	56,650	177,170	13,282,500	13,516,320

**City of Loveland
Capital Improvement
Program**

Description

Morning Drive Pump Station - \$2,284,010

The Morning Drive Pump Station was constructed in 1976. The station delivers water to the 29th Street storage tank, which serves over a quarter of the City's customers. This project will upgrade the Morning Drive Pump Station (pumps, piping, valves, controls, Motor Control Center (MCC) etc.).

Equipment is aging and the pump station will require an upgrade to re-size facilities to meet the needs of the City's growing system. Existing MCCs are over 30 years old and are becoming obsolete. If there is a MCC failure, we will have to try and find parts and pay a premium for them. The MCCs are critical to the pumps at Morning Drive running and supplying water to the 29th Street tank

Southwest Booster Station - \$290,880

Build a water pump station at a to-be-determined location within the southwest portion of the City. To meet the increasing water demands and meet minimum pressure requirements within the City, a water pump station will be necessary. The water pump station will help move water to the east side of the City.

3.5 Million Gallon Storage Tank at 43rd Street (Tank #2) - \$707,420

Build a second tank at the 43rd Street site. To meet the increasing water demands in the P1 pressure zone that are a result of increased population in the northwest portion of the City.

2.0 Million Gallon Storage Tank at Dakota Ridge - \$10,234,010

A 2.0 MG storage tank is needed to meet future demands in the P2 Zone. The timing of the tank is estimated based on the proposed development in the area. The additional water storage will allow the proposed 29th Street pump station P2 expansion to operate more efficiently, rather than having existing pumps running continuously.

**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - Right of Way Relocates

REQUEST CODE

CIP-300-45-300-0000-19-171

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Right of Way Relocates

PROJECT PRIORITY #

1

PROJECT #

W1902C

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



These funds are budgeted for Right of Way relocates.

Projects included are typically waterline relocates or system improvements that arise from development or become known through other capital projects (such as street widening).

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	75,000	78,190	81,510	84,970	88,590	502,710	910,970
Total	75,000	78,190	81,510	84,970	88,590	502,710	910,970

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water Fund Balance	75,000	78,190	81,510	84,970	88,590	502,710	910,970
Total	75,000	78,190	81,510	84,970	88,590	502,710	910,970

**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - Waterline Replacement

REQUEST CODE

CIP-300-45-300-0000-19-172

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Waterline Replacement

PROJECT PRIORITY #

1

PROJECT #

W1903C

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Replace aging water infrastructure. Typically, most communities face increasing replacement costs as the age of installed infrastructure advances. After decades, water pipes, valves, and fire hydrants reach the end of their service life and require increasing maintenance and rehabilitation costs. In some cases, these costs can become unacceptably high and the utility is best served by replacing this infrastructure.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	112,000	233,520	339,080	396,550	354,340	2,366,640	3,802,130
Construction	0	1,459,500	1,521,530	2,832,490	2,952,870	16,756,950	25,523,340
1% for the Arts	0	14,595	15,215	28,325	29,529	167,570	255,234
Total	112,000	1,707,615	1,875,825	3,257,365	3,336,739	19,291,160	29,580,704

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water Fund Balance	112,000	1,707,615	1,875,825	3,257,365	3,336,739	19,291,160	29,580,704
Total	112,000	1,707,615	1,875,825	3,257,365	3,336,739	19,291,160	29,580,704

**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - Water Main Replacement Projects

REQUEST CODE

CIP-300-45-300-0000-19-173

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



Please see next page for Description.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	33,360	52,170	0	0	852,800	938,330
Construction	0	0	652,080	0	0	5,440,930	6,093,010
1% for the Arts	0	0	6,521	0	0	54,409	60,930
Total	0	33,360	710,771	0	0	6,348,139	7,092,270

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water Fund Balance	0	33,360	710,771	0	0	6,348,139	7,092,270
Total	0	33,360	710,771	0	0	6,348,139	7,092,270

**City of Loveland
Capital Improvement
Program**

Description

24" & 48" Cathodic Protection - \$507,207 Metallic pipe materials are susceptible to corrosion in the right environment. This project includes installing anodes on both transmission mains as a source metal (as opposed to the pipe) for any corrosion cell that may form along the pipeline. These anodes are typically magnesium, which is more active (has a higher negative potential) than the protected pipe. The existing waterlines have little or no anode protection left based on field readings. Therefore, corrosion is and will continue on the mains.

34" Water Line Valve Insertions - \$236,924 Study and implementation of improvements, primarily the insertion of butterfly valves, for isolation, of the 34" steel waterline that runs along the Arkin's Branch railroad. Additional assessment of the pipe's condition and possible cathodic protection improvements. The existing 34" steel waterline, installed in 1962, has no isolation valves from Namaqua Avenue to N. Colorado Avenue (~10,000 ft). From the Riverview Drive junction vault (east of Rossum Drive), there is one isolation valve prior to Namaqua Avenue. The aging transmission line feeds numerous distribution lines and presently is very difficult if not impossible to isolate for repairs.

36" Transmission Line Relining - \$6,348,139 The City's existing 36" steel water transmission main was constructed in 1962 and is showing signs of significant deterioration from external corrosion. Staff has made numerous repairs and pipe river crossing replacements completed in 2015 have shown significant external corrosion where the pipe was laid on bedrock and backfilled with native cobbles. In 2016 significant leakage out of the pipe due to corrosion holes was verified through the use of a free swimming inspection tool. Lining of the deteriorating 36" steel waterline will reduce risk of catastrophic failure, decrease repairs, reduce water loss, and extend the assets useful life for decades to come.

**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - Water Meters

REQUEST CODE

CIP-300-45-300-0000-19-207

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

WATER METERS

PROJECT PRIORITY #

1

PROJECT #

WA900

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



These funds are budgeted for Water Meters for new construction and for replacement of old meters.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	198,000	206,420	215,180	224,330	233,870	1,327,150	2,404,950
Total	198,000	206,420	215,180	224,330	233,870	1,327,150	2,404,950

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water Fund Balance	198,000	206,420	215,180	224,330	233,870	1,327,150	2,404,950
Total	198,000	206,420	215,180	224,330	233,870	1,327,150	2,404,950

**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - Water Treatment Plant Expansion Projects

REQUEST CODE

CIP-300-45-300-0000-19-210

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



Sedimentation #2 Sludge Collection Rehabilitation - \$1,048,485

Replace the components of the #2 Sedimentation Sludge Collection Station.

Water Treatment Plant Expansion Phase 3 (38 to 46 million gallons per day) - \$290,880

This project will be driven by growth so the timing is not known at this time. The project will include increasing plant capacity from 38 MGD to 46 MGD. The primary improvements necessary for this re-rating will be the addition of a new Flocculation/Sedimentation Building, eight additional filters added on to Filter Building 4A, and additional solids handling capacity (sand beds or ponds).

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	83,400	86,940	0	0	290,880	461,220
Construction	0	0	869,450	0	0	0	869,450
1% for the Arts	0	0	8,695	0	0	0	8,695
Total	0	83,400	965,085	0	0	290,880	1,339,365

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water Fund Balance	0	83,400	965,085	0	0	58,176	1,106,661
Water SIF Fund Balance	0	0	0	0	0	232,704	232,704
Total	0	83,400	965,085	0	0	290,880	1,339,365

**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - Water Treatment Plant Improvements

REQUEST CODE

CIP-300-45-300-0000-19-211

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



Admin/Office Renovation - \$742,457

This project includes a major renovation of the existing Water Treatment Plant administration building, which was originally built in 1980, and portions of the former chemical building (which is adjacent). The improvements will include new office space, a conference/training room, new break room, new restrooms, and other miscellaneous improvements.

Pre-Soda Ash System Rehab - \$413,423

With the recent WTP expansion project a new chemical building and chemical feed system were put into

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	0	84,970	87,410	61,570	233,950
Construction	0	0	0	226,600	767,740	615,670	1,610,010
1% for the Arts	0	0	0	2,266	7,677	6,157	16,100
Total	0	0	0	313,836	862,827	683,397	1,860,060

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water Fund Balance	0	0	0	313,836	862,827	683,397	1,860,060
Total	0	0	0	313,836	862,827	683,397	1,860,060

**City of Loveland
Capital Improvement
Program**

300-45-300-0000-300-BF-Executive

REQUEST NAME

WA - Water Treatment Plant Residual Storage Pad

REQUEST CODE

CIP-300-45-300-0000-19-209

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

WTP Residual Storage Pad

PROJECT PRIORITY #

1

PROJECT #

W1905C

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



As water is treated at the Water Treatment Plant (WTP) residuals are generated through the process. These are solids that come off of the filters or are suspended in the water and removed through the use of coagulants to in the sedimentation process. The storage pad will allow the treatment plant to store residuals longer where they can be dried and then properly disposed of.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	15,000	31,720	0	0	0	0	46,720
Construction	0	0	130,420	0	0	0	130,420
1% for the Arts	0	0	1,304	0	0	0	1,304
Total	15,000	31,720	131,724	0	0	0	178,444

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Water Fund Balance	15,000	31,720	131,724	0	0	0	178,444
Total	15,000	31,720	131,724	0	0	0	178,444

2019-2028 Wastewater Utility Capital Program

	2019	2020	2021	2022	2023	Five Year Total	2024	2025	2026	2027	2028	Ten Year Total	
Revenue													
Beginning Balance	\$ 4,895,438	\$ 4,702,663	\$ 5,949,051	\$ 7,019,198	\$ 5,037,799	\$ 4,895,438	\$ 6,857,708	\$ 5,308,392	\$ 6,435,003	\$ 8,158,991	\$ 11,172,095	4,895,438	
A Operating Revenues	5,311,399	5,343,101	6,247,022	7,043,890	8,239,970	\$ 32,185,382	7,604,700	7,916,500	8,237,040	8,565,390	8,896,190	73,405,202	A
B SIF Revenue	2,774,324	1,271,603	1,338,744	10,909,430	1,483,143	\$ 17,777,244	19,270,118	1,823,958	1,917,345	2,014,555	2,114,678	44,917,898	B
C Interest on Investments	41,502	59,285	77,034	77,296	99,147	\$ 354,264	86,513	132,125	139,193	138,676	168,879	1,019,650	C
D Loan Repayments	(2,654,570)	(1,685,773)	(1,688,714)	(5,000,665)	(3,289,858)	\$ (14,319,579)	(2,256,190)	(3,372,802)	(3,373,552)	(3,372,657)	(3,455,119)	(30,149,898)	D
Total Revenue	\$ 10,368,093	\$ 9,690,880	\$ 11,923,138	\$ 20,049,149	\$ 11,570,201	\$ 40,892,749	\$ 31,562,849	\$ 11,808,173	\$ 13,355,030	\$ 15,504,955	\$ 18,896,724	\$ 94,088,290	
Expenditures													
Capital Projects													
1 WW - 43rd Street Sewer Solution	-	-	119,550	1,383,393	-	1,502,943	-	-	-	-	-	1,502,943	1
2 WW - Abandon WWTP Sewer Re-route	28,000	397,719	-	-	-	425,719	-	-	-	-	-	425,719	2
3 WW - Bus Barn & Taft Lift Station Renovation	-	1,099,324	-	-	-	1,099,324	-	-	-	-	-	1,099,324	3
4 WW - East 1st Street (FM) Discharge Vault	-	294,516	-	-	-	294,516	-	-	-	-	-	294,516	4
5 WW - East Side Lift Station 3rd Pump Install	-	31,280	361,900	-	-	393,180	-	-	-	-	-	393,180	5
6 WW - East Side Lift Station Overflow Vault	-	-	-	-	-	-	-	89,860	1,039,808	-	-	1,129,668	6
7 WW - Highway 402 Wastewater Main Extension	-	-	-	-	1,358,320	1,358,320	15,718,145	-	-	-	-	17,076,465	7
8 WW - Miscellaneous Oversizing & Extensions Projects	75,750	78,972	82,325	85,820	89,476	412,343	93,274	97,243	101,374	105,676	110,171	920,081	8
9 WW - Miscellaneous Sewer Line Rehabilitation Projects	-	1,052,925	1,646,512	1,087,114	2,385,923	6,172,474	4,352,807	5,186,067	4,054,857	4,227,183	-	23,993,387	9
10 WW - Mountain Pacific Oversizing Construct	50,000	-	-	-	-	50,000	-	-	-	-	-	50,000	10
11 WW - North Horseshoe Lift Station Upgrades	-	104,250	1,206,358	-	-	1,310,608	-	-	-	-	-	1,310,608	11
12 WW - Southside Lift Station Generator	-	-	-	45,320	524,435	569,755	-	-	-	-	-	569,755	12
13 WW - Upper Boyd Basin Sanitary Sewer	-	-	576,010	6,665,419	-	7,241,429	-	-	-	-	-	7,241,429	13
14 WW - WWTP Admin Remodel	-	578,593	-	-	-	578,593	-	-	-	-	-	578,593	14
15 WW - WWTP Digested Sludge Dewatering	-	-	-	-	-	-	-	-	-	-	1,352,590	1,352,590	15
16 WW - WWTP Final Clarifier #4 and RAS/Scum	-	-	-	-	-	-	-	-	-	-	727,200	727,200	16
17 WW - WWTP Primary Clarifier #3 & Trickling Filter Demolition	-	-	-	-	-	-	-	-	-	-	436,320	436,320	17
18 WW - WWTP Primary Clarifier Odor Control	-	-	-	84,970	354,340	439,310	6,090,232	-	-	-	-	6,529,542	18
19 WW - WWTP Rehabilitate Digester 1 & 2	-	-	489,060	5,659,315	-	6,148,375	-	-	-	-	-	6,148,375	19
20 WW - WWTP Security Upgrades (cameras/recording device)	-	104,250	-	-	-	104,250	-	-	-	-	-	104,250	20
21 WW - WWTP Upgrade PLC Processors	-	-	422,224	-	-	422,224	-	-	-	-	-	422,224	21
22 WW - WWTP New Water Quality Lab	5,400,000	-	-	-	-	5,400,000	-	-	-	-	-	5,400,000	22
Subtotal Capital Projects	\$ 5,553,750	\$ 3,741,828	\$ 4,903,940	\$ 15,011,350	\$ 4,712,494	\$ 33,923,361	\$ 26,254,457	\$ 5,373,170	\$ 5,196,038	\$ 4,332,860	\$ 2,626,281	77,706,167	
New & Replacement Equipment													
23 WW - Copier Replacement	12,680	-	-	-	-	12,680	-	-	-	-	-	12,680	23
24 WW - Repl Veh #5122-2003 4WD PU/Utility Box/Crane-Tech Svcs	99,000	-	-	-	-	99,000	-	-	-	-	-	99,000	24
Subtotal New & Replacement Equipment	\$ 111,680	\$ -	\$ -	\$ -	\$ -	\$ 111,680	\$ -	\$ -	\$ -	\$ -	\$ -	111,680	
Total Capital Projects & Equipment	\$ 5,665,430	\$ 3,741,828	\$ 4,903,940	\$ 15,011,350	\$ 4,712,494	\$ 34,035,041	\$ 26,254,457	\$ 5,373,170	\$ 5,196,038	\$ 4,332,860	\$ 2,626,281	\$ 77,817,847	
Reserve for Future Capital Projects	\$ 4,702,663	\$ 5,949,051	\$ 7,019,198	\$ 5,037,799	\$ 6,857,708	\$ 6,857,708	\$ 5,308,392	\$ 6,435,003	\$ 8,158,991	\$ 11,172,095	\$ 16,270,443	\$ 16,270,443	

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**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - 43rd Street Sewer Solution

REQUEST CODE

CIP-46-19-184

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



Upsize sanitary sewer in 43rd Street east of Loudon Ditch and west of Taft Avenue.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	119,550	124,630	0	0	244,180
Construction	0	0	0	1,246,300	0	0	1,246,300
1% for the Arts	0	0	0	12,463	0	0	12,463
Total	0	0	119,550	1,383,393	0	0	1,502,943

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater Fund Balance	0	0	11,955	138,340	0	0	150,295
Wastewater SIF Fund Balance	0	0	107,595	1,245,053	0	0	1,352,648
Total	0	0	119,550	1,383,393	0	0	1,502,943

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - Abandon WWTP Sewer Re-route

REQUEST CODE

CIP-46-19-187

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Abandon WWTP Sewer Re-route

PROJECT PRIORITY #

1

PROJECT #

W1901G

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The City has an abandoned wastewater treatment plant located at Railroad Ave. and 3rd St. SE. There is an existing active 15" sanitary sewer that runs through the abandoned plant and poses a safety concern. This project will re-route the sanitary sewer out and around the abandoned plant site.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	28,000	29,190	0	0	0	0	57,190
Construction	0	364,880	0	0	0	0	364,880
1% for the Arts	0	3,649	0	0	0	0	3,649
Total	28,000	397,719	0	0	0	0	425,719

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Fund Balance	28,000	397,719	0	0	0	0	425,719
Total	28,000	397,719	0	0	0	0	425,719

**City of Loveland
Capital Improvement
Program**

315-45-300-0000-315-BF-Executive

REQUEST NAME

WW - Bus Barn & Taft Lift Station Renovation

REQUEST CODE

CIP-315-45-300-0000-19-165

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Bus Barn & Taft Lift Station Renovation

PROJECT PRIORITY #

1

PROJECT #

W1703G

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



The Bus Barn electric service includes single phase power converted to 3-phase. The back-up generator is also single phase, requiring a phase converter to operate this station from the grid or generator. This project includes running 3-phase power to the facility and modifying the generator to 3-phase (or generator replacement if necessary). The Taft Lift Station needs new rails, wetwell coating, and new hatch/lid.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	99,040	0	0	0	0	99,040
Construction	0	990,380	0	0	0	0	990,380
1% for the Arts	0	9,904	0	0	0	0	9,904
Total	0	1,099,324	0	0	0	0	1,099,324

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater Fund Balance	0	1,099,324	0	0	0	0	1,099,324
Total	0	1,099,324	0	0	0	0	1,099,324

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - East 1st Street (FM) Discharge Vault

REQUEST CODE

CIP-46-19-188

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



The Eastside sanitary sewer lift station has two forcemains which discharge into a vault before flowing via gravity through the collection system. The vault's condition is worsening due to H2S gas (from sewer gases) and will need repaired and/or replaced.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	31,280	0	0	0	0	31,280
Construction	0	260,630	0	0	0	0	260,630
1% for the Arts	0	2,606	0	0	0	0	2,606
Total	0	294,516	0	0	0	0	294,516

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater Fund Balance	0	294,516	0	0	0	0	294,516
Total	0	294,516	0	0	0	0	294,516

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - East Side Lift Station 3rd Pump Install

REQUEST CODE

CIP-46-19-183

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



Install a 3rd submersible pump and equipment necessary for the pump to operate at the East Side Lift Station.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	31,280	32,600	0	0	0	63,880
Construction	0	0	326,040	0	0	0	326,040
1% for the Arts	0	0	3,260	0	0	0	3,260
Total	0	31,280	361,900	0	0	0	393,180

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater SIF Fund Balance	0	31,280	361,900	0	0	0	393,180
Total	0	31,280	361,900	0	0	0	393,180

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - East Side Lift Station Overflow Vault

REQUEST CODE

CIP-46-19-170

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



The Eastside Lift Station has an overflow pond situated next to it should there ever be a backup of sanitary sewer flows. It is the City's desire to convert this pond into a concrete vault to serve the same purpose. The vault would allow for better cleaning and less environmental impact in the event of an overflow discharge.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	0	0	0	183,540	183,540
Construction	0	0	0	0	0	936,760	936,760
1% for the Arts	0	0	0	0	0	9,368	9,368
Total	0	0	0	0	0	1,129,668	1,129,668

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater Fund Balance	0	0	0	0	0	564,834	564,834
Wastewater SIF Fund Balance	0	0	0	0	0	564,834	564,834
Total	0	0	0	0	0	1,129,668	1,129,668

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - Highway 402 Wastewater Main Extension

REQUEST CODE

CIP-46-19-185

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



This project includes the design and construction of a new wastewater main and lift station. The main(s) will be designed to maximize gravity flow, but will need a regional lift station to collect wastewater. A condition of annexation was agreed upon for the Olson Annexation that the City would provide wastewater service to the Annexation upon development.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	0	0	1,358,320	1,416,050	2,774,370
Construction	0	0	0	0	0	14,160,490	14,160,490
1% for the Arts	0	0	0	0	0	141,605	141,605
Total	0	0	0	0	1,358,320	15,718,145	17,076,465

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater SIF Fund	0	0	0	0	1,358,320	15,718,145	17,076,465
Balance	0	0	0	0	0	0	0
Total	0	0	0	0	1,358,320	15,718,145	17,076,465

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - Miscellaneous Oversizing & Extension Projects

REQUEST CODE

CIP-46-19-189

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

MOUNTAIN PACIFIC OVERSIZING CONSTRUCT

PROJECT PRIORITY #

1

PROJECT #

W1933H

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



As development occurs, private developers design and install wastewater infrastructure to serve their project. When the City anticipates additional capacity is desired to serve wastewater needs above and beyond that which is related to the proposed development, the Utility may require a larger pipeline to be installed by the Developer. The Utility reimburses the Developer for these increased costs through the Extension and Oversizing Program. Future wastewater main alignment and sizes have been planned for in the Water/Wastewater Master Plan.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Oversizing Agreements (W&P)	75,000	78,190	81,510	84,970	88,590	502,710	910,970
1% for the Arts	750	782	815	850	886	5,028	9,111
Total	75,750	78,972	82,325	85,820	89,476	507,738	920,081

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater SIF Fund Balance	75,750	78,972	82,325	85,820	89,476	507,738	920,081
Total	75,750	78,972	82,325	85,820	89,476	507,738	920,081

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - Misc. Sewer Line Rehabilitation Projects

REQUEST CODE

CIP-46-19-193

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



Replacing aging infrastructure is a growing need within the utility. Typically, most communities face increasing rehabilitation costs as the age of installed infrastructure advances.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	0	1,042,500	1,630,210	1,076,350	2,362,300	17,644,470	23,755,830
1% for the Arts	0	10,425	16,302	10,764	23,623	176,444	237,558
Total	0	1,052,925	1,646,512	1,087,114	2,385,923	17,820,914	23,993,388

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater Fund Balance	0	1,052,925	1,646,512	1,087,114	2,385,923	17,820,914	23,993,388
Total	0	1,052,925	1,646,512	1,087,114	2,385,923	17,820,914	23,993,388

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - Mountain Pacific Oversizing

REQUEST CODE

CIP-46-19-198

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

MOUNTAIN PACIFIC OVERSIZING CONSTRUCT

PROJECT PRIORITY #

1

PROJECT #

W1933H

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



The City is responsible for reimbursing a developer for the Master Plan capacity, that exceeds that of the individual development, of installed sewer. In this case the Developer was required to build a larger diameter sewer than was needed for their development to allow for future growth in the area. The City funds this oversizing.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Oversizing Agreements (W&P)	50,000	0	0	0	0	0	50,000
Total	50,000	0	0	0	0	0	50,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater SIF Fund Balance	50,000	0	0	0	0	0	50,000
Total	50,000	0	0	0	0	0	50,000

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - North Horseshoe Lift Station Upgrades

REQUEST CODE

CIP-46-19-168

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



This is an aging lift station located near Horseshoe Lake. Proposed improvements are not exactly known at this time, but will likely include: emergency overflow storage, lining of existing wetwell, and replacement of piping, valves, and controls.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	104,250	108,680	0	0	0	212,930
Construction	0	0	1,086,810	0	0	0	1,086,810
1% for the Arts	0	0	10,868	0	0	0	10,868
Total	0	104,250	1,206,358	0	0	0	1,310,608

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater Fund Balance	0	104,250	1,206,358	0	0	0	1,310,608
Total	0	104,250	1,206,358	0	0	0	1,310,608

**City of Loveland
Capital Improvement
Program**

315-46-310-2904-315-WP-Engineering-Collection System

REQUEST NAME

WW - Southside Lift Station Generator

REQUEST CODE

CIP-315-46-310-2904-19-169

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



Install an emergency generator at the Southside Lift Station.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	0	45,320	47,250	0	92,570
Construction	0	0	0	0	472,460	0	472,460
1% for the Arts	0	0	0	0	4,725	0	4,725
Total	0	0	0	45,320	524,435	0	569,755

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Fund Balance	0	0	0	45,320	524,435	0	569,755
Total	0	0	0	45,320	524,435	0	569,755

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - Upper Boyd Basin Sanitary Sewer

REQUEST CODE

CIP-46-19-186

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



Replace and upsize approximately 6,700 feet of sanitary sewer interceptor in the upper portion of the Old Boyd Basin. The undersized segment is mainly between Wilson and Taft.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	576,010	600,490	0	0	1,176,500
Construction	0	0	0	6,004,880	0	0	6,004,880
1% for the Arts	0	0	0	60,049	0	0	60,049
Total	0	0	576,010	6,665,419	0	0	7,241,429

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater Fund Balance	0	0	57,601	666,542	0	0	724,143
Wastewater SIF Fund Balance	0	0	518,409	5,998,877	0	0	6,517,286
Total	0	0	576,010	6,665,419	0	0	7,241,429

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - Admin Remodel

REQUEST CODE

CIP-46-19-194

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



The existing wastewater treatment plant administration area is in need of updating. The flooring and wall covers are in need of replacement and the old, and no longer in service, annunciator (SCADA) panel and associated wiring needs to be removed.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	52,130	0	0	0	0	52,130
Construction	0	521,250	0	0	0	0	521,250
1% for the Arts	0	5,213	0	0	0	0	5,213
Total	0	578,593	0	0	0	0	578,593

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater Fund Balance	0	578,593	0	0	0	0	578,593
Total	0	578,593	0	0	0	0	578,593

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - Digested Sludge Dewatering

REQUEST CODE

CIP-46-19-204

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



This project is in the area of the Waste Activated Sludge (WAS) thickening building and will incorporate centrifuges or related technology for dewatering and solids cake loading into biosolids hauling trucks.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	0	0	0	1,352,590	1,352,590
Total	0	0	0	0	0	1,352,590	1,352,590

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater Fund Balance	0	0	0	0	0	1,014,443	1,014,443
Wastewater SIF Fund Balance	0	0	0	0	0	338,148	338,148
Total	0	0	0	0	0	1,352,591	1,352,591

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - Final Clarifier #4 & RAS/Scum

REQUEST CODE

CIP-46-19-203

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



This project includes construction of a fourth final clarifier (90' diameter, 16' sidewater depth).

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	0	0	0	727,200	727,200
Total	0	0	0	0	0	727,200	727,200

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater Fund Balance	0	0	0	0	0	145,440	145,440
Wastewater SIF Fund Balance	0	0	0	0	0	581,760	581,760
Total	0	0	0	0	0	727,200	727,200

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - Primary Clarifier #3 & Trickling Filter Demo

REQUEST CODE

CIP-46-19-201

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



This project is for the demolition of the existing trickling filter basins and construction of a third primary clarifier to increase capacity of the primary treatment system to 12 MGD. The primary clarifier will be constructed in the area now occupied by the decommissioned trickling filters.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	0	0	0	436,320	436,320
Total	0	0	0	0	0	436,320	436,320

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater Fund Balance	0	0	0	0	0	87,264	87,264
Wastewater SIF Fund Balance	0	0	0	0	0	349,056	349,056
Total	0	0	0	0	0	436,320	436,320

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - Primary Clarifier Odor Control

REQUEST CODE

CIP-46-19-205

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



In an effort to reduce odors from the WWTP the Department will cover the primary clarifiers and other associated odor causing processes. As a result of covering the clarifiers some equipment and surface coatings will have to be replaced or rehabilitated to combat resulting sewer gases.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	0	84,970	354,340	369,400	808,710
Construction	0	0	0	0	0	5,664,190	5,664,190
1% for the Arts	0	0	0	0	0	56,642	56,642
Total	0	0	0	84,970	354,340	6,090,232	6,529,542

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater Fund Balance	0	0	0	84,970	354,340	6,090,232	6,529,542
Total	0	0	0	84,970	354,340	6,090,232	6,529,542

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - Rehabilitate Digester 1 & 2

REQUEST CODE

CIP-46-19-200

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



Rehabilitate existing digester and controls.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	489,060	509,850	0	0	998,910
Construction	0	0	0	5,098,480	0	0	5,098,480
1% for the Arts	0	0	0	50,985	0	0	50,985
Total	0	0	489,060	5,659,315	0	0	6,148,375

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater Fund Balance	0	0	489,060	5,659,315	0	0	6,148,375
Total	0	0	489,060	5,659,315	0	0	6,148,375

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - Security Upgrades (cameras/recording device)

REQUEST CODE

CIP-46-19-257

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

WASTEWATER GENERAL PLANT

PROJECT PRIORITY #

1

PROJECT #

WW930

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Security upgrades @ WWTP - cameras, recording devices, etc.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Other Capital	0	104,250	0	0	0	0	104,250
Total	0	104,250	0	0	0	0	104,250

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater Fund Balance	0	104,250	0	0	0	0	104,250
Total	0	104,250	0	0	0	0	104,250

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - Upgrade PLC Processors

REQUEST CODE

CIP-46-19-199

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



Replace 7 Allen Bradley SLC 500 PLCs with new Allen Bradley Controllogix PLC controllers. Project includes programming and integration for transition from RSLogix 500 to RSLogix 5000 and replacement of existing SLC level I/O.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	0	38,040	0	0	0	38,040
Construction	0	0	380,380	0	0	0	380,380
1% for the Arts	0	0	3,804	0	0	0	3,804
Total	0	0	422,224	0	0	0	422,224

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater Fund Balance	0	0	422,224	0	0	0	422,224
Total	0	0	422,224	0	0	0	422,224

**City of Loveland
Capital Improvement
Program**

46-Water/Waste Operations

REQUEST NAME

WW - New Water Quality Lab

REQUEST CODE

CIP-46-19-202

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

WWTP Lab Building & Admin Remodel

PROJECT PRIORITY #

1

PROJECT #

W1702H

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



This project consists of a new water quality lab building for water and wastewater laboratory analysis. The Atomic Absorption (AA) is 9+ years old and needs to be replaced and updated, as part of a new lab. Additionally, minor improvements to the Wastewater Treatment Plant administration area are included.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	350,000	0	0	0	0	0	350,000
Construction	5,000,000	0	0	0	0	0	5,000,000
1% for the Arts	50,000	0	0	0	0	0	50,000
Total	5,400,000	0	0	0	0	0	5,400,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Wastewater Fund Balance	4,050,000	0	0	0	0	0	4,050,000
Wastewater SIF Fund Balance	1,350,000	0	0	0	0	0	1,350,000
Total	5,400,000	0	0	0	0	0	5,400,000

2019-2028 Raw Water Utility Capital Program

	2019		2020		2021		2022		2023		Five Year Total		2024		2025		2026		2027		2028		Ten Year Total			
Revenue																										
Beginning Balance		\$	22,293,614	\$	5,853,944	\$	4,771,992	\$	4,238,129	\$	3,247,848	22,293,614	\$	3,011,746	\$	2,834,419	\$	2,708,588	\$	2,636,690	\$	2,618,739	\$	2,618,739	22,293,614	
A	Transfer from Water Rates		533,990		579,980		634,470		694,000		727,170	3,169,610		761,600		797,420		834,590		873,060		912,400		912,400	7,348,680	A
B	Raw Water Devlpmt Fees/Cap Rec Srchg		484,188		366,772		373,301		403,946		410,934	2,039,140		417,879		424,815		431,697		438,475		444,921		444,921	4,196,928	B
C	Cash-in-Lieu		227,167		229,440		233,520		237,680		241,790	1,169,597		245,880		249,960		254,010		258,000		261,790		261,790	2,439,237	C
D	Hi-Use Surcharge		73,118		73,850		75,160		76,500		77,820	376,448		79,140		80,450		81,750		83,030		84,250		84,250	785,068	D
E	Native Raw Water Storage Fee		196,876		198,840		202,380		205,980		209,540	1,013,616		213,080		216,620		220,130		223,590		226,880		226,880	2,113,916	E
F	Transfer from General Funds		1,026		1,030		1,030		1,030		1,030	5,146		1,030		1,030		1,030		1,030		1,030		1,030	10,296	F
G	Interest on Investments		300,965		175,620		133,620		114,430		90,940	815,575		99,390		99,200		100,220		100,190		102,130		102,130	1,316,705	G
H	Water Loan Payments Received		-		-		-		-		-	-		-		-		-		-		-		-	-	H
I	External Loan		37,560,000		-		-		-		-	37,560,000		-		-		-		-		-		-	37,560,000	I
J	External Loan Payment		-		(1,495,054)		(1,495,054)		(1,995,326)		(1,995,326)	(6,980,760)		(1,995,326)		(1,995,326)		(1,995,326)		(1,995,326)		(1,995,326)		(1,995,326)	(16,957,390)	J
Total Revenue		\$	61,670,944	\$	5,984,422	\$	4,930,419	\$	3,976,368	\$	3,011,746	\$	61,461,986	\$	2,834,419	\$	2,708,588	\$	2,636,690	\$	2,618,739	\$	2,656,813	\$	61,107,053	
Expenditures																										
Capital Projects																										
1	RW - Colorado Big Thompson Water Purchases		-		521,250		543,400		566,500		-	1,631,150		-		-		-		-		-		-	1,631,150	1
2	RW - Down Stream Storage Armoring		125,000		136,570		148,890		162,020		-	572,480		-		-		-		-		-		-	572,480	2
3	RW - Future Water Court Transfer Actions		100,000		104,250		-		-		-	204,250		-		-		-		-		-		-	204,250	3
4	RW - GRGR 18" Bypass Pipe Connections		32,000		450,360		-		-		-	482,360		-		-		-		-		-		-	482,360	4
5	RW - Windy Gap Firming Project		55,560,000		-		-		-		-	55,560,000		-		-		-		-		-		-	55,560,000	5
Subtotal Capital Projects		\$	55,817,000	\$	1,212,430	\$	692,290	\$	728,520	\$	-	\$	58,450,240	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	58,450,240
Total Capital Projects		\$	55,817,000	\$	1,212,430	\$	692,290	\$	728,520	\$	-	\$	58,450,240	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	58,450,240
Reserve for Future Capital Projects		\$	5,853,944	\$	4,771,992	\$	4,238,129	\$	3,247,848	\$	3,011,746	\$	3,011,746	\$	2,834,419	\$	2,708,588	\$	2,636,690	\$	2,618,739	\$	2,656,813	\$	2,656,813	

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**City of Loveland
Capital Improvement
Program**

302-46-316-0000-302-WP-Water Resources

REQUEST NAME

RW - Purchase CBT Water

REQUEST CODE

CIP-302-46-316-0000-19-221

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

RW - Purchase CBT Water

PROJECT PRIORITY #

1

PROJECT #

W1014A

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Colorado Big Thompson (CBT) Water Purchases are one of the identified ways in the City's Raw Water Master Plan to acquire additional water for the City. The City was successful in late 2011 and early 2012 in purchasing a relatively large amount of CBT at a reasonable price. This project is to plan for funds to allow flexibility and responsiveness to consider and execute purchases of CBT water should desirable opportunities occur. Staff actively monitors the markets and negotiates with potential sellers.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	0	521,250	543,400	566,500	0	0	1,631,150
Total	0	521,250	543,400	566,500	0	0	1,631,150

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Raw Water Fund Balance	0	521,250	543,400	566,500	0	0	1,631,150
Total	0	521,250	543,400	566,500	0	0	1,631,150

**City of Loveland
Capital Improvement
Program**

302-46-316-0000-302-WP-Water Resources

REQUEST NAME

RW - Down Stream Storage - Armoring

REQUEST CODE

CIP-302-46-316-0000-19-222

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Down Stream Storage Armoring

PROJECT PRIORITY #

1

PROJECT #

W1901A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Due to erosion from waves to the banks of the reservoir it is necessary to install riprap along the banks of the reservoir. The riprap armoring will not only prevent nuisance erosion but also protect the bank of the reservoir from significant erosion that could threaten the structural integrity of the embankment.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	125,000	136,570	148,890	162,020	0	0	572,480
Total	125,000	136,570	148,890	162,020	0	0	572,480

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Raw Water Fund Balance	125,000	136,570	148,890	162,020	0	0	572,480
Total	125,000	136,570	148,890	162,020	0	0	572,480

**City of Loveland
Capital Improvement
Program**

302-46-316-0000-302-WP-Water Resources

REQUEST NAME

RW - Future Water Court Transfer Actions

REQUEST CODE

CIP-302-46-316-0000-19-220

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

Future Water Court Transfer Actions

PROJECT PRIORITY #

1

PROJECT #

W1709A

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Timing for future Water Court applications is decided depending on the City's acquisition of shares in ditch stock and through consultation with water counsel and consultants depending on legal and engineering circumstances.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	100,000	104,250	0	0	0	0	204,250
Total	100,000	104,250	0	0	0	0	204,250

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Raw Water Fund Balance	100,000	104,250	0	0	0	0	204,250
Total	100,000	104,250	0	0	0	0	204,250

**City of Loveland
Capital Improvement
Program**

302-46-316-0000-302-WP-Water Resources

REQUEST NAME

RW - GRGR 18" Bypass Pipe Connections

REQUEST CODE

CIP-302-46-316-0000-19-223

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

GRGR 18" Bypass Pipe Connections

PROJECT PRIORITY #

1

PROJECT #

W1902A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Install a low flow release for augmentation and replacements to the Big Thompson River as required by various decrees. Previously this was done less often through a larger release.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	32,000	33,360	0	0	0	0	65,360
Construction	0	417,000	0	0	0	0	417,000
Total	32,000	450,360	0	0	0	0	482,360

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Raw Water Fund Balance	32,000	450,360	0	0	0	0	482,360
Total	32,000	450,360	0	0	0	0	482,360

**City of Loveland
Capital Improvement
Program**

302-46-316-0000-302-WP-Water Resources

REQUEST NAME

RW - Windy Gap FIRMING

REQUEST CODE

CIP-302-46-316-0000-19-219

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT NAME

RAW WATER-WINDY GAP FIRMING

PROJECT PRIORITY #

1

PROJECT #

W038AA

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Loveland is an original participant in the Windy Gap Project (40 units). When paired with storage from the Windy Gap FIRMING Project (WGFP) it will provide over 4,000 acre-feet (af) of firm yield, approximately 14% of the City's projected need for 30,000 af firm yield. The WGFP is planned to have 90,000 acre feet of storage to hold water developed in the original Windy Gap Project, with Loveland subscribing to 9,451 acre feet of storage space. The project has received approval from the Corp of Engineers Section 404 Permit. The Participants, including the City, are working with FirstSouthwest and Northern Colorado Water Conservancy District to compare individual or pooled financing. Then the project can move ahead to engineering design, construction, and bringing online this vital project. Current projections are that first fill may occur by 2021. 1% for the Arts is not applicable to this project, because the project is the Municipal Subdistrict's and the City is merely a contributor.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Construction	55,560,000	0	0	0	0	0	55,560,000
Total	55,560,000	0	0	0	0	0	55,560,000

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Raw Water Fund Balance	18,000,000	0	0	0	0	0	18,000,000
Proceeds on Loan	37,560,000	0	0	0	0	0	37,560,000
Total	55,560,000	0	0	0	0	0	55,560,000

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2018-2028 Solid Waste Enterprise Capital Program

	2019	2020	2021	2022	2023	Five Year Total	2024	2025	2026	2027	2028	Ten Year Total	
Revenue													
Beginning Balance	\$ 3,461,970	\$ 3,184,444	\$ 3,863,614	\$ 4,574,747	\$ 4,738,695	3,461,970	\$ 4,919,230	\$ 4,368,306	\$ 4,209,670	\$ 3,943,431	\$ 4,987,184	3,461,970	
A Operating Revenues	655,646	1,048,089	713,349	1,122,739	1,162,034	4,701,856	1,202,706	957,726	878,287	1,333,461	1,380,132	10,454,169	A
B Grants	-	-	-	-	-	-	-	-	-	-	-	-	B
C Interest on Investments/Income	(2,172)	(2,193)	(2,215)	(2,237)	(2,215)	(11,032)	(2,260)	(11,143)	(2,282)	(11,254)	(2,305)	(40,276)	C
D Proceeds from Sale of Equipment	195,000	75,000	-	180,000	180,000	630,000	180,000	290,000	205,000	258,000	75,000	1,638,000	D
Total Revenue	\$ 4,310,444	\$ 4,305,340	\$ 4,574,747	\$ 5,875,249	\$ 6,078,514	\$ 8,782,794	\$ 6,299,676	\$ 5,604,890	\$ 5,290,675	\$ 5,523,638	\$ 6,440,011	\$ 15,513,863	
New & Replacement Equipment													
1 SW - Equipment Replacement - Refuse (270)	563,000	220,863	-	568,277	579,642	1,931,782	965,685	697,610	673,622	268,227	-	\$ 4,536,926	1
2 SW - Equipment Replacement - Recycling (271)	337,800	132,518	-	340,966	347,785	1,159,069	579,411	418,566	404,173	160,936	-	\$ 2,722,155	2
3 SW - Equipment Replacement - Yard Waste (272)	225,200	88,345	-	227,311	231,857	772,713	386,274	279,044	269,449	107,291	-	\$ 1,814,771	3
Subtotal New & Replacement Equipment	\$ 1,126,000	\$ 441,726	\$ -	\$ 1,136,554	\$ 1,159,284	\$ 3,863,564	\$ 1,931,370	\$ 1,395,220	\$ 1,347,244	\$ 536,454	\$ -	\$ 9,073,852	
Total New & Replacement Equipment	\$ 1,126,000	\$ 441,726	\$ -	\$ 1,136,554	\$ 1,159,284	\$ 3,863,564	\$ 1,931,370	\$ 1,395,220	\$ 1,347,244	\$ 536,454	\$ -	\$ 9,073,852	
Reserve for Future Capital Projects	\$ 3,184,444	\$ 3,863,614	\$ 4,574,747	\$ 4,738,695	\$ 4,919,230	\$ 4,919,230	\$ 4,368,306	\$ 4,209,670	\$ 3,943,431	\$ 4,987,184	\$ 6,440,011	\$ 6,440,011	

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**City of Loveland
Capital Improvement
Program**

360-23-270-0000-360-PW-Refuse

REQUEST NAME

SW - Equipment Replacement - Refuse (270)

REQUEST CODE

CIP-360-23-270-0000-19-060

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



In 2019, replacement of delivery truck, unit 9300, at an estimated cost of \$55,000. Replacement of automated side load collection trucks, units 9394, 9395, and 9396, at an estimated cost of \$357,000 each. This is a 50% portion of the overall cost of the trucks.

Estimated costs for future replacement in out years are also included with unit number details and associated costs detailed further in the 10-year equipment replacement schedule.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Machinery & Equipment	563,000	220,863	0	568,277	579,642	2,605,144	4,536,926
Total	563,000	220,863	0	568,277	579,642	2,605,144	4,536,926

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Solid Waste Fund Balance	563,000	220,863	0	568,277	579,642	2,605,144	4,536,926
Total	563,000	220,863	0	568,277	579,642	2,605,144	4,536,926

**City of Loveland
Capital Improvement
Program**

360-23-271-0000-360-PW-Recycling

REQUEST NAME

SW - Equipment Replacement - Recycling (271)

REQUEST CODE

CIP-360-23-271-0000-19-081

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



In 2019, replacement of delivery truck, unit 9300, at an estimated cost of \$55,000. Replacement of automated side load collection trucks, units 9394, 9395, and 9396, at an estimated cost of \$357,000 each. This is a 30% portion of the overall cost of the trucks. Estimated costs for future replacement in out years are also included with unit number details and associated costs detailed further in the 10-year equipment replacement schedule.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Machinery & Equipment	337,800	132,518	0	340,966	347,785	1,563,086	2,722,155
Total	337,800	132,518	0	340,966	347,785	1,563,086	2,722,155

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Solid Waste Fund Balance	337,800	132,518	0	340,966	347,785	1,563,086	2,722,155
Total	337,800	132,518	0	340,966	347,785	1,563,086	2,722,155

**City of Loveland
Capital Improvement
Program**

360-23-272-0000-360-PW-Yard Waste

REQUEST NAME

SW - Equipment Replacement - Yard Waste (272)

REQUEST CODE

CIP-360-23-272-0000-19-082

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2019

PROJECT DESCRIPTION / NECESSITY



Replacement of delivery truck, unit 9300, at an estimated cost of \$55,000. Replacement of automated side load collection trucks, units 9394, 9395, and 9396, at an estimated cost of \$357,000 each. This is a 20% portion of the overall cost of the trucks. Estimated costs for future replacement in out years are also included with unit number details and associated costs detailed further in the 10-year equipment replacement schedule.

Capital Items

	2019	2020	2021	2022	2023	2024-2028	Total
Machinery & Equipment	225,200	88,345	0	227,311	231,857	1,042,058	1,814,771
Total	225,200	88,345	0	227,311	231,857	1,042,058	1,814,771

Funding Sources

	2019	2020	2021	2022	2023	2024-2028	Total
Solid Waste Fund Balance	225,200	88,345	0	227,311	231,857	1,042,058	1,814,771
Total	225,200	88,345	0	227,311	231,857	1,042,058	1,814,771

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