

Draft 2020-2029 Capital Improvement Program

May 8, 2019



FINANCE DEPARTMENT

500 E 3rd Street • Loveland, CO 80537

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www.cityofloveland.org

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2020-2029 Capital Program

By Fund

05/08/19

	2020	2021	2022	2023	2024	Five Year Total	2025	2026	2027	2028	2029	Ten Year Total
Enterprise Funds												
Water Enterprise	\$ 13,892,380	\$ 3,701,928	\$ 9,416,626	\$ 13,641,842	\$ 16,894,439	\$ 57,547,215	\$ 13,106,328	\$ 12,463,381	\$ 12,224,778	\$ 8,697,804	\$ 24,438,321	\$ 128,477,827
Raw Water Enterprise	7,035,680	521,250	543,400	651,470	59,060	8,810,860	-	-	-	-	872,640	9,683,500
Wastewater Enterprise	5,692,850	4,034,761	14,890,595	4,867,070	20,174,904	49,660,180	4,753,911	12,021,982	4,557,701	4,332,860	7,862,133	83,188,767
Power Enterprise	17,694,952	14,505,960	15,547,050	14,069,991	19,293,843	81,111,796	10,861,618	25,643,741	17,443,448	18,333,238	14,659,493	168,053,334
Municipal Fiber Enterprise	504,783	363,879	89,845	90,995	1,187,189	2,236,691	1,226,015	1,267,118	327,677	3,939,766	2,301,906	11,299,173
Stormwater Enterprise	7,804,700	6,000,520	5,415,380	4,456,940	4,366,800	28,044,340	4,421,580	4,629,550	4,177,540	4,125,680	3,461,430	48,860,120
Golf Enterprise	676,856	2,562,546	486,947	1,142,470	229,402	5,098,221	1,874,117	561,520	261,672	593,659	836,454	9,225,643
Total Enterprise Funds	\$ 53,302,201	\$ 31,690,844	\$ 46,389,843	\$ 38,920,778	\$ 62,205,637	\$ 232,509,303	\$ 36,243,569	\$ 56,587,292	\$ 38,992,816	\$ 40,023,007	\$ 54,432,377	\$ 458,788,364
Capital Expansion Fee Funds												
Parks CEF	\$ 3,357,800	\$ 827,500	\$ 1,915,000	\$ -	\$ -	\$ 6,100,300	\$ -	\$ 297,500	\$ 3,731,950	\$ -	\$ -	\$ 10,129,750
Recreation CEF	227,500	-	-	-	-	227,500	-	-	-	-	-	227,500
Trails CEF	650,000	-	-	-	-	650,000	-	-	1,781,640	252,500	252,500	2,936,640
Open Space CEF	-	-	-	300,000	2,400,000	2,700,000	900,000	500,000	500,000	500,000	500,000	5,600,000
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	3,098,788	1,859,535	1,792,268	4,924,390	2,397,806	14,072,787	3,315,916	1,014,429	1,907,892	3,020,410	4,878,017	28,209,451
Total Capital Expansion Fee Funds	\$ 7,334,088	\$ 2,987,035	\$ 7,747,268	\$ 5,224,390	\$ 4,797,806	\$ 28,090,587	\$ 4,215,916	\$ 1,811,929	\$ 7,921,482	\$ 3,772,910	\$ 5,630,517	\$ 51,443,341
Special Revenue Funds												
Transportation (street maintenance)	\$ 5,735,953	\$ 5,858,363	\$ 5,983,532	\$ 6,111,540	\$ 6,242,475	\$ 29,931,863	\$ 6,376,423	\$ 6,513,475	\$ 6,653,724	\$ 6,797,266	\$ 6,944,885	\$ 63,217,636
Conservation Trust	500,000	-	-	1,300,000	800,000	2,600,000	500,000	427,000	-	500,000	500,000	4,527,000
Park Improvement	101,000	101,000	-	101,000	101,000	404,000	101,000	272,700	-	-	-	777,700
Larimer County Open Space	1,530,250	1,151,500	4,045,000	1,953,000	2,149,000	10,828,750	1,302,000	1,255,000	3,555,000	555,000	1,025,000	18,520,750
Total Special Revenue Funds	\$ 7,867,203	\$ 7,110,863	\$ 10,028,532	\$ 9,465,540	\$ 9,292,475	\$ 43,764,613	\$ 8,279,423	\$ 8,468,175	\$ 10,208,724	\$ 7,852,266	\$ 8,469,885	\$ 87,043,086
General Funds												
TABOR Excess	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Council Special Projects	500,000	1,000,000	1,000,000	-	-	2,500,000	-	-	-	-	-	2,500,000
General Fund Unassigned	5,926,661	7,084,996	5,227,277	7,091,101	6,645,012	31,975,047	9,955,898	7,438,988	7,485,931	9,737,595	9,664,739	76,258,198
Total General Funds	\$ 6,426,661	\$ 8,084,996	\$ 6,227,277	\$ 7,091,101	\$ 6,645,012	\$ 34,475,047	\$ 9,955,898	\$ 7,438,988	\$ 7,485,931	\$ 9,737,595	\$ 9,664,739	\$ 78,758,198
Other												
Grants	\$ 1,539,000	\$ 329,000	\$ 3,330,637	\$ 1,361,496	\$ -	\$ 6,560,133	\$ 1,546,000	\$ 2,319,000	\$ -	\$ -	\$ -	\$ 10,425,133
Outside Revenue	500,000	1,204,600	1,167,400	-	-	2,872,000	-	-	-	-	-	2,872,000
Total Other	\$ 2,039,000	\$ 1,533,600	\$ 4,498,037	\$ 1,361,496	\$ -	\$ 9,432,133	\$ 1,546,000	\$ 2,319,000	\$ -	\$ -	\$ -	\$ 13,297,133
Total Expenses	\$ 76,969,153	\$ 51,407,338	\$ 74,890,957	\$ 62,063,305	\$ 82,940,930	\$ 304,507,070	\$ 60,240,806	\$ 76,625,384	\$ 64,608,953	\$ 61,385,778	\$ 78,197,518	\$ 689,330,122

2020-2029 Capital Program - General Fund Agencies
By Project
05/08/19

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

	2020	2021	2022	2023	2024	Five Year Total	2025	2026	2027	2028	2029	10 Year Total
Revenue												
A Beginning Balance	\$ 29,597,690					29,597,690						29,597,690
B Less Operating Expenditures (not available for Capital Projects)	\$ (1,548,500)	\$ (1,626,755)	\$ (1,697,821)	\$ (1,762,683)	\$ (1,851,602)	(8,487,362)	\$ (1,942,288)	\$ (2,017,770)	\$ (2,108,398)	\$ (2,174,020)	\$ (2,266,694)	(18,996,531)
C TABOR	-	-	-	-	-	-	-	-	-	-	-	-
D Special Projects	-	-	-	-	-	-	-	-	-	-	-	-
E General Fund	-	-	-	-	-	-	-	-	-	-	-	-
F Conservation Trust	752,711	757,288	788,110	791,865	778,342	3,868,317	765,712	760,122	771,526	757,832	781,733	7,705,242
G Park Improvement	63,178	65,135	66,769	69,000	68,766	332,848	68,532	68,298	63,188	64,768	66,387	664,020
H Open Lands Tax	2,697,529	2,777,679	2,854,330	2,833,828	2,876,998	14,040,363	2,902,252	2,957,558	2,963,101	2,879,804	2,904,045	28,647,124
I Grants	-	-	-	-	-	-	-	-	-	-	-	-
J Outside Revenue	-	-	-	-	-	-	-	-	-	-	-	-
K Enterprise Funds	-	-	-	-	-	-	-	-	-	-	-	-
L Interest	102,377	320,211	385,884	417,604	480,305	1,706,381	597,057	703,701	886,180	806,212	830,940	5,530,471
M HUTF Allocated to Street Rehabilitation	2,671,749	2,702,234	2,732,718	2,763,203	2,793,688	13,663,592	2,824,172	2,854,656	2,885,140	2,915,625	2,946,795	28,089,980
N Transportation Maintenance Fee	3,064,204	3,156,129	3,250,814	3,348,337	3,448,787	16,268,271	3,552,251	3,658,819	3,768,584	3,881,641	3,998,090	35,127,656
O Interfund Loan Repayment	196,983	196,983	196,983	196,983	196,983	984,915	196,983	27,255	20,040	-	-	1,229,193
P CEF	6,604,969	6,450,034	7,640,539	8,192,701	8,947,891	37,836,135	9,186,409	8,488,227	7,639,405	7,257,434	9,337,050	79,744,660
Total Resources	\$ 44,202,891	\$ 44,798,938	\$ 46,218,327	\$ 46,850,837	\$ 47,740,157	\$ 109,811,150	\$ 18,151,078	\$ 17,500,867	\$ 16,888,765	\$ 16,389,297	\$ 18,598,346	\$ 197,339,504

Expenditures												
Capital Projects												
1 FAC - Annual Facilities Major Maintenance	714,239	728,284	742,843	757,702	772,856	3,715,924	789,237	810,079	820,162	836,559	859,296	7,831,257
2 FAC - CNG Fueling Station	499,000	533,600	167,400	-	-	1,200,000	-	-	-	-	-	1,200,000
3 FAC - Fleet Garage Expansion	-	300,000	4,040,000	-	-	4,340,000	-	-	-	-	-	4,340,000
4 FAC - Fuel Island Replacement	1,262,500	-	-	-	-	1,262,500	-	-	-	-	-	1,262,500
5 FAC - Pulliam Building (Phase II)	1,000,000	2,000,000	2,000,000	-	-	5,000,000	-	-	-	-	-	5,000,000
6 P&R - ADA Facility Updates	303,000	303,000	303,000	202,000	-	1,111,000	-	-	-	-	-	1,111,000
7 P&R - Fairgrounds Park - Phase II	-	200,000	1,515,000	-	-	1,715,000	-	-	-	-	-	1,715,000
8 P&R - Kroh Park - Phase II	-	-	-	-	-	-	-	297,500	3,731,950	-	-	4,029,450
9 P&R - Neighborhood Park	3,157,800	-	-	-	-	3,157,800	-	-	-	-	-	3,157,800
10 P&R - North Lake Miniature Train	-	-	-	-	-	-	-	272,700	-	-	-	272,700
11 P&R - Open Lands Acquisitions & Developments OL	1,530,250	1,151,500	4,045,000	2,253,000	4,549,000	13,528,750	2,202,000	1,755,000	4,055,000	1,055,000	1,525,000	24,120,750
12 P&R - Park Renovation Projects	101,000	101,000	-	101,000	101,000	404,000	101,000	-	-	-	-	505,000
13 P&R - Park Water Acquisition	200,000	400,000	400,000	-	-	1,000,000	-	-	-	-	-	1,000,000
14 P&R - Parks & Recreation Center Land Acquisition	227,500	227,500	-	-	-	455,000	-	-	-	-	-	455,000
15 P&R - Recreation Trails	1,150,000	-	-	1,300,000	800,000	3,250,000	500,000	427,000	1,781,640	752,500	752,500	7,463,640
16 TRANS - 29th and Madison Intersection Improvements	-	-	-	2,027,070	-	2,027,070	-	-	-	-	-	2,027,070
17 TRANS - 29th/Madison Intersec. and Corridor Design	734,825	420,895	363,930	-	-	1,519,650	-	-	-	-	-	1,519,650
18 TRANS - 37th and Madison Intersection Improvements	-	-	-	-	2,027,070	2,027,070	-	-	-	-	-	2,027,070
19 TRANS - 37th St. Improvements-US 287 to Dry Creek	1,919,000	-	-	-	-	1,919,000	-	-	-	-	-	1,919,000
20 TRANS - 57th and Taft Intersection Improvements	-	-	-	-	-	-	-	152,000	1,375,115	-	-	1,527,115
21 TRANS - 57th and Wilson Intersection Improvements	82,500	749,925	-	-	-	832,425	-	-	-	-	-	832,425
22 TRANS - 57th Reconstruction - Wilson to Taft	-	-	-	-	-	-	-	-	300,000	5,252,000	-	5,552,000
23 TRANS - Annual Bike Route Signing and Striping	20,000	20,000	35,000	35,000	35,000	145,000	35,000	35,000	35,000	35,000	40,000	325,000
24 TRANS - Annual Bike, PED and ADA Ramps	511,385	526,742	542,560	558,801	575,581	2,715,069	592,865	610,668	628,954	647,841	667,295	5,862,692
25 TRANS - Annual Bridge Maintenance	179,948	188,380	197,066	306,862	316,078	1,188,334	325,570	335,345	345,414	355,777	366,450	2,916,890
26 TRANS - Annual Extended Projects	50,500	50,500	202,000	202,000	202,000	707,000	202,000	202,000	202,000	202,000	202,000	1,717,000
27 TRANS - Annual ITS and Communications Program	133,244	142,571	152,550	163,229	174,654	766,248	186,880	199,963	213,960	228,938	244,963	1,840,952
28 TRANS - Annual Right-of-Way (ROW) Acquisition	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
29 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	2,010,000
30 TRANS - Boise Traffic Calming - US34 to Park Dr.	191,727	1,936,446	-	-	-	2,128,173	-	-	-	-	-	2,128,173
31 TRANS - Boyd Lake Ave. - LCR 20E to Mtn. Lion Dr.	-	-	-	-	348,000	348,000	3,157,260	-	-	-	-	3,505,260
32 TRANS - Cleveland Avenue Traffic Calming Study	170,000	-	-	-	-	170,000	-	-	-	-	-	170,000
33 TRANS - Developer Reimbursements	374,000	269,000	152,000	52,000	-	847,000	-	-	-	-	-	847,000
34 TRANS - Madison Ave Improve - Silver Leaf to 29th	-	-	-	3,199,680	-	3,199,680	-	-	-	-	-	3,199,680
35 TRANS - Madison Avenue Improvements - 29th to 37th	-	-	-	-	-	-	2,014,799	-	-	-	-	2,014,799

2020-2029 Capital Program - General Fund Agencies
By Project
05/08/19

Red Font Annual Project without changes
Bolder 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

	2020	2021	2022	2023	2024	Five Year Total	2025	2026	2027	2028	2029	10 Year Total	
36 TRANS - Mill Levy Pass-Through to Larimer County	200,000	200,000	-	-	-	400,000	-	-	-	-	-	400,000	36
37 TRANS - Monroe and 33rd Intersection Improvements	-	-	-	-	-	-	-	100,900	403,600	-	-	504,500	37
38 TRANS - Rehab - Street Rehabilitation Program	7,370,334	8,466,151	8,463,620	10,201,930	9,760,054	44,262,089	10,794,458	10,346,185	11,422,342	10,962,156	12,134,577	99,921,807	38
39 TRANS - Taft and Eisenhower Intersection Improve.	-	500,000	4,713,694	-	-	5,213,694	-	-	-	-	-	5,213,694	39
40 TRANS - Taft Avenue Widening - Westshore to 22nd	-	-	-	-	-	-	-	-	-	734,000	6,672,060	7,406,060	40
41 TRANS - Traffic Optimization (Phase II)	800,000	-	-	-	-	800,000	-	-	-	-	-	800,000	41
42 TRANS - US 34 Widening - Centerra to LCR 3	-	-	-	-	773,000	773,000	2,795,168	4,192,752	-	-	-	7,760,920	42
43 TRANS - US 34 Widening - Denver to Rocky Mountain	483,200	-	164,451	1,481,253	-	2,128,904	-	-	-	-	-	2,128,904	43
Subtotal Capital Projects	\$ 23,666,952	\$ 19,716,494	\$ 28,501,114	\$ 23,142,527	\$ 20,735,293	\$ 115,762,380	\$ 23,997,237	\$ 20,038,092	\$ 25,616,137	\$ 21,362,771	\$ 23,765,141	\$ 230,541,758	
Total Capital Expenditures	\$ 23,666,952	\$ 19,716,494	\$ 28,501,114	\$ 23,142,527	\$ 20,735,293	\$ 115,762,380	\$ 23,997,237	\$ 20,038,092	\$ 25,616,137	\$ 21,362,771	\$ 23,765,141	\$ 230,541,758	
Reserve for Future Capital Projects	\$ 20,535,939	\$ (4,917,556)	\$ (12,282,787)	\$ (6,291,690)	\$ (2,995,136)	\$ (5,951,230)	\$ (5,846,159)	\$ (2,537,225)	\$ (8,727,372)	\$ (4,973,474)	\$ (5,166,795)	\$ (33,202,254)	

2020-2029 Traditionally Funded (General Fund Agencies) Capital Program

By Year

05/08/19

Red Font Annual Program without changes
 Bolded Red Font Annual Project with changes
 Green Font New Project
 Blue Font Existing Project with changes
 Black Font Existing Project no changes

	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 CEF (267)	Gen. Govt. CEF (268)	Streets CEF (269)	Park Improvement Fund (200)	Conservation Trust Fund (201)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Internal Service/Enterprise Funding	Total
	TABOR Excess	Council Special Projects Fund	General Fund Transfer																		
A Beginning Fund Balance					2,837,603	10,127,994	421,980	678,341	5,676	571,010	2,230,796	437,340	1,326,903	1,198,858	495,322	619,562	6,607,305	1,539,000	500,000	-	29,597,690
B Less Operating Expenditures (not available for Capital Projects)																(360,000)	(1,188,500)				(1,548,500)
C Current Year - New Revenues					1,783,455	706,246	236,736	397,201		492,132	324,585	270,656	598,007	1,795,952	63,178	752,711	2,697,529				10,118,388
D Interest on Beginning Fund Balance Less Operating Expenditures					27,644	10,947	3,669	6,157	-	7,628	5,031	4,195	9,269	27,837							102,377
E Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)				2,671,749																	2,671,749
F Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)				3,064,204																	3,064,204
G Internal Loan Repayment					28,968	28,968		28,968			28,968	28,968	28,968	23,175							196,983
Total Resources	\$ -	\$ -	\$ -	\$ 5,735,953	\$ 4,677,669	\$ 10,874,155	\$ 662,385	\$ 1,110,666	\$ 5,676	\$ 1,070,770	\$ 2,589,379	\$ 741,159	\$ 1,963,148	\$ 3,045,822	\$ 558,500	\$ 1,012,273	\$ 8,116,334	\$ 1,539,000	\$ 500,000	\$ -	\$ 44,202,891
2020 Projects																					
1 FAC - Pulliam Building (Phase II)		500,000																	500,000		1,000,000
2 TRANS - Street Rehabilitation Program			1,634,381	5,735,953																	7,370,334
3 TRANS - US 34 Widening - Denver to Rocky Mountain			42,237											40,963				400,000			483,200
4 TRANS - 29th/Madison Intersec. and Corridor Design			450,000											284,825							734,825
5 TRANS - 57th and Wilson Intersection Improvements			16,500											66,000							82,500
6 TRANS - Boise Traffic Calming - US34 to Park Dr.			191,727																		191,727
7 P&R - ADA Facility Updates			303,000																		303,000
8 P&R - Neighborhood Park					3,157,800																3,157,800
9 P&R - Open Lands Acquisitions & Developments OL																	1,530,250				1,530,250
10 P&R - Park Renovation Projects														101,000							101,000
11 P&R - Recreation Trails							650,000									500,000					1,150,000
12 P&R - Parks & Recreation Center Land Acquisition																					227,500
13 P&R - Park Water Acquisition					200,000	227,500															200,000
14 TRANS - 37th St. Improvements-US 287 to Dry Creek			19,000											1,900,000							1,919,000
15 TRANS - Annual Bike Route Signing and Striping			10,000											10,000							20,000
16 TRANS - Annual Bike, PED and ADA Ramps			511,385																		511,385
17 TRANS - Annual Bridge Maintenance			179,948																		179,948
18 TRANS - Annual Extended Projects			50,500																		50,500
19 TRANS - Annual Right-of-Way (ROW) Acquisition																200,000					200,000
20 TRANS - Annual Small Capital Projects																101,000					101,000
21 TRANS - Developer Reimbursements			16,000													358,000					374,000
22 TRANS - Mill Levy Pass-Through to Larimer County			200,000																		200,000
23 TRANS - Cleveland Avenue Traffic Calming Study			170,000																		170,000
24 TRANS - Annual ITS and Communications Program			133,244																		133,244
25 TRANS - Traffic Optimization (Phase II)			22,000																		22,000
26 FAC - Annual Facilities Major Maintenance			714,239															640,000			800,000
27 FAC - Fuel Island Replacement			1,262,500																		1,262,500
28 FAC - CNG Fueling Station																	499,000				499,000
Total 2020 Project Costs	\$ -	\$ 500,000	\$ 5,926,661	\$ 5,735,953	\$ 3,357,800	\$ 227,500	\$ 650,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,098,788	\$ 101,000	\$ 500,000	\$ 1,530,250	\$ 1,539,000	\$ 500,000	\$ -	\$ 23,666,952
2020 Ending Balance	\$ -	\$ (500,000)	\$ (5,926,661)	\$ -	\$ 1,319,869	\$ 10,646,655	\$ 12,385	\$ 1,110,666	\$ 5,676	\$ 1,070,770	\$ 2,589,379	\$ 741,159	\$ 1,963,148	\$ (52,966)	\$ 457,500	\$ 512,273	\$ 6,586,084	\$ -	\$ -	\$ -	\$ 20,535,939

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)	Park Improvement Fund (200)	Conservation Trust Fund (201)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total
		TABOR Excess	Council Special Projects Fund	GF																		
A	Beginning Fund Balance					2,484,414	12,571,376	519,648	2,056,441	5,865	2,169,561	3,428,882	1,403,707	(966,180)	189,359	488,405	1,299,430	4,455,258	1,361,496	-	-	31,467,663
B	Less Operating Expenditures (not available for Capital Projects)																(399,138)	(1,363,545)				(1,762,683)
C	Current Year - New Revenues					2,195,209	869,300	291,392	488,905	103	616,463	399,523	333,144	749,087	2,249,678	69,000	791,865	2,833,828				11,887,394
D	Interest on Beginning Fund Balance Less Operating Expenditures					43,477	219,999	9,094	35,988		37,967	60,005	24,565	(16,908)	3,314							417,604
E	Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)				2,763,203																	2,763,203
F	Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)				3,348,337																	3,348,337
G	Internal Loan Repayment					28,968	28,968		28,968			28,968	28,968	28,968	23,175							196,983
Total Resources		\$ -	\$ -	\$ -	\$ 6,111,540	\$ 4,752,069	\$ 13,689,643	\$ 820,134	\$ 2,610,302	\$ 5,968	\$ 2,823,992	\$ 3,917,379	\$ 1,790,383	\$ (205,033)	\$ 2,465,526	\$ 557,404	\$ 1,692,157	\$ 5,925,541	\$ 1,361,496	\$ -	\$ -	\$ 48,318,500

2023 Projects		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)	Park Improvement Fund (200)	Conservation Trust Fund (201)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total
		TABOR Excess	Council Special Projects Fund	GF																		
1	TRANS - Street Rehabilitation Program			4,090,390	6,111,540																	10,201,930
2	TRANS - US 34 Widening - Denver to Rocky Mountain			60,836											58,921					1,361,496		1,481,253
3	P&R - ADA Facility Updates			202,000																		202,000
4	P&R - Open Lands Acquisitions & Developments OL							300,000										1,953,000				2,253,000
5	P&R - Park Renovation Projects														101,000							101,000
6	P&R - Recreation Trails																1,300,000					1,300,000
7	TRANS - Annual Bike Route Signing and Striping			17,500																		35,000
8	TRANS - Annual Bike, PED and ADA Ramps			558,801																		558,801
9	TRANS - Annual Bridge Maintenance			306,862																		306,862
10	TRANS - Annual Extended Projects			202,000																		202,000
11	TRANS - Annual Right-of-Way (ROW) Acquisition														200,000							200,000
12	TRANS - Annual Small Capital Projects														101,000							101,000
13	TRANS - Developer Reimbursements														52,000							52,000
14	TRANS - Annual ITS and Communications Program			163,229																		163,229
15	FAC - Annual Facilities Major Maintenance			757,702																		757,702
16	TRANS - Madison Ave Improve - Silver Leaf to 29th			326,367																		326,367
17	TRANS - 29th and Madison Intersection Improvements			405,414																		405,414
Total 2023 Project Costs		\$ -	\$ -	\$ 7,091,101	\$ 6,111,540	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,924,390	\$ 101,000	\$ 1,300,000	\$ 1,953,000	\$ 1,361,496	\$ -	\$ -	\$ 23,142,527
2023 Ending Balance		\$ -	\$ -	\$ (7,091,101)	\$ -	\$ 4,752,069	\$ 13,689,643	\$ 820,134	\$ 2,310,302	\$ 5,968	\$ 2,823,992	\$ 3,917,379	\$ 1,790,383	\$ (205,033)	\$ (2,458,864)	\$ 456,404	\$ 392,157	\$ 3,972,541	\$ -	\$ -	\$ -	\$ 25,175,973

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)	Park Improvement Fund (200)	Conservation Trust Fund (201)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total
		TABOR Excess	Council Special Projects Fund	GF																		
A	Beginning Fund Balance					4,752,069	13,689,643	820,134	2,310,302	5,968	2,823,992	3,917,379	1,790,383	(205,033)	(2,458,864)	456,404	392,157	3,972,541	-	-	-	32,267,074
B	Less Operating Expenditures (not available for Capital Projects)																(427,567)	(1,424,035)				(1,851,602)
C	Current Year - New Revenues					2,391,377	946,982	317,432	532,594	104	675,486	435,225	362,914	820,808	2,465,073	68,766	778,342	2,876,998				12,671,997
D	Interest on Beginning Fund Balance Less Operating Expenditures					83,161	239,569	14,352	40,430		49,420	68,554	31,332	(3,588)	(43,030)							480,305
E	Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)				2,793,688																	2,793,688
F	Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)				3,448,787																	3,448,787
G	Internal Loan Repayment					28,968	28,968		28,968			28,968	28,968	28,968	23,175							196,983
Total Resources		\$ -	\$ -	\$ -	\$ 6,242,475	\$ 7,255,575	\$ 14,905,162	\$ 1,151,918	\$ 2,912,295	\$ 6,072	\$ 3,548,897	\$ 4,450,126	\$ 2,213,597	\$ 641,154	\$ (13,646)	\$ 525,170	\$ 742,932	\$ 5,425,504	\$ -	\$ -	\$ -	\$ 50,007,231
2024 Projects		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)	Park Improvement Fund (200)	Conservation Trust Fund (201)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total
		TABOR Excess	Council Special Projects Fund	GF																		
1	TRANS - Street Rehabilitation Program			3,517,579	6,242,475																	9,760,054
2	TRANS - US 34 Widening - Centerra to LCR 3			573,566											199,434							773,000
3	TRANS - Boyd Lake Ave. - LCR 20E to Mtn. Lion Dr.			89,784											258,216							348,000
4	P&R - Open Lands Acquisitions & Developments OL							2,400,000										2,149,000				4,549,000
5	P&R - Park Renovation Projects														101,000							101,000
6	P&R - Recreation Trails																800,000					800,000
7	TRANS - Annual Bike Route Signing and Striping			17,500																		35,000
8	TRANS - Annual Bike, PED and ADA Ramps			575,581																		575,581
9	TRANS - Annual Bridge Maintenance			316,078																		316,078
10	TRANS - Annual Extended Projects			202,000																		202,000
11	TRANS - Annual Right-of-Way (ROW) Acquisition														200,000							200,000
12	TRANS - Annual Small Capital Projects														101,000							101,000
13	TRANS - Annual ITS and Communications Program			174,654																		174,654
14	FAC - Annual Facilities Major Maintenance			772,856																		772,856
15	TRANS - 37th and Madison Intersection Improvements			405,414																		405,414
Total 2024 Project Costs		\$ -	\$ -	\$ 6,645,012	\$ 6,242,475	\$ -	\$ -	\$ -	\$ 2,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,397,806	\$ 101,000	\$ 800,000	\$ 2,149,000	\$ -	\$ -	\$ -	\$ 20,735,293
2024 Ending Balance		\$ -	\$ -	\$ (6,645,012)	\$ -	\$ 7,255,575	\$ 14,905,162	\$ 1,151,918	\$ 512,295	\$ 6,072	\$ 3,548,897	\$ 4,450,126	\$ 2,213,597	\$ 641,154	\$ (2,411,452)	\$ 424,170	\$ (57,068)	\$ 3,276,504	\$ -	\$ -	\$ -	\$ 29,271,938

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)	Park Improvement Fund (200)	Conservation Trust Fund (201)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total
		TABOR Excess	Council Special Projects Fund	GF																		
A	Beginning Fund Balance					7,255,575	14,905,162	1,151,918	512,295	6,072	3,548,897	4,450,126	2,213,597	641,154	(2,411,452)	424,170	(57,068)	3,276,504	1,546,000	-	-	37,462,950
B	Less Operating Expenditures (not available for Capital Projects)															(442,532)	(1,499,756)					(1,942,288)
C	Current Year - New Revenues					2,448,770	969,710	325,050	545,377		695,751	445,671	371,624	845,432	2,539,025	68,532	765,712	2,902,252				12,922,903
D	Interest on Beginning Fund Balance Less Operating Expenditures					134,228	275,746	21,310	9,477	112	65,655	82,327	40,952	11,861	(44,612)							597,057
E	Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)				2,824,172																	2,824,172
F	Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)				3,552,251																	3,552,251
G	Internal Loan Repayment					28,968	28,968		28,968			28,968	28,968	28,968	23,175							196,983
Total Resources		\$ -	\$ -	\$ -	\$ 6,376,423	\$ 9,867,541	\$ 16,179,585	\$ 1,498,279	\$ 1,096,117	\$ 6,185	\$ 4,310,303	\$ 5,007,092	\$ 2,655,140	\$ 1,527,416	\$ 106,136	\$ 492,702	\$ 266,112	\$ 4,678,999	\$ 1,546,000	\$ -	\$ -	\$ 55,614,028

2025 Projects		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)	Park Improvement Fund (200)	Conservation Trust Fund (201)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total
		TABOR Excess	Council Special Projects Fund	GF																		
1	TRANS - Street Rehabilitation Program			4,418,035	6,376,423																	10,794,458
2	TRANS - US 34 Widening - Centerra to LCR 3			926,882											322,286				1,546,000			2,795,168
3	TRANS - Boyd Lake Ave. - LCR 20E to Mtn. Lion Dr.			814,573											2,342,687							3,157,260
4	P&R - Open Lands Acquisitions & Developments OL								900,000									1,302,000				2,202,000
5	P&R - Park Renovation Projects														101,000							101,000
6	P&R - Recreation Trails																500,000					500,000
7	TRANS - Annual Bike Route Signing and Striping			17,500																		17,500
8	TRANS - Annual Bike, PED and ADA Ramps			592,865																		592,865
9	TRANS - Annual Bridge Maintenance			325,570																		325,570
10	TRANS - Annual Extended Projects			202,000																		202,000
11	TRANS - Annual Right-of-Way (ROW) Acquisition																					200,000
12	TRANS - Annual Small Capital Projects																					101,000
13	TRANS - Annual ITS and Communications Program			186,880																		186,880
14	FAC - Annual Facilities Major Maintenance			789,237																		789,237
15	TRANS - Madison Avenue Improvements - 29th to 37th			1,682,356																		1,682,356
Total 2025 Project Costs		\$ -	\$ -	\$ 9,955,898	\$ 6,376,423	\$ -	\$ -	\$ -	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,315,916	\$ 101,000	\$ 500,000	\$ 1,302,000	\$ 1,546,000	\$ -	\$ -	\$ 23,997,237
2025 Ending Balance		\$ -	\$ -	\$ (9,955,898)	\$ -	\$ 9,867,541	\$ 16,179,585	\$ 1,498,279	\$ 196,117	\$ 6,185	\$ 4,310,303	\$ 5,007,092	\$ 2,655,140	\$ 1,527,416	\$ (3,209,780)	\$ 391,702	\$ (233,888)	\$ 3,376,999	\$ -	\$ -	\$ -	\$ 31,616,791

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)	Park Improvement Fund (200)	Conservation Trust Fund (201)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total
		TABOR Excess	Council Special Projects Fund	GF																		
A	Beginning Fund Balance					9,867,541	16,179,585	1,498,279	196,117	6,185	4,310,303	5,007,092	2,655,140	1,527,416	(3,209,780)	391,702	(233,888)	3,376,999	2,319,000	-	-	43,891,689
B	Less Operating Expenditures (not available for Capital Projects)																(458,021)	(1,559,749)				(2,017,770)
C	Current Year - New Revenues					2,256,786	893,684	299,566	502,619		644,961	410,730	342,488	783,716	2,353,676	68,298	760,122	2,957,558				12,274,206
D	Interest on Beginning Fund Balance Less Operating Expenditures					182,550	299,322	27,718	3,628	114	79,741	92,631	49,120	28,257	(59,381)							703,701
E	Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)				2,854,656																	2,854,656
F	Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)				3,658,819																	3,658,819
G	Internal Loan Repayment					4,008	4,008		4,008			4,008	4,008	4,008	3,207							27,255
Total Resources		\$ -	\$ -	\$ -	\$ 6,513,475	\$ 12,310,885	\$ 17,376,600	\$ 1,825,563	\$ 706,372	\$ 6,299	\$ 5,035,004	\$ 5,514,461	\$ 3,050,757	\$ 2,343,397	\$ (912,277)	\$ 460,000	\$ 68,214	\$ 4,774,808	\$ 2,319,000	\$ -	\$ -	\$ 61,392,556
2026 Projects																						
1	TRANS - Street Rehabilitation Program			3,832,710	6,513,475																	10,346,185
2	TRANS - US 34 Widening - Centerra to LCR 3			1,390,323															2,319,000			4,192,752
3	TRANS - Monroe and 33rd Intersection Improvements			10,000																		100,900
4	TRANS - 57th and Taft Intersection Improvements			30,400																		152,000
5	P&R - Kroh Park - Phase II																					297,500
6	P&R - North Lake Miniature Train															272,700						272,700
7	P&R - Open Lands Acquisitions & Developments OL								500,000									1,255,000				1,755,000
8	P&R - Recreation Trails																427,000					427,000
9	TRANS - Annual Bike Route Signing and Striping			17,500																		17,500
10	TRANS - Annual Bike, PED and ADA Ramps			610,668																		610,668
11	TRANS - Annual Bridge Maintenance			335,345																		335,345
12	TRANS - Annual Extended Projects			202,000																		202,000
13	TRANS - Annual Right-of-Way (ROW) Acquisition																					200,000
14	TRANS - Annual Small Capital Projects																					101,000
15	TRANS - Annual ITS and Communications Program			199,963																		199,963
16	FAC - Annual Facilities Major Maintenance			810,079																		810,079
Total 2026 Project Costs		\$ -	\$ -	\$ 7,438,988	\$ 6,513,475	\$ 297,500	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,014,429	\$ 272,700	\$ 427,000	\$ 1,255,000	\$ 2,319,000	\$ -	\$ -	\$ 20,038,092
2026 Ending Balance		\$ -	\$ -	\$ (7,438,988)	\$ -	\$ 12,013,385	\$ 17,376,600	\$ 1,825,563	\$ 206,372	\$ 6,299	\$ 5,035,004	\$ 5,514,461	\$ 3,050,757	\$ 2,343,397	\$ (1,926,706)	\$ 187,300	\$ (358,786)	\$ 3,519,808	\$ -	\$ -	\$ -	\$ 41,354,464

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)	Park Improvement Fund (200)	Conservation Trust Fund (201)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total
		TABOR Excess	Council Special Projects Fund	GF																		
A	Beginning Fund Balance					12,013,385	17,376,600	1,825,563	206,372	6,299	5,035,004	5,514,461	3,050,757	2,343,397	(1,926,706)	187,300	(358,786)	3,519,808	-	-	-	48,793,452
B	Less Operating Expenditures (not available for Capital Projects)																(474,051)	(1,634,347)				(2,108,398)
C	Current Year - New Revenues					2,031,108	804,316	269,609	452,357		580,465	369,657	308,240	705,344	2,118,309	63,188	771,526	2,963,101				11,437,219
D	Interest on Beginning Fund Balance Less Operating Expenditures					234,261	338,844	35,598	4,024	123	98,183	107,532	59,490	45,696	(37,571)							886,180
E	Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)				2,885,140																	2,885,140
F	Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)				3,768,584																	3,768,584
G	Internal Loan Repayment						4,008		4,008			4,008	4,008	4,008								20,040
Total Resources		\$ -	\$ -	\$ -	\$ 6,653,724	\$ 14,278,753	\$ 18,523,768	\$ 2,130,771	\$ 666,762	\$ 6,422	\$ 5,713,652	\$ 5,995,658	\$ 3,422,494	\$ 3,098,445	\$ 154,032	\$ 250,488	\$ (61,312)	\$ 4,848,562	\$ -	\$ -	\$ -	\$ 65,682,218

2027 Projects		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)	Park Improvement Fund (200)	Conservation Trust Fund (201)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total
		TABOR Excess	Council Special Projects Fund	GF																		
1	TRANS - Street Rehabilitation Program			4,768,618	6,653,724																	11,422,342
2	TRANS - Monroe and 33rd Intersection Improvements			40,000											363,600							403,600
3	TRANS - 57th and Taft Intersection Improvements			275,023											1,100,092							1,375,115
4	P&R - Kroh Park - Phase II					3,731,950																3,731,950
5	P&R - Open Lands Acquisitions & Developments OL								500,000									3,555,000				4,055,000
6	P&R - Recreation Trails						1,781,640															1,781,640
7	TRANS - 57th Reconstruction - Wilson to Taft			174,300																		300,000
8	TRANS - Annual Bike Route Signing and Striping			17,500																		35,000
9	TRANS - Annual Bike, PED and ADA Ramps			628,954																		628,954
10	TRANS - Annual Bridge Maintenance			345,414																		345,414
11	TRANS - Annual Extended Projects			202,000																		202,000
12	TRANS - Annual Right-of-Way (ROW) Acquisition																					200,000
13	TRANS - Annual Small Capital Projects																					101,000
14	TRANS - Annual ITS and Communications Program			213,960																		213,960
15	FAC - Annual Facilities Major Maintenance			820,162																		820,162
Total 2027 Project Costs		\$ -	\$ -	\$ 7,485,931	\$ 6,653,724	\$ 3,731,950	\$ -	\$ 1,781,640	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,907,892	\$ -	\$ -	\$ 3,555,000	\$ -	\$ -	\$ -	\$ 25,616,137
2027 Ending Balance		\$ -	\$ -	\$ (7,485,931)	\$ -	\$ 10,546,803	\$ 18,523,768	\$ 349,131	\$ 166,762	\$ 6,422	\$ 5,713,652	\$ 5,995,658	\$ 3,422,494	\$ 3,098,445	\$ (1,753,860)	\$ 250,488	\$ (61,312)	\$ 1,293,562	\$ -	\$ -	\$ -	\$ 40,066,081

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)	Park Improvement Fund (200)	Conservation Trust Fund (201)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total
		TABOR Excess	Council Special Projects Fund	GF																		
A	Beginning Fund Balance					10,546,803	18,523,768	349,131	166,762	6,422	5,713,652	5,995,658	3,422,494	3,098,445	(1,753,860)	250,488	(61,312)	1,293,562	-	-	-	47,552,012
B	Less Operating Expenditures (not available for Capital Projects)																(490,643)	(1,683,377)				(2,174,020)
C	Current Year - New Revenues					1,929,552	764,100	256,129	429,739		551,442	351,174	292,828	670,077	2,012,393	64,768	757,832	2,879,804				10,959,839
D	Interest on Beginning Fund Balance Less Operating Expenditures					184,569	324,166	6,110	2,918	112	99,989	104,924	59,894	54,223	(30,693)							806,212
E	Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)				2,915,625																	2,915,625
F	Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)				3,881,641																	3,881,641
G	Internal Loan Repayment																					-
Total Resources		\$ -	\$ -	\$ -	\$ 6,797,266	\$ 12,660,925	\$ 19,612,034	\$ 611,369	\$ 599,419	\$ 6,534	\$ 6,365,082	\$ 6,451,756	\$ 3,775,216	\$ 3,822,745	\$ 227,840	\$ 315,256	\$ 205,877	\$ 2,489,989	\$ -	\$ -	\$ -	\$ 63,941,309
2028 Projects		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)	Park Improvement Fund (200)	Conservation Trust Fund (201)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total
		TABOR Excess	Council Special Projects Fund	GF																		
1	TRANS - Street Rehabilitation Program			4,164,890	6,797,266																	10,962,156
2	TRANS - Taft Avenue Widening - Westshore to 22nd			232,678											501,322							734,000
3	P&R - Open Lands Acquisitions & Developments OL								500,000									555,000				1,055,000
4	P&R - Recreation Trails						252,500										500,000					752,500
5	TRANS - 57th Reconstruction - Wilson to Taft			3,051,412																		5,252,000
6	TRANS - Annual Bike Route Signing and Striping			17,500																		35,000
7	TRANS - Annual Bike, PED and ADA Ramps			647,841																		647,841
8	TRANS - Annual Bridge Maintenance			355,777																		355,777
9	TRANS - Annual Extended Projects			202,000																		202,000
10	TRANS - Annual Right-of-Way (ROW) Acquisition																					200,000
11	TRANS - Annual Small Capital Projects																					101,000
12	TRANS - Annual ITS and Communications Program			228,938																		228,938
13	FAC - Annual Facilities Major Maintenance			836,559																		836,559
Total 2028 Project Costs		\$ -	\$ -	\$ 9,737,595	\$ 6,797,266	\$ -	\$ -	\$ 252,500	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,020,410	\$ -	\$ 500,000	\$ 555,000	\$ -	\$ -	\$ -	\$ 21,362,771
2028 Ending Balance		\$ -	\$ -	\$ (9,737,595)	\$ -	\$ 12,660,925	\$ 19,612,034	\$ 358,869	\$ 99,419	\$ 6,534	\$ 6,365,082	\$ 6,451,756	\$ 3,775,216	\$ 3,822,745	\$ (2,792,570)	\$ 315,256	\$ (294,123)	\$ 1,934,989	\$ -	\$ -	\$ -	\$ 42,578,538

2029 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)	Park Improvement Fund (200)	Conservation Trust Fund (201)	Larimer County Open Space Fund (202)	Grants	Outside Revenue	Enterprise Funding	Total
		TABOR Excess	Council Special Projects Fund	GF																		
A	Beginning Fund Balance					12,660,925	19,612,034	358,869	99,419	6,534	6,365,082	6,451,756	3,775,216	3,822,745	(2,792,570)	315,256	(294,123)	1,934,989	-	-	-	52,316,133
B	Less Operating Expenditures (not available for Capital Projects)																(507,816)	(1,758,878)				(2,266,694)
C	Current Year - New Revenues					2,482,465	983,053	329,523	552,881		709,457	451,803	376,737	862,087	2,589,044	66,387	781,733	2,904,045				13,089,215
D	Interest on Beginning Fund Balance Less Operating Expenditures					208,905	323,599	5,921	1,640	108	105,024	106,454	62,291	63,075	(46,077)							830,940
E	Highway Users Tax Fund (HUTF) Revenue (Allocated to Street Rehabilitation Program)				2,946,795																	2,946,795
F	Transportation Maintenance Fee (Allocated to Street Rehabilitation Program)				3,998,090																	3,998,090
G	Internal Loan Repayment																					-
Total Resources		\$ -	\$ -	\$ -	\$ 6,944,885	\$ 15,352,295	\$ 20,918,685	\$ 694,313	\$ 653,941	\$ 6,642	\$ 7,179,563	\$ 7,010,013	\$ 4,214,244	\$ 4,747,907	\$ (249,603)	\$ 381,642	\$ (20,205)	\$ 3,080,156	\$ -	\$ -	\$ -	\$ 70,914,479
2029 Projects																						
1	TRANS - Street Rehabilitation Program			5,189,692	6,944,885																	12,134,577
2	TRANS - Taft Avenue Widening - Westshore to 22nd			2,115,043											4,557,017							6,672,060
3	P&R - Open Lands Acquisitions & Developments OL							500,000										1,025,000				1,525,000
4	P&R - Recreation Trails						252,500										500,000					752,500
5	TRANS - Annual Bike Route Signing and Striping			20,000											20,000							40,000
6	TRANS - Annual Bike, PED and ADA Ramps			667,295																		667,295
7	TRANS - Annual Bridge Maintenance			366,450																		366,450
8	TRANS - Annual Extended Projects			202,000																		202,000
9	TRANS - Annual Right-of-Way (ROW) Acquisition														200,000							200,000
10	TRANS - Annual Small Capital Projects														101,000							101,000
11	TRANS - Annual ITS and Communications Program			244,963																		244,963
12	FAC - Annual Facilities Major Maintenance			859,296																		859,296
Total 2029 Project Costs		\$ -	\$ -	\$ 9,664,739	\$ 6,944,885	\$ -	\$ -	\$ 252,500	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,878,017	\$ -	\$ 500,000	\$ 1,025,000	\$ -	\$ -	\$ -	\$ 23,765,141
2029 Ending Balance		\$ -	\$ -	\$ (9,664,739)	\$ -	\$ 15,352,295	\$ 20,918,685	\$ 441,813	\$ 153,941	\$ 6,642	\$ 7,179,563	\$ 7,010,013	\$ 4,214,244	\$ 4,747,907	\$ (5,127,620)	\$ 381,642	\$ (520,205)	\$ 2,055,156	\$ -	\$ -	\$ -	\$ 47,149,338
10-Year Total		\$ -	\$ 2,500,000	\$ 76,258,198	\$ 63,217,636	\$ 10,129,750	\$ 227,500	\$ 2,936,640	\$ 5,600,000	\$ -	\$ -	\$ -	\$ -	\$ 4,340,000	\$ 28,209,451	\$ 777,700	\$ 4,527,000	\$ 18,520,750	\$ 10,425,133	\$ 2,872,000	\$ -	\$ 230,541,758

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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-250-20-843

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Energy Efficiency Rebates-Wastewater

PROJECT PRIORITY #

1

PROJECT #

20PWA

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

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	84,000	85,567	90,659	110,699	113,339	472,028	956,292
Construction	539,239	550,019	553,970	527,079	536,733	3,131,940	5,838,980
Other Capital	84,000	85,567	90,659	110,699	113,339	472,028	956,292
1% for the Arts	7,000	7,131	7,555	9,225	9,445	39,337	79,693
Total	714,239	728,284	742,843	757,702	772,856	4,115,333	7,831,257

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	714,239	728,284	742,843	757,702	772,856	4,115,333	7,831,257
Total	714,239	728,284	742,843	757,702	772,856	4,115,333	7,831,257

**City of Loveland
Capital Improvement Program**

23-Public Works

REQUEST NAME

FAC - CNG Fueling Station

REQUEST CODE

CIP-23-20-942

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY

Loveland has received two NFRMPO grants (\$499k & \$329k) to apply towards the design/construction of a modest \$1.2M CNG Fueling Station at the current City Fuel Farm. The City's matching funds of \$372k will be split between Fleet Fund 500 and the Solid Waste Fund. Over time, about 60 heavy-duty trucks within the City's fleet are strong candidates to replace with CNG engines. For details, please see the staff report by Mick Mercer & Gus Brown entitled CNG Action Plan, December 2018.

Please reference the staff analysis/report entitled CNG Action Plan, December 2018. CNG fuel costs per gallon is about 50% less than diesel fuel (CNG @ \$1.25 vs diesel @ \$2.50). By replacing 44 heavy-duty trucks incrementally over the next 10 years, the fuel savings would approximate \$1.6M. Projected payback is 6.25 years (projected fuel savings less out-of-pocket capital expense). Of course, CNG has numerous air quality and water quality benefits over diesel fuel, with greatly reduced greenhouse gas emissions. CNG will also increase emergency resiliency during petroleum shortages due to natural disasters/weather emergencies. If diesel pumps go down or supplies run low, CNG provides a backup plan for certain City crews and outside agencies who assist with Loveland response/recovery.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Motor Vehicle	499,000	533,600	167,400	0	0	0	1,200,000
Total	499,000	533,600	167,400	0	0	0	1,200,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fleet Replacement Fund Balance	0	204,600	0	0	0	0	204,600
Transfers From Refuse	0	0	167,400	0	0	0	167,400
State Grant	499,000	329,000	0	0	0	0	828,000
Total	499,000	533,600	167,400	0	0	0	1,200,000

**City of Loveland
Capital Improvement Program**

D-250-Facilities Management

REQUEST NAME

FAC - Fleet Garage Expansion

REQUEST CODE

CIP-D-250-20-844

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Project Code to be Determined

PROJECT PRIORITY #

1

PROJECT #

20TBD

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

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	0	300,000	0	0	0	0	300,000
Construction	0	0	4,000,000	0	0	0	4,000,000
1% for the Arts	0	0	40,000	0	0	0	40,000
Total	0	300,000	4,040,000	0	0	0	4,340,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Government							
Capital Expansion Fee	0	300,000	4,040,000	0	0	0	4,340,000
Fund Balance							
Total	0	300,000	4,040,000	0	0	0	4,340,000

Operating Budget

Expenses	2020	2021	2022	2023	2024	2025-2029	Total
O & M Ongoing	0	0	0	30,100	30,700	148,800	209,600
Total	0	0	0	30,100	30,700	148,800	209,600

**City of Loveland
Capital Improvement Program**

D-250-Facilities Management

REQUEST NAME

FAC - Fuel Island Replacement

REQUEST CODE

CIP-D-250-20-845

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

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

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	1,250,000	0	0	0	0	0	1,250,000
1% for the Arts	12,500	0	0	0	0	0	12,500
Total	1,262,500	0	0	0	0	0	1,262,500

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	1,262,500	0	0	0	0	0	1,262,500
Total	1,262,500	0	0	0	0	0	1,262,500

**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-120-23-250-1801-20-842

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Pulliam Renovation

PROJECT PRIORITY #

1

PROJECT #

20PULLIAM

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

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	995,000	1,990,000	1,990,000	0	0	0	4,975,000
1% for the Arts	5,000	10,000	10,000	0	0	0	25,000
Total	1,000,000	2,000,000	2,000,000	0	0	0	5,000,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Council Special Projects	500,000	1,000,000	1,000,000	0	0	0	2,500,000
Fund Balance							
Gifts/Donations	500,000	1,000,000	1,000,000	0	0	0	2,500,000
Total	1,000,000	2,000,000	2,000,000	0	0	0	5,000,000

**City of Loveland
Capital Improvement Program**

51-Parks & Recreation

REQUEST NAME

P&R - ADA Facility Updates

REQUEST CODE

CIP-51-20-506

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

P&R - ADA Facility Updates

PROJECT PRIORITY #

1

PROJECT #

20P-51-19-005

PROJECT AREA

CIP-51-19-005

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

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	300,000	300,000	300,000	200,000	0	0	1,100,000
1% for the Arts	3,000	3,000	3,000	2,000	0	0	11,000
Total	303,000	303,000	303,000	202,000	0	0	1,111,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	303,000	303,000	303,000	202,000	0	0	1,111,000
Total	303,000	303,000	303,000	202,000	0	0	1,111,000

**City of Loveland
Capital Improvement Program**

51-Parks & Recreation

REQUEST NAME

P&R - Fairgrounds Park - Phase II

REQUEST CODE

CIP-51-20-507

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Recreation Fitness Court

PROJECT PRIORITY #

1

PROJECT #

20FITNESSCRT

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

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	0	200,000	0	0	0	0	200,000
Construction	0	0	1,500,000	0	0	0	1,500,000
1% for the Arts	0	0	15,000	0	0	0	15,000
Total	0	200,000	1,515,000	0	0	0	1,715,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Parks Capital Expansion	0	200,000	1,515,000	0	0	0	1,715,000
Fee Fund Balance	0	0	0	0	0	0	0
Total	0	200,000	1,515,000	0	0	0	1,715,000

Operating Budget

Expenses	2020	2021	2022	2023	2024	2025-2029	Total
O & M Ongoing	0	0	0	11,100	11,100	46,990	69,190
Total	0	0	0	11,100	11,100	46,990	69,190

**City of Loveland
Capital Improvement Program**

51-Parks & Recreation

REQUEST NAME

P&R - Kroh Park - Phase II

REQUEST CODE

CIP-51-20-508

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

P&R - Kroh Park - Phase II

PROJECT PRIORITY #

1

PROJECT #

20P-51-19-004

PROJECT AREA

CIP-51-19-004

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

	2020	2021	2022	2023	2024	2025-2029	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

	2020	2021	2022	2023	2024	2025-2029	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	2020	2021	2022	2023	2024	2025-2029	Total
O & M Ongoing	0	0	0	0	0	53,280	53,280
Total	0	0	0	0	0	53,280	53,280

**City of Loveland
Capital Improvement Program**

51-Parks & Recreation

REQUEST NAME

P&R - Neighborhood Park

REQUEST CODE

CIP-51-20-509

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

P&R - Neighborhood Park

PROJECT PRIORITY #

1

PROJECT #

20P-51-19-007

PROJECT AREA

CIP-51-19-007

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 2020. 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 12 acre park. This park will be developed as the first all-inclusive playground in Loveland. Calculations indicate 0.77 FTEs would be required to provide current level of service for routine maintenance of park facilities and grounds.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	127,800	0	0	0	0	0	127,800
Construction	3,000,000	0	0	0	0	0	3,000,000
1% for the Arts	30,000	0	0	0	0	0	30,000
Total	3,157,800	0	0	0	0	0	3,157,800

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Parks Capital Expansion	3,157,800	0	0	0	0	0	3,157,800
Fee Fund Balance	0	0	0	0	0	0	0
Total	3,157,800	0	0	0	0	0	3,157,800

Operating Budget

Expenses	2020	2021	2022	2023	2024	2025-2029	Total
O & M Ongoing	0	26,640	26,640	26,640	26,640	133,200	239,760
Total	0	26,640	26,640	26,640	26,640	133,200	239,760

**City of Loveland
Capital Improvement Program**

51-Parks & Recreation

REQUEST NAME

P&R - North Lake Miniature Train

REQUEST CODE

CIP-51-20-510

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

P&R - North Lake Miniature Train

PROJECT PRIORITY #

1

PROJECT #

20P-51-19-008

PROJECT AREA

CIP-51-19-008

PROJECT DESCRIPTION / NECESSITY



The North Lake Park miniature train has been a valued amenity for over 25 years and sees an average ridership of 26,000 each season. This project will fund the design, replacement and upgrade of the entire train system including the cars, track, ties and bedway for safe function and accessibility of users.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Other Capital	0	0	0	0	0	272,700	272,700
Total	0	0	0	0	0	272,700	272,700

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Parks Improvement Fund	0	0	0	0	0	272,700	272,700
Total	0	0	0	0	0	272,700	272,700

**City of Loveland
Capital Improvement Program**

51-Parks & Recreation

REQUEST NAME

P&R - Open Lands Acquisitions & Developments OL

REQUEST CODE

CIP-51-20-511

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

P&R - Open Lands Acquisitions & Developments OL

PROJECT PRIORITY #

1

PROJECT #

20P-51-19-009

PROJECT AREA

CIP-51-19-009

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.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Land	1,000,000	1,000,000	2,025,000	1,950,000	2,125,000	8,550,000	16,650,000
Construction	525,000	150,000	2,000,000	300,000	2,400,000	2,200,000	7,575,000
1% for the Arts	5,250	1,500	20,000	3,000	24,000	22,000	75,750
Total	1,530,250	1,151,500	4,045,000	2,253,000	4,549,000	10,772,000	24,300,750

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
County Open Space Sales Tax Fund Balance	1,530,250	1,151,500	4,045,000	1,953,000	2,149,000	7,872,000	18,700,750
Open Lands Capital Expansion Fee Fund Balance	0	0	0	300,000	2,400,000	2,900,000	5,600,000
Total	1,530,250	1,151,500	4,045,000	2,253,000	4,549,000	10,772,000	24,300,750

Operating Budget

Expenses	2020	2021	2022	2023	2024	2025-2029	Total
O & M Ongoing	38,590	23,590	23,590	23,590	23,590	94,360	227,310
Total	38,590	23,590	23,590	23,590	23,590	94,360	227,310

**City of Loveland
Capital Improvement Program**

51-Parks & Recreation

REQUEST NAME

P&R - Park Renovation Projects

REQUEST CODE

CIP-51-20-512

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

P&R - Park Renovation Projects

PROJECT PRIORITY #

1

PROJECT #

20P-51-19-006

PROJECT AREA

CIP-51-19-006

PROJECT DESCRIPTION / NECESSITY



Park Renovation Projects is an ongoing maintenance program with shelter updates, roof replacements and general facility upgrades and improvements. In recent years, this funding has been focused on upgrading restrooms to ensure ADA compliance. In 2020, the bulk of this funding will be used to address deferred maintenance on park shelters.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	100,000	100,000	0	100,000	100,000	100,000	500,000
1% for the Arts	1,000	1,000	0	1,000	1,000	1,000	5,000
Total	101,000	101,000	0	101,000	101,000	101,000	505,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Parks Improvement Fund	101,000	101,000	0	101,000	101,000	101,000	505,000
Balance							
Total	101,000	101,000	0	101,000	101,000	101,000	505,000

**City of Loveland
Capital Improvement Program**

51-Parks & Recreation

REQUEST NAME

P&R - Park Water Acquisition

REQUEST CODE

CIP-51-20-872

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Parks Water Acquisition

PROJECT PRIORITY #

1

PROJECT #

PKWATER

PROJECT AREA

No Project

PROJECT DESCRIPTION / NECESSITY

The City of Loveland Parks & Recreation Department must expand its water rights ownership in order to ensure the current service level at existing parks and new parks. The Parks Division currently leases water from time to time to supplement current owned water rights, and future leases may become less available to the division as developments in and around Loveland buy water shares.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Other Capital	200,000	400,000	400,000	0	0	0	1,000,000
Total	200,000	400,000	400,000	0	0	0	1,000,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	200,000	400,000	400,000	0	0	0	1,000,000
Total	200,000	400,000	400,000	0	0	0	1,000,000

**City of Loveland
Capital Improvement Program**

51-Parks & Recreation

REQUEST NAME

P&R - Parks & Recreation Center Land Acquisition

REQUEST CODE

CIP-51-20-846

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

P&R - Parks & Recreation Center Land Acquisition

PROJECT PRIORITY #

1

PROJECT #

20P-51-19-107

PROJECT AREA

CIP-51-19-107

PROJECT DESCRIPTION / NECESSITY



This request is for funding to acquire 18 acres of land adjacent to the existing Mehaffey Park. This land will be used as the site for a future recreation center and will also provide additional park land which can be improved and added to Mehaffey Park.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Land	227,500	227,500	0	0	0	0	455,000
Total	227,500	227,500	0	0	0	0	455,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	0	227,500	0	0	0	0	227,500
Recreation Capital Expansion Fee Fund Balance	227,500	0	0	0	0	0	227,500
Total	227,500	227,500	0	0	0	0	455,000

**City of Loveland
Capital Improvement Program**

51-Parks & Recreation

REQUEST NAME

P&R - Recreation Trails

REQUEST CODE

CIP-51-20-514

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

P&R - Recreation Trails

PROJECT PRIORITY #

1

PROJECT #

20P-51-19-010

PROJECT AREA

CIP-51-19-010

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.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	940,000	0	0	1,100,000	600,000	3,252,000	5,892,000
Design/Architect	205,000	0	0	200,000	200,000	939,000	1,544,000
1% for the Arts	5,000	0	0	0	0	22,640	27,640
Total	1,150,000	0	0	1,300,000	800,000	4,213,640	7,463,640

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Conservation Trust Fund Balance	500,000	0	0	1,300,000	800,000	1,927,000	4,527,000
Trails Capital Expansion Fee Fund Balance	650,000	0	0	0	0	2,286,640	2,936,640
Total	1,150,000	0	0	1,300,000	800,000	4,213,640	7,463,640

Operating Budget

Expenses	2020	2021	2022	2023	2024	2025-2029	Total
O & M Ongoing	6,000	6,000	6,000	6,000	6,000	24,000	54,000
Total	6,000	6,000	6,000	6,000	6,000	24,000	54,000

**City of Loveland
Capital Improvement Program**

D-232-Engineering

REQUEST NAME

TRANS - 29th and Madison Intersection Improvements

REQUEST CODE

CIP-D-232-20-535

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT DESCRIPTION / NECESSITY



The 29th Street and Madison Avenue Intersection Improvements project was funded by a 2016 City Council supplemental appropriation (\$500,000) for additional transportation projects intended to provide congestion relief on US 34. This project, along with the Madison Avenue Improvements - Silver Leaf to 29th project, are the first of three construction phases for the Madison Avenue corridor. This project includes the construction of a 2-lane, 4-leg modern roundabout. The design and right-of-way phases will be funded and completed earlier with the 29th/Madison Intersection and Corridor Design project. This route is a major feed from northwest Loveland to US 34, east to I-25 and other locations.

This first construction phase is planned for 2023.

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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	0	0	2,007,000	0	0	2,007,000
1% for the Arts	0	0	0	20,070	0	0	20,070
Total	0	0	0	2,027,070	0	0	2,027,070

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	0	0	0	405,414	0	0	405,414
Streets Capital Expansion	0	0	0	1,621,656	0	0	1,621,656
Fee Fund Balance	0	0	0	0	0	0	0
Total	0	0	0	2,027,070	0	0	2,027,070

**City of Loveland
Capital Improvement Program**

211-23-232-1701-211 - PW's - Transportation Program

REQUEST NAME

TRANS - 29th/Madison Intersec. and Corridor Design

REQUEST CODE

CIP-211-23-232-1701-20-859

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The 29th/Madison Intersection and Corridor Design project consists of the design and right-of-way acquisition for a 3-Phase corridor construction project on Madison Avenue between Silver Leaf Drive and 37th Street. This route is a major feed from northwest Loveland to US 34, east to I-25 and other locations and is intended to provide congestion relief on US 34.

Design will begin in 2019 with right-of-way acquisition in 2021-2022 and construction beginning in 2023. The three construction phases are as follows:

- Phase 1 - Madison Avenue widening from Silver Leaf Drive to 29th Street. Construction will include improvements to the Madison/29th intersection.
- Phase 2 - Construction consists of a roundabout at the Madison/37th intersection.
- Phase 3 - Madison Avenue widening from 29th Street to 37th Street.

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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	734,825	170,895	113,930	0	0	0	1,019,650
Right of Way (ROW)	0	250,000	250,000	0	0	0	500,000
Total	734,825	420,895	363,930	0	0	0	1,519,650

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	450,000	76,000	76,000	0	0	0	602,000
Streets Capital Expansion	284,825	344,895	287,930	0	0	0	917,650
Fee Fund Balance							
Total	734,825	420,895	363,930	0	0	0	1,519,650

**City of Loveland
Capital Improvement Program**

211-23-232-1701-211 - PW's - Transportation Program

REQUEST NAME

TRANS - 37th and Madison Intersection Improvements

REQUEST CODE

CIP-211-23-232-1701-20-868

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The 37th Street and Madison Avenue Intersection Improvements project is the second of three construction phases for the Madison Avenue corridor intended to provide congestion relief on US 34. This project includes the construction of a single-lane, 4-leg modern roundabout. The design and right-of-way phases will be funded and completed earlier with the 29th/Madison Intersection and Corridor Design project. This route is a major feed from northwest Loveland to US 34, east to I-25 and other locations.

This second construction phase is planned for 2024.

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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	0	0	0	2,007,000	0	2,007,000
1% for the Arts	0	0	0	0	20,070	0	20,070
Total	0	0	0	0	2,027,070	0	2,027,070

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Streets Capital Expansion	0	0	0	0	1,621,656	0	1,621,656
Fee Fund Balance	0	0	0	0	405,414	0	405,414
Total	0	0	0	0	2,027,070	0	2,027,070

**City of Loveland
Capital Improvement Program**

D-232-Engineering

REQUEST NAME

TRANS - 37th St. Improvements-US 287 to Dry Creek

REQUEST CODE

CIP-D-232-20-536

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

37th Street Improvements US287 to Lincoln

PROJECT PRIORITY #

1

PROJECT #

EN1802

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



The 37th Street Improvements - US 287 to Dry Creek project is a continuation of a larger project that began design in 2018 and will begin construction in 2019. The larger project constructs improvements on 37th Street from US 287 to Monroe Avenue and includes a bridge over Dry Creek, a new section of roadway and a roundabout at 37th Street and Monroe Avenue. During the latter part of project design, the design consultant informed the City that construction costs have risen from the initial estimate. The rise in construction costs stem from the need for a free-span bridge versus box culverts and an increase in construction material and utility locating costs. Because of the cost increase, the project will be broken up into two construction phases with the bridge over Dry Creek constructed in the second phase during 2020. It is estimated that an additional \$1,900,000 will be required to construct Phase 2 of this project. Including 1% for the Arts, we are requesting that \$1,919,000 in Capital Expansion Fees be appropriated in 2020 to complete this project.

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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	1,900,000	0	0	0	0	0	1,900,000
1% for the Arts	19,000	0	0	0	0	0	19,000
Total	1,919,000	0	0	0	0	0	1,919,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Streets Capital Expansion	1,919,000	0	0	0	0	0	1,919,000
Fee Fund Balance	1,919,000	0	0	0	0	0	1,919,000
Total	1,919,000	0	0	0	0	0	1,919,000

**City of Loveland
Capital Improvement Program**

211-23-232-1701-211 - PW's - Transportation Program

REQUEST NAME

TRANS - 57th and Taft Intersection Improvements

REQUEST CODE

CIP-211-23-232-1701-20-879

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The 57th Street and Taft Avenue Intersection Improvements project consists of replacing the existing span-wire traffic signals with pole and mast arm traffic signals at the ultimate design location, extension of an existing box culvert and making ultimate improvements to the approach roadways.

The design phase is planned for 2026 and the construction phase is planned for 2027.

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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	0	0	0	0	0	152,000	152,000
Construction	0	0	0	0	0	1,361,500	1,361,500
1% for the Arts	0	0	0	0	0	13,615	13,615
Total	0	0	0	0	0	1,527,115	1,527,115

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	0	0	0	0	0	305,423	305,423
Streets Capital Expansion	0	0	0	0	0	1,221,692	1,221,692
Fee Fund Balance	0	0	0	0	0		
Total	0	0	0	0	0	1,527,115	1,527,115

**City of Loveland
Capital Improvement Program**

211-23-232-1701-211 - PW's - Transportation Program

REQUEST NAME

TRANS - 57th and Wilson Intersection Improvements

REQUEST CODE

CIP-211-23-232-1701-20-871

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The 57th Street and Wilson Avenue Intersection Improvements project is intended to provide a safer environment for the traveling public. In the past five years, there have been 19 accidents at this intersection with the majority of the accidents involving left turn movements and almost half of the accidents resulting in an injury. Considering the increased traffic and accidents at this intersection, it is time for a signalized intersection. This project includes the construction of a fully signalized intersection with the signal poles and mast arms set at the ultimate roadway design location.

The design phase is planned for 2020 and the construction phase is planned for 2021.

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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	82,500	0	0	0	0	0	82,500
Construction	0	742,500	0	0	0	0	742,500
1% for the Arts	0	7,425	0	0	0	0	7,425
Total	82,500	749,925	0	0	0	0	832,425

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	16,500	149,985	0	0	0	0	166,485
Streets Capital Expansion	66,000	599,940	0	0	0	0	665,940
Fee Fund Balance							
Total	82,500	749,925	0	0	0	0	832,425

**City of Loveland
Capital Improvement Program**

D-232-Engineering

REQUEST NAME

TRANS - 57th Reconstruction - Wilson to Taft

REQUEST CODE

CIP-D-232-20-537

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The 57th Street Reconstruction - Wilson Avenue to Taft Avenue project consists of the reconstruction of approximately 1 mile of 2-lane rural road to meet current 2-lane Arterial Roadway standard. 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.

The design phase is planned for 2027 and the construction phase is planned for 2028.

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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	0	0	0	0	0	300,000	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	0	5,552,000	5,552,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Streets Capital Expansion	0	0	0	0	0	2,326,288	2,326,288
Fee Fund Balance	0	0	0	0	0	3,225,712	3,225,712
General Fund Balance	0	0	0	0	0	0	0
Total	0	0	0	0	0	5,552,000	5,552,000

**City of Loveland
Capital Improvement Program**

D-232-Engineering

REQUEST NAME

TRANS - Annual Bike Route Signing and Striping

REQUEST CODE

CIP-D-232-20-541

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Transportation Alt

PROJECT PRIORITY #

1

PROJECT #

20ANS-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

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	2,000	2,000	3,500	3,500	3,500	18,000	32,500
Construction	18,000	18,000	31,500	31,500	31,500	162,000	292,500
Total	20,000	20,000	35,000	35,000	35,000	180,000	325,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	10,000	10,000	17,500	17,500	17,500	90,000	162,500
Streets Capital Expansion	10,000	10,000	17,500	17,500	17,500	90,000	162,500
Fee Fund Balance							
Total	20,000	20,000	35,000	35,000	35,000	180,000	325,000

**City of Loveland
Capital Improvement Program**

D-232-Engineering

REQUEST NAME

TRANS - Annual Bike, PED and ADA Ramps

REQUEST CODE

CIP-D-232-20-542

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Transportation Alt

PROJECT PRIORITY #

1

PROJECT #

20ANS-ALT

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



This request is to add \$250,000, in perpetuity, to the existing Annual Bike, PED (Pedestrian) and ADA (Americans with Disabilities Act) Ramps project. The funds will be used to increase the rates of replacement of both substandard ADA ramps and sidewalk infrastructure gaps. This will provide a direct safety and connectivity benefit to the general public and to those who face mobility challenges due to disability. It should be noted that, due to state statutes, Capital Expansion Fees may not be used to fund this need.

The City of Loveland has over 2,500 identified sidewalk gaps and approximately 3,000 substandard ADA ramps. At current funding levels, it will take approximately 400 years to eliminate these public safety deficiencies. The 2012 Bicycle and Pedestrian Plan, which is currently being updated, lists only the first 300 sidewalk gaps at a total cost ranging from a low of \$7 million to a high of \$14 million. The additional funding requested will double the current funding and will greatly benefit pedestrian safety and increase walkability by reducing the substandard infrastructure more quickly. A larger fund pool will also have a cost benefit by allowing the bidding of a larger annual construction project, which will, in turn, provide the City with more economical construction costs.

Dependent on workload, Transportation Engineering either designs the construction plans in-house or contracts with an engineering consultant. Dependent on site constraints, current funding levels allow for design of 3 to 6 gap locations annually, which are then bid as a single construction project. Transportation Engineering manages the project from design through construction.

The General Fund total includes 1% for the Arts.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	50,000	50,000	50,000	55,000	55,000	290,000	550,000
Construction	456,817	472,022	487,683	498,813	515,427	2,829,330	5,260,092
1% for the Arts	4,568	4,720	4,877	4,988	5,154	28,293	52,600
Total	511,385	526,742	542,560	558,801	575,581	3,147,623	5,862,692

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	511,385	526,742	542,560	558,801	575,581	3,147,623	5,862,692
Total	511,385	526,742	542,560	558,801	575,581	3,147,623	5,862,692

**City of Loveland
Capital Improvement Program**

D-232-Engineering

REQUEST NAME

TRANS - Annual Bridge Maintenance

REQUEST CODE

CIP-D-232-20-543

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Transportation Bridge

PROJECT PRIORITY #

1

PROJECT #

20ANS-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.

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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	20,000	20,000	20,000	30,000	30,000	165,000	285,000
Construction	158,364	166,713	175,313	274,121	283,246	1,548,075	2,605,832
1% for the Arts	1,584	1,667	1,753	2,741	2,832	15,481	26,058
Total	179,948	188,380	197,066	306,862	316,078	1,728,556	2,916,890

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	179,948	188,380	197,066	306,862	316,078	1,728,556	2,916,890
Total	179,948	188,380	197,066	306,862	316,078	1,728,556	2,916,890

**City of Loveland
Capital Improvement Program**

D-232-Engineering

REQUEST NAME

TRANS - Annual Extended Projects

REQUEST CODE

CIP-D-232-20-546

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Transportation Mini Project

PROJECT PRIORITY #

1

PROJECT #

20ANS-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

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	50,000	50,000	200,000	200,000	200,000	1,000,000	1,700,000
1% for the Arts	500	500	2,000	2,000	2,000	10,000	17,000
Total	50,500	50,500	202,000	202,000	202,000	1,010,000	1,717,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	50,500	50,500	202,000	202,000	202,000	1,010,000	1,717,000
Total	50,500	50,500	202,000	202,000	202,000	1,010,000	1,717,000

**City of Loveland
Capital Improvement Program**

D-235-Traffic Engineering

REQUEST NAME

TRANS - Annual ITS and Communications Program

REQUEST CODE

CIP-D-235-20-539

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Intelligent Transportation System & Signals

PROJECT PRIORITY #

1

PROJECT #

20ITSC

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

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	131,925	141,159	151,040	161,613	172,925	1,064,064	1,822,726
1% for the Arts	1,319	1,412	1,510	1,616	1,729	10,640	18,226
Total	133,244	142,571	152,550	163,229	174,654	1,074,704	1,840,952

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	133,244	142,571	152,550	163,229	174,654	1,074,704	1,840,952
Total	133,244	142,571	152,550	163,229	174,654	1,074,704	1,840,952

**City of Loveland
Capital Improvement Program**

D-232-Engineering

REQUEST NAME

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

REQUEST CODE

CIP-D-232-20-547

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Transportation ROW

PROJECT PRIORITY #

1

PROJECT #

20ANS-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

	2020	2021	2022	2023	2024	2025-2029	Total
Right of Way (ROW)	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

	2020	2021	2022	2023	2024	2025-2029	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 - Annual Small Capital Projects

REQUEST CODE

CIP-D-232-20-548

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Transportation Mini Project

PROJECT PRIORITY #

1

PROJECT #

20ANS-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

	2020	2021	2022	2023	2024	2025-2029	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

	2020	2021	2022	2023	2024	2025-2029	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**

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

REQUEST NAME

TRANS - Boise Traffic Calming - US34 to Park Dr.

REQUEST CODE

CIP-211-23-232-1701-20-875

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

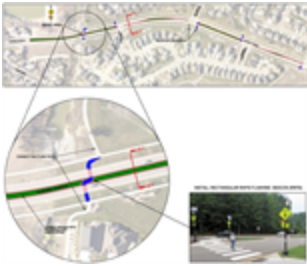
PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The Boise Avenue Traffic Calming - US 34 to Park Drive project is intended to provide roadway infrastructure improvements along Boise Avenue in helping to address the public concerns for pedestrian safety, speed and provide a balance between all corridor users. In 2016, the City hired an engineering consultant to address the public's concerns along Boise Avenue north of US 34. The consultant provided its findings with solutions in their report titled 'North Boise Avenue Corridor Study Report'. The consultant has recommended several medians, intersection bump-outs, a rectangular rapid flashing beacon (RRFB) and restriping of the corridor as solutions to calming traffic and providing increased safety for pedestrians.

The design phase is planned for 2020 and the construction phase is planned for 2021.

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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	191,727	0	0	0	0	0	191,727
Construction	0	1,917,273	0	0	0	0	1,917,273
1% for the Arts	0	19,173	0	0	0	0	19,173
Total	191,727	1,936,446	0	0	0	0	2,128,173

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	191,727	1,936,446	0	0	0	0	2,128,173
Total	191,727	1,936,446	0	0	0	0	2,128,173

**City of Loveland
Capital Improvement Program**

211-23-232-1701-211 - PW's - Transportation Program

REQUEST NAME

TRANS - Boyd Lake Ave. - LCR 20E to Mtn. Lion Dr.

REQUEST CODE

CIP-211-23-232-1701-20-877

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The Boyd Lake Avenue - LCR 20E to Mountain Lion Drive Widening project consists of widening of Boyd Lake Avenue from Mountain Lion Drive to Larimer County Road 20E to a Major Arterial (4-lane) roadway standard.

The design phase is planned for 2024 and the construction phase is planned for 2025.

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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	0	0	0	0	348,000	0	348,000
Construction	0	0	0	0	0	3,126,000	3,126,000
1% for the Arts	0	0	0	0	0	31,260	31,260
Total	0	0	0	0	348,000	3,157,260	3,505,260

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	0	0	0	0	89,784	814,573	904,357
Streets Capital Expansion	0	0	0	0	258,216	2,342,687	2,600,903
Fee Fund Balance	0	0	0	0	0	0	0
Total	0	0	0	0	348,000	3,157,260	3,505,260

**City of Loveland
Capital Improvement Program**

D-232-Engineering

REQUEST NAME

TRANS - Cleveland Avenue Traffic Calming Study

REQUEST CODE

CIP-D-232-20-557

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Cleveland Avenue Traffic Calming (Foundry)

PROJECT PRIORITY #

1

PROJECT #

201709

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	170,000	0	0	0	0	0	170,000
Total	170,000	0	0	0	0	0	170,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	170,000	0	0	0	0	0	170,000
Total	170,000	0	0	0	0	0	170,000

**City of Loveland
Capital Improvement Program**

D-232-Engineering

REQUEST NAME

TRANS - Developer Reimbursements

REQUEST CODE

CIP-D-232-20-549

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

TRANS - Developer Reimbursements

PROJECT PRIORITY #

1

PROJECT #

20P-D-232-19-054

PROJECT AREA

CIP-D-232-19-054

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 2020-2029 include:

- US 34/Sculptor Drive intersection
- Sculptor Drive from the intersection of US 34 south through Mountain Lion Drive intersection
- Taft Avenue/14th Street SW intersection

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Developer Reimbursements	374,000	269,000	152,000	52,000	0	0	847,000
Total	374,000	269,000	152,000	52,000	0	0	847,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	16,000	9,800	0	0	0	0	25,800
Streets Capital Expansion	358,000	259,200	152,000	52,000	0	0	821,200
Fee Fund Balance							
Total	374,000	269,000	152,000	52,000	0	0	847,000

**City of Loveland
Capital Improvement Program**

D-232-Engineering

REQUEST NAME

TRANS - Madison Ave Improve - Silver Leaf to 29th

REQUEST CODE

CIP-D-232-20-560

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT DESCRIPTION / NECESSITY



The Madison Avenue Improvements - Silver Leaf to 29th project, along with the 29th and Madison Intersection Improvements project, are the first of three construction phases for the Madison Avenue corridor intended to provide congestion relief on US 34. This project includes widening of Madison Avenue from Silver Leaf to 29th Street to a Major Arterial (4-lane) roadway standard. The design and right-of-way phases will be funded and completed earlier with the 29th/Madison Intersection and Corridor Design project. This route is a major feed from northwest Loveland to US 34, east to I-25 and other locations.

This first construction phase is planned for 2023.

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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	0	0	3,168,000	0	0	3,168,000
1% for the Arts	0	0	0	31,680	0	0	31,680
Total	0	0	0	3,199,680	0	0	3,199,680

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	0	0	0	326,367	0	0	326,367
Streets Capital Expansion	0	0	0	2,873,313	0	0	2,873,313
Fee Fund Balance	0	0	0	2,873,313	0	0	2,873,313
Total	0	0	0	3,199,680	0	0	3,199,680

**City of Loveland
Capital Improvement Program**

D-232-Engineering

REQUEST NAME

TRANS - Madison Avenue Improvements - 29th to 37th

REQUEST CODE

CIP-D-232-20-559

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT DESCRIPTION / NECESSITY



The Madison Avenue Improvements - 29th to 37th project is the final of three construction phases for the Madison Avenue corridor intended to provide congestion relief on US 34. This project includes widening of Madison Avenue from 29th Street to 37th Street to a Minor Arterial (2-lane) roadway standard. The design and right-of-way phases will be funded and completed earlier with the 29th/Madison Intersection and Corridor Design project. This route is a major feed from northwest Loveland to US 34, east to I-25 and other locations.

This final construction phase is planned for 2025.

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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	0	0	0	0	1,994,850	1,994,850
1% for the Arts	0	0	0	0	0	19,949	19,949
Total	0	0	0	0	0	2,014,799	2,014,799

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	0	0	0	0	0	1,682,356	1,682,356
Streets Capital Expansion	0	0	0	0	0	332,443	332,443
Fee Fund Balance	0	0	0	0	0	0	0
Total	0	0	0	0	0	2,014,799	2,014,799

**City of Loveland
Capital Improvement Program**

D-232-Engineering

REQUEST NAME

TRANS - Mill Levy Pass-Through to Larimer County

REQUEST CODE

CIP-D-232-20-555

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Mill Levy Pass-Through

PROJECT PRIORITY #

1

PROJECT #

201705

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

	2020	2021	2022	2023	2024	2025-2029	Total
Payment to Outside Agencies	200,000	200,000	0	0	0	0	400,000
Total	200,000	200,000	0	0	0	0	400,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	200,000	200,000	0	0	0	0	400,000
Total	200,000	200,000	0	0	0	0	400,000

**City of Loveland
Capital Improvement Program**

211-23-232-1701-211 - PW's - Transportation Program

REQUEST NAME

TRANS - Monroe and 33rd Intersection Improvements

REQUEST CODE

CIP-211-23-232-1701-20-878

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The Monroe Avenue and 33rd Street Intersection Improvements project consists of constructing a mini roundabout within the intersection. Currently, the intersection consists of a 4-way stop condition with the north leg containing a large median where a Cottonwood tree used to reside. The north/south lanes have a 12-foot horizontal offset through the intersection. The proposed mini roundabout will increase traffic and pedestrian safety through the intersection and it will also result in traffic calming for the neighborhood. With the projects that the City is constructing to the north, we anticipate additional traffic down this corridor.

The design phase is planned for 2026 and the construction phase is planned for 2027.

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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	0	0	0	0	0	50,000	50,000
Construction	0	0	0	0	0	450,000	450,000
1% for the Arts	0	0	0	0	0	4,500	4,500
Total	0	0	0	0	0	504,500	504,500

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	0	0	0	0	0	100,900	100,900
Streets Capital Expansion	0	0	0	0	0	403,600	403,600
Fee Fund Balance	0	0	0	0	0	0	0
Total	0	0	0	0	0	504,500	504,500

**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-211-23-232-1700-20-552

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT DESCRIPTION / NECESSITY



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, supporting Traffic Operations on 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.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	80,000	20,000	80,000	20,000	80,000	220,000	500,000
Construction	7,218,152	8,362,526	8,300,614	10,081,119	9,584,212	54,890,811	98,437,434
1% for the Arts	72,182	83,625	83,006	100,811	95,842	548,907	984,373
Total	7,370,334	8,466,151	8,463,620	10,201,930	9,760,054	55,659,718	99,921,807

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	1,634,381	2,607,788	2,480,088	4,090,390	3,517,579	22,373,945	36,704,171

City of Loveland
Capital Improvement Program

	2020	2021	2022	2023	2024	2025-2029	Total
Highway Users Tax	2,087,711	2,108,419	2,129,126	2,149,834	2,170,542	11,163,709	21,809,341
Faster Distribution	584,038	593,815	603,592	613,369	623,146	3,262,679	6,280,639
Transportation Fee	3,064,204	3,156,129	3,250,814	3,348,337	3,448,787	18,859,385	35,127,656
Total	7,370,334	8,466,151	8,463,620	10,201,930	9,760,054	55,659,718	99,921,807

**City of Loveland
Capital Improvement Program**

211-23-232-1701-211 - PW's - Transportation Program

REQUEST NAME

TRANS - Taft and Eisenhower Intersection Improve.

REQUEST CODE

CIP-211-23-232-1701-20-884

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Taft Ave/Eisenhow Intersection (Plan, ROW, Constru

PROJECT PRIORITY #

1

PROJECT #

EN1703

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



The Taft and Eisenhower Intersection Improvements 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. \$3,330,637 of the project cost is being funded by a Congestion Mitigation & Air Quality (CMAQ) awarded grant from the North Front Range Metropolitan Planning Organization.

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

Additional project information is available through the Public Works Department. Costs shown are

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	0	500,000	0	0	0	0	500,000
Construction	0	0	4,700,000	0	0	0	4,700,000
1% for the Arts	0	0	13,694	0	0	0	13,694
Total	0	500,000	4,713,694	0	0	0	5,213,694

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	0	155,500	430,129	0	0	0	585,629
Streets Capital Expansion	0	344,500	952,928	0	0	0	1,297,428
Fee Fund Balance	0	0	3,330,637	0	0	0	3,330,637
Federal Grant - Capital	0	0	0	0	0	0	0
Total	0	500,000	4,713,694	0	0	0	5,213,694

**City of Loveland
Capital Improvement Program**

211-23-232-1701-211 - PW's - Transportation Program

REQUEST NAME

TRANS - Taft Avenue Widening - Westshore to 22nd

REQUEST CODE

CIP-211-23-232-1701-20-880

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The Taft Avenue Widening - Westshore Drive to 22nd Street project consists of widening Taft Avenue from Westshore Drive to 22nd Street to a Major Arterial (4-lane) roadway standard. This project is a continuation from the Taft Avenue Phase II project consisting of widening Taft Avenue to 29th Street to a Major Arterial (4-lane) roadway standard.

The design phase is planned for 2028 and the construction phase is planned for 2029.

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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	0	0	0	0	0	734,000	734,000
Construction	0	0	0	0	0	6,606,000	6,606,000
1% for the Arts	0	0	0	0	0	66,060	66,060
Total	0	0	0	0	0	7,406,060	7,406,060

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	0	0	0	0	0	2,347,721	2,347,721
Streets Capital Expansion	0	0	0	0	0	5,058,339	5,058,339
Fee Fund Balance	0	0	0	0	0	0	0
Total	0	0	0	0	0	7,406,060	7,406,060

**City of Loveland
Capital Improvement Program**

D-235-Traffic Engineering

REQUEST NAME

TRANS - Traffic Optimization (Phase II)

REQUEST CODE

CIP-D-235-20-540

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Traffic Signal Optimization

PROJECT PRIORITY #

1

PROJECT #

201713

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

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	776,400	0	0	0	0	0	776,400
1% for the Arts	1,600	0	0	0	0	0	1,600
Design/Architect	22,000	0	0	0	0	0	22,000
Total	800,000	0	0	0	0	0	800,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Federal Grants	640,000	0	0	0	0	0	640,000
General Fund Balance	22,000	0	0	0	0	0	22,000
Streets Capital Expansion	138,000	0	0	0	0	0	138,000
Fee Fund Balance	138,000	0	0	0	0	0	138,000
Total	800,000	0	0	0	0	0	800,000

**City of Loveland
Capital Improvement Program**

211-23-232-1701-211 - PW's - Transportation Program

REQUEST NAME

TRANS - US 34 Widening - Centerra to LCR 3

REQUEST CODE

CIP-211-23-232-1701-20-562

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

20N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The US 34 Widening - Centerra Parkway to Larimer County Road 3 project is for the widening of eastbound and westbound US 34 to include a third through lane from Centerra Parkway to Larimer County Road 3, including the Larimer County Road 3 intersection (depending on available funding). As part of this project, curb, gutter, and sidewalk gaps will be filled along both sides of the highway.

Design will be finalized in 2024, right-of-way acquisition taking place in 2024 to 2025 and construction commencing in 2025.

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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	0	0	0	0	6,957,000	6,957,000
1% for the Arts	0	0	0	0	0	30,920	30,920
Design/Architect	0	0	0	0	773,000	0	773,000
Total	0	0	0	0	773,000	6,987,920	7,760,920

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	0	0	0	0	573,566	2,317,205	2,890,771
Streets Capital Expansion	0	0	0	0	199,434	805,715	1,005,149
Fee Fund Balance	0	0	0	0	0	3,865,000	3,865,000
Federal Grant - Capital	0	0	0	0	0	0	0
Total	0	0	0	0	773,000	6,987,920	7,760,920

**City of Loveland
Capital Improvement Program**

211-23-232-1701-211 - PW's - Transportation Program

REQUEST NAME

TRANS - US 34 Widening - Denver to Rocky Mountain

REQUEST CODE

CIP-211-23-232-1701-20-561

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

20N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The US 34 Widening - Denver Avenue to Rocky Mountain Avenue project is for the widening of eastbound and westbound US 34 to include a third through lane from Denver Avenue to Rocky Mountain Avenue. As part of this project, curb, gutter, and sidewalk gaps will be filled along both sides of the highway. This project does not include construction of the center median hardscape. \$1,361,496 of the project cost is being funded by a Surface Transportation Block Grant (STBG) awarded grant from the North Front Range Metropolitan Planning Organization.

Construction in 2020 will consist of sidewalk on the north side of US 34 between Fall River Drive and Rocky Mountain Avenue. Design of the eastbound third through lane will occur in 2022. Construction of the eastbound third through lane will commence in 2023.

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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	482,368	0	0	1,480,067	0	0	1,962,435
1% for the Arts	832	0	0	1,186	0	0	2,018
Design/Architect	0	0	164,451	0	0	0	164,451
Total	483,200	0	164,451	1,481,253	0	0	2,128,904

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
General Fund Balance	42,237	0	83,541	60,836	0	0	186,614
Streets Capital Expansion	40,963	0	80,910	58,921	0	0	180,794
Fee Fund Balance							
Federal Grant - Capital	400,000	0	0	1,361,496	0	0	1,761,496
Total	483,200	0	164,451	1,481,253	0	0	2,128,904

2019-2028 Water Utility Capital Program

	2020	2021	2022	2023	2024	Five Year Total	2025	2026	2027	2028	2029	Ten Year Total	
Revenue													
Beginning Balance	\$ 6,661,174	\$ 4,845,503	\$ 7,805,529	\$ 7,228,361	\$ 7,743,904	\$ 6,661,174	\$ 11,807,149	\$ 11,152,462	\$ 10,593,086	\$ 12,378,884	\$ 13,936,626	\$ 6,661,174	
A Operating Revenues	4,500,582	5,201,280	6,450,270	7,509,140	7,818,300	31,479,572	8,135,540	7,721,180	8,988,600	9,461,680	9,885,380	75,671,952	A
B SIF Revenues	1,914,381	2,729,670	2,820,496	2,835,929	2,865,450	13,165,925	3,246,268	3,288,074	3,311,003	3,238,366	3,350,011	29,599,648	B
C Interest on Investments	\$199,840	\$135,670	\$210,750	\$202,390	\$255,550	1,004,200	\$413,250	\$412,640	\$402,540	\$482,780	\$543,530	3,258,940	C
D General Fund Contribution	\$750,000	\$750,000	\$750,000	\$0	\$0	2,250,000	\$0	\$0	\$0	\$0	\$0	2,250,000	D
E External Loan Receipts	\$6,500,000	\$0	\$0	\$5,000,000	\$11,700,000	23,200,000	\$3,000,000	\$3,000,000	\$4,000,000	\$0	\$8,000,000	41,200,000	E
F Internal Loan Repayment	(772,500)	(761,250)	-	-	-	(1,533,750)	-	-	-	-	-	(1,533,750)	F
G External Loan Repayment	(1,015,593)	(1,393,416)	(1,392,058)	(1,390,073)	(1,681,616)	(6,872,757)	(2,343,416)	(2,517,889)	(2,691,568)	(2,927,280)	(2,925,742)	(20,278,652)	G
Total Revenue	\$ 18,737,883	\$ 11,507,457	\$ 16,644,987	\$ 21,385,746	\$ 28,701,588	\$ 69,354,364	\$ 24,258,790	\$ 23,056,467	\$ 24,603,662	\$ 22,634,430	\$ 32,789,805	\$ 136,829,311	
Expenditures													
Capital Projects													
1 WA - 16" P8 Waterline Extension on E Eisenhower	351,000	-	381,470	863,348	786,647	2,382,465	-	-	-	-	-	2,382,465	1
2 WA - 16" Waterline in Granite St	-	-	-	-	-	-	43,340	615,658	-	-	-	658,998	2
3 WA - 2.0 MG Dakota Ridge Buried Concrete Tank PZ2	-	-	-	-	-	-	-	-	-	-	799,920	799,920	3
4 WA - 29th Street 5.0 MG Storage Tank #2	8,829,000	-	-	-	-	8,829,000	-	-	-	-	-	8,829,000	4
5 WA - 3.5 MG 43rd St Tank #2	-	-	-	-	574,510	574,510	8,160,386	-	-	-	-	8,734,896	5
6 WA - 34" Waterline Valve Insertions	-	227,265	-	-	-	227,265	-	-	-	-	-	227,265	6
7 WA - 36" Transmission Line Relining	-	-	-	-	-	-	-	400,510	5,688,841	-	-	6,089,351	7
8 WA - 37th Street Waterline Connection	151,500	-	-	-	-	151,500	-	-	-	-	-	151,500	8
9 WA - 402 Waterline Extension	-	-	163,020	770,440	10,943,338	11,876,798	-	-	-	-	-	11,876,798	9
10 WA - Backwash Pumps	-	131,613	-	-	-	131,613	-	-	-	-	-	131,613	10
11 WA - Cathodic Protection Installation 24" & 48"	32,000	454,530	-	-	-	486,530	-	-	-	-	-	486,530	11
12 WA - Chasteens Grove Water Booster Station	-	-	-	-	-	-	-	-	-	-	145,440	145,440	12
13 WA - East Gravity Zone	100,000	200,160	3,495,174	7,545,750	-	11,341,084	-	-	-	1,325,350	15,336,669	28,003,103	14
14 WA - FCLWD Interconnect at Crossroads Tank	-	-	-	-	-	-	-	-	-	22,320	317,059	339,379	15
15 WA - Fire Training Grounds Water Metering	8,000	113,633	-	-	-	121,633	-	-	-	-	-	121,633	16
16 WA - Mariana Butte Pump Station Pump Replacement	-	-	-	-	-	-	-	-	20,070	443,645	-	463,715	17
17 WA - Morning Drive Pump Station MCC Upgrade	-	-	-	22,660	262,212	284,872	-	-	-	-	-	284,872	18
18 WA - Namaqua Hills Pump Station	777,000	-	-	-	-	777,000	-	-	-	-	-	777,000	19
19 WA - Oversizing & Extensions	105,000	234,570	81,510	84,970	88,590	594,640	92,350	96,280	100,370	104,630	109,080	1,097,350	20
20 WA - PLC Processors	-	-	38,040	400,516	-	438,556	-	-	-	-	-	438,556	21
21 WA - Pre Soda Ash System Rehab	-	-	13,040	185,250	-	198,290	-	-	-	-	-	198,290	22
22 WA - Service Center Expansion	-	-	-	-	-	-	-	6,028,802	-	-	-	6,028,802	23
23 WA - Water Line Replacement Projects	2,292,000	1,799,355	3,124,570	3,434,108	3,862,942	14,512,975	4,446,392	4,942,801	5,618,577	6,311,479	6,154,302	41,986,526	24
24 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	25
25 WA - WTP Admin/Office Renovation	-	104,250	1,206,358	-	-	1,310,608	-	-	-	-	-	1,310,608	26
26 WA - WTP Backwash Pond #8	-	-	-	-	-	-	-	-	-	78,130	1,109,711	1,187,841	27
27 WA - WTP Cold Storage Building	252,500	-	-	-	-	252,500	-	-	-	-	-	252,500	13
28 WA - WTP Filter Building 2 Concrete Wall Repair	-	41,700	592,304	-	-	634,004	-	-	-	-	-	634,004	28
29 WA - WTP Fire Pump Load Shedding	7,500	86,792	-	-	-	94,292	-	-	-	-	-	94,292	29
Subtotal Capital Projects	\$ 13,103,500	\$ 3,600,288	\$ 9,310,666	\$ 13,531,372	\$ 16,752,109	\$ 56,297,935	\$ 12,986,268	\$ 12,338,221	\$ 11,692,828	\$ 8,561,784	\$ 24,260,161	126,137,197	
New & Replacement Equipment													
30 WA - FME Safe Integration Software	20,000	-	-	-	-	-	-	-	-	-	-	20,000	30
31 WA - Lab Equipment New	300,000	-	-	-	-	-	-	-	401,470	-	-	701,470	31
32 WA - Lab Equipment Replacement	-	-	-	-	27,170	-	-	-	-	-	36,360	63,530	32

	2020	2021	2022	2023	2024	Five Year Total	2025	2026	2027	2028	2029	Ten Year Total	
33 WA - Replace Stand Alone Servers (DCWP)	7,280	-	-	-	-	-	-	-	-	-	-	7,280	33
34 WA - Service Center Renovations	250,000	101,640	105,960	110,470	115,160	683,230	120,060	125,160	130,480	136,020	141,800	1,336,750	34
35 WA - Utility Locator	9,800	-	-	-	-	-	-	-	-	-	-	9,800	35
36 WA - Vehicle Replacements	201,800	-	-	-	-	-	-	-	-	-	-	201,800	36
Subtotal New & Replacement Equipment	\$ 788,880	\$ 101,640	\$ 105,960	\$ 110,470	\$ 142,330	\$ 1,249,280	\$ 120,060	\$ 125,160	\$ 531,950	\$ 136,020	\$ 178,160	2,340,630	
Total Capital Expenditures	\$ 13,892,380	\$ 3,701,928	\$ 9,416,626	\$ 13,641,842	\$ 16,894,439	\$ 57,547,215	\$ 13,106,328	\$ 12,463,381	\$ 12,224,778	\$ 8,697,804	\$ 24,438,321	\$ 128,477,827	
Reserve for Future Capital Projects	\$ 4,845,503	\$ 7,805,529	\$ 7,228,361	\$ 7,743,904	\$ 11,807,149	\$ 11,807,149	\$ 11,152,462	\$ 10,593,086	\$ 12,378,884	\$ 13,936,626	\$ 8,351,484	\$ 8,351,484	

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - 16" P8 Waterline Extension on E Eisenhower

REQUEST CODE

CIP-300-46-310-2903-20-936

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The City's water system is comprised of numerous pressure zones. All water infrastructure east of Boyd Lake Avenue and north of East Eisenhower is in the P8 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. This project will be done in phases.

- Phase 1 South of 34, Lot 1
- Phase 2 South of 34, Lot 2
- Phase 3 South of 34, Lot 3
- Phase 4 Under 34

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	48,000	0	52,170	176,750	70,870	0	347,790
Construction	300,000	0	326,040	679,800	708,690	0	2,014,530
1% for the Arts	3,000	0	3,260	6,798	7,087	0	20,145
Total	351,000	0	381,470	863,348	786,647	0	2,382,465

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water SIF Fund Balance	351,000	0	381,470	863,348	786,647	0	2,382,465
Total	351,000	0	381,470	863,348	786,647	0	2,382,465

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - 16" Waterline in Granite St

REQUEST CODE

CIP-300-46-310-2903-20-934

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Install a 16" water line in Granite Street between 57th Street and 50th Street. The 16" waterline will provide a valuable loop and has been recommend by hydraulic modeling studies. This waterline will ensure adequate levels of service in both pressure and flow to customers in North Loveland, and will provide needed redundancy in the event of a water line break.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	88,530	88,530
Construction	0	0	0	0	0	564,820	564,820
1% for the Arts	0	0	0	0	0	5,648	5,648
Total	0	0	0	0	0	658,998	658,998

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	0	0	0	0	0	329,499	329,499
Water SIF Fund Balance	0	0	0	0	0	329,499	329,499
Total	0	0	0	0	0	658,998	658,998

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - 2.0 MG Dakota Ridge Buried Concrete Tank PZ2

REQUEST CODE

CIP-300-46-310-2903-20-922

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Build a 2.0 MG Tank at Dakota Ridge for the P2 Zone. 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.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	799,920	799,920
Total	0	0	0	0	0	799,920	799,920

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	0	0	0	0	0	159,980	159,980
Water SIF Fund Balance	0	0	0	0	0	639,940	639,940
Total	0	0	0	0	0	799,920	799,920

**City of Loveland
Capital Improvement Program**

300-45-300-0000-300 - W&P 45 - TB

REQUEST NAME

WA - 29th Street 5.0 MG Storage Tank #2

REQUEST CODE

CIP-300-45-300-0000-20-747

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

5.0 MG Water Storage 29th St Tank #2

PROJECT PRIORITY #

1

PROJECT #

20904D

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	648,000	0	0	0	0	0	648,000
Construction	8,100,000	0	0	0	0	0	8,100,000
1% for the Arts	81,000	0	0	0	0	0	81,000
Total	8,829,000	0	0	0	0	0	8,829,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	1,765,800	0	0	0	0	0	1,765,800
Water SIF Fund Balance	7,063,200	0	0	0	0	0	7,063,200
Total	8,829,000	0	0	0	0	0	8,829,000

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - 3.5 MG 43rd St Tank #2

REQUEST CODE

CIP-300-46-310-2903-20-919

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Build a second tank (3.5 MG) 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.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	574,510	598,930	1,173,440
Construction	0	0	0	0	0	7,486,590	7,486,590
1% for the Arts	0	0	0	0	0	74,866	74,866
Total	0	0	0	0	574,510	8,160,386	8,734,896

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	0	0	0	0	114,902	1,632,077	1,746,979
Water SIF Fund Balance	0	0	0	0	459,608	6,528,309	6,987,917
Total	0	0	0	0	574,510	8,160,386	8,734,896

**City of Loveland
Capital Improvement Program**

300-45-300-0000-300 - W&P 45 - TB

REQUEST NAME

WA - 34" Waterline Valve Insertions

REQUEST CODE

CIP-300-45-300-0000-20-750

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WA - Water Main Replacement Projects

PROJECT PRIORITY #

1

PROJECT #

20P-300-45-300-0000-19-173

PROJECT AREA

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

PROJECT DESCRIPTION / NECESSITY



34" Water Line Valve Insertions - \$227,265 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.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	16,680	0	0	0	0	16,680
Construction	0	208,500	0	0	0	0	208,500
1% for the Arts	0	2,085	0	0	0	0	2,085
Total	0	227,265	0	0	0	0	227,265

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	0	227,265	0	0	0	0	227,265
Total	0	227,265	0	0	0	0	227,265

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - 36" Transmission Line Relining

REQUEST CODE

CIP-300-46-310-2903-20-914

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



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.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	818,040	818,040
Construction	0	0	0	0	0	5,219,120	5,219,120
1% for the Arts	0	0	0	0	0	52,191	52,191
Total	0	0	0	0	0	6,089,351	6,089,351

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	0	0	0	0	0	6,089,351	6,089,351
Total	0	0	0	0	0	6,089,351	6,089,351

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - 37th Street Waterline Connection

REQUEST CODE

CIP-300-46-310-2903-20-932

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



37" St. Waterline Extension.

Public Works is installing a bridge and road over the Greeley Loveland Irrigation Canal just east of the intersection of E. 37th St. and N. Garfield Ave. This will complete a critical east west street connection. When this street work is under construction the City will complete a long planned for tie-in of the water main over the ditch. The existing waterline has been stubbed out on each side of the ditch in anticipation of this project.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	150,000	0	0	0	0	0	150,000
1% for the Arts	1,500	0	0	0	0	0	1,500
Total	151,500	0	0	0	0	0	151,500

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	75,750	0	0	0	0	0	75,750
Water SIF Fund Balance	75,750	0	0	0	0	0	75,750
Total	151,500	0	0	0	0	0	151,500

**City of Loveland
Capital Improvement Program**

300-45-300-0000-300 - W&P 45 - Executive - TB

REQUEST NAME

WA - 402 Waterline Extension

REQUEST CODE

CIP-300-45-300-0000-20-752

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WA - 402 Waterline Extension

PROJECT PRIORITY #

1

PROJECT #

20P-300-45-300-0000-19-175

PROJECT AREA

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

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	163,020	770,440	803,180	0	1,736,640
Construction	0	0	0	0	10,039,760	0	10,039,760
1% for the Arts	0	0	0	0	100,398	0	100,398
Total	0	0	163,020	770,440	10,943,338	0	11,876,798

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water SIF Fund Balance	0	0	163,020	770,440	10,943,338	0	11,876,798
Total	0	0	163,020	770,440	10,943,338	0	11,876,798

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - Backwash Pumps

REQUEST CODE

CIP-300-46-310-2903-20-916

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Backwash Pumps are necessary to pump water back through the treatment filters in order to clean them and allow to function effectively. The existing pumps have reached their useful life and are set to be replaced.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	130,310	0	0	0	0	130,310
1% for the Arts	0	1,303	0	0	0	0	1,303
Total	0	131,613	0	0	0	0	131,613

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	0	131,613	0	0	0	0	131,613
Total	0	131,613	0	0	0	0	131,613

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - Cathodic Protection Installation 24" & 48"

REQUEST CODE

CIP-300-46-310-2903-20-913

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



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.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	32,000	33,360	0	0	0	0	65,360
Construction	0	417,000	0	0	0	0	417,000
1% for the Arts	0	4,170	0	0	0	0	4,170
Total	32,000	454,530	0	0	0	0	486,530

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	32,000	454,530	0	0	0	0	486,530
Total	32,000	454,530	0	0	0	0	486,530

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - Chasteens Grove Water Booster Station

REQUEST CODE

CIP-300-46-310-2903-20-921

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Chasteens Grove Water Booster Station.

As water demands continues to increase a water booster station, situated at the Water Treatment Plant, to convey high flows to customers. The pump station is needed for flow rates of 36 million gallons per day (MGD) and higher. The current transmission piping system has too much headloss in these high flow conditions, making the pump station a necessity.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	145,440	145,440
Total	0	0	0	0	0	145,440	145,440

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water SIF Fund Balance	0	0	0	0	0	145,440	145,440
Total	0	0	0	0	0	145,440	145,440

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - East Gravity Zone

REQUEST CODE

CIP-300-46-310-2903-20-935

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Installation of a water main loop around the southeast portion of the City to meet increasing demands as a result of development. The proposed water main loop is necessary to provide transmission and distribution to the eastern portion of the gravity zone. This water main loop will be built in multiple phases as development occurs.

- Phase 1 St Louis
- Phase 2 28th St SW Taft to Garfield
- Phase 3 Garfield to 402

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	100,000	200,160	860,750	679,800	0	2,707,030	4,547,740
Construction	0	0	2,608,340	6,797,970	0	13,816,820	23,223,130
1% for the Arts	0	0	26,084	67,980	0	138,169	232,233
Total	100,000	200,160	3,495,174	7,545,750	0	16,662,019	28,003,103

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	20,000	40,032	699,035	1,509,150	0	3,332,404	5,600,621
Water SIF Fund Balance	80,000	160,128	2,796,139	6,036,600	0	13,329,615	22,402,482
Total	100,000	200,160	3,495,174	7,545,750	0	16,662,019	28,003,103

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - FCLWD Interconnect at Crossroads Tank

REQUEST CODE

CIP-300-46-310-2903-20-923

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Fort Collins Loveland Water District (FCLWD) Interconnect at Crossroads Tank
The City of Loveland and the Fort Collins Loveland Water District (FCLWD) each have an elevated water tank at Crossroads Blvd. just west of the Wal-Mart Distribution Center. There is piping that connect the two systems at this location but the system's are isolated through existing valves. The City and FCLWD will install a meter vault that will allow either system to draw from the other, in an emergency, and be able to quantify the water used.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	45,590	45,590
Construction	0	0	0	0	0	290,880	290,880
1% for the Arts	0	0	0	0	0	2,909	2,909
Total	0	0	0	0	0	339,379	339,379

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	0	0	0	0	0	339,379	339,379
Total	0	0	0	0	0	339,379	339,379

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - Fire Training Grounds Water Metering

REQUEST CODE

CIP-300-46-310-2903-20-924

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Fire Training Grounds Water Metering.

The water that is utilized at the fire training grounds for firefighting training is un-metered. Consumption is presently estimated. In order to best quantify the water used and reduce the amount of unaccounted water (difference between production and metered totals) the City will install meters on either side of the training grounds. The meters will be housed in a vault and involve associated piping and valving.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	8,000	8,340	0	0	0	0	16,340
Construction	0	104,250	0	0	0	0	104,250
1% for the Arts	0	1,043	0	0	0	0	1,043
Total	8,000	113,633	0	0	0	0	121,633

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	8,000	113,633	0	0	0	0	121,633
Total	8,000	113,633	0	0	0	0	121,633

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - Mariana Butte Pump Station Pump Replacement

REQUEST CODE

CIP-300-46-310-2903-20-920

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Mariana Butte Pump Station Pump Replacement.

An existing pump station was installed in the late 1990's to serve the Mariana Butte area water. Based on other system improvements this pump station serves as redundancy should problems arise in the primary piping or pump station for the area. Given the age of the pumps and the difficulty in getting parts for the existing hydro constant pumps, the pumps are to be replaced with modern equipment that can more easily be serviced.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	41,000	41,000
Construction	0	0	0	0	0	418,530	418,530
1% for the Arts	0	0	0	0	0	4,185	4,185
Total	0	0	0	0	0	463,715	463,715

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water SIF Fund Balance	0	0	0	0	0	463,715	463,715
Total	0	0	0	0	0	463,715	463,715

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - Morning Drive Pump Station MCC Upgrade

REQUEST CODE

CIP-300-46-310-2903-20-918

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



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.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	22,660	23,620	0	46,280
Construction	0	0	0	0	236,230	0	236,230
1% for the Arts	0	0	0	0	2,362	0	2,362
Total	0	0	0	22,660	262,212	0	284,872

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	0	0	0	11,330	131,106	0	142,436
Water SIF Fund Balance	0	0	0	11,330	131,106	0	142,436
Total	0	0	0	22,660	262,212	0	284,872

**City of Loveland
Capital Improvement Program**

300-45-300-0000-300 - W&P 45 - TB

REQUEST NAME

WA - Namaqua Hills Pump Station

REQUEST CODE

CIP-300-45-300-0000-20-757

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Namaqua Hills Pump Station

PROJECT PRIORITY #

1

PROJECT #

20911C

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 need to be replaced to ensure reliable service to customers.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	70,000	0	0	0	0	0	70,000
Construction	700,000	0	0	0	0	0	700,000
1% for the Arts	7,000	0	0	0	0	0	7,000
Total	777,000	0	0	0	0	0	777,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	777,000	0	0	0	0	0	777,000
Total	777,000	0	0	0	0	0	777,000

**City of Loveland
Capital Improvement Program**

300-45-300-0000-300 - W&P 45 - Executive - TB

REQUEST NAME

WA - Oversizing & Extensions

REQUEST CODE

CIP-300-45-300-0000-20-759

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

MISC OVERSIZING AND EXTENSIONS

PROJECT PRIORITY #

1

PROJECT #

20207D

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

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	105,000	234,570	81,510	84,970	88,590	502,710	1,097,350
Total	105,000	234,570	81,510	84,970	88,590	502,710	1,097,350

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water SIF Fund Balance	105,000	234,570	81,510	84,970	88,590	502,710	1,097,350
Total	105,000	234,570	81,510	84,970	88,590	502,710	1,097,350

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - PLC Processors

REQUEST CODE

CIP-300-46-310-2903-20-917

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The Programmable Logic Controller (PLC) at the Water Treatment Plant (WTP) are set to be replaced due to age, reliability, and in order to consolidate on specific and current models. The PLC at the WTP are a computer that controls the variety of processes that are automated.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	0	38,040	396,550	0	0	434,590
1% for the Arts	0	0	0	3,966	0	0	3,966
Total	0	0	38,040	400,516	0	0	438,556

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	0	0	38,040	400,516	0	0	438,556
Total	0	0	38,040	400,516	0	0	438,556

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - Pre Soda Ash System Rehab

REQUEST CODE

CIP-300-46-310-2903-20-925

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



With the recent Water Treatment Plant expansion project a new chemical building and chemical feed system was put into operation. Soda ash is used to adjust the pH of the water. The no longer used old soda ash storage and feed area needs to be rehabilitated to meet the current needs of the facility.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	13,040	13,600	0	0	26,640
Construction	0	0	0	169,950	0	0	169,950
1% for the Arts	0	0	0	1,700	0	0	1,700
Total	0	0	13,040	185,250	0	0	198,290

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	0	0	13,040	185,250	0	0	198,290
Total	0	0	13,040	185,250	0	0	198,290

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - Service Center Expansion

REQUEST CODE

CIP-300-46-310-2903-20-938

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Service Center Expansion to accommodate growth of the Water & Power Staff.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	0	0	0	0	5,969,110	5,969,110
1% for the Arts	0	0	0	0	0	59,692	59,692
Total	0	0	0	0	0	6,028,802	6,028,802

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	0	0	0	0	0	3,014,401	3,014,401
Water SIF Fund Balance	0	0	0	0	0	3,014,401	3,014,401
Total	0	0	0	0	0	6,028,802	6,028,802

**City of Loveland
Capital Improvement Program**

300-45-300-0000-300 - W&P 45 - Executive - TB

REQUEST NAME

WA - Water Line Replacement Projects

REQUEST CODE

CIP-300-45-300-0000-20-749

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Waterline Replacement

PROJECT PRIORITY #

1

PROJECT #

20903C

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	272,000	325,260	380,380	458,860	522,660	2,880,962	4,840,122
Construction	2,000,000	1,459,500	2,717,020	2,945,790	3,307,210	23,984,060	36,413,580
1% for the Arts	20,000	14,595	27,170	29,458	33,072	608,529	732,824
Total	2,292,000	1,799,355	3,124,570	3,434,108	3,862,942	27,473,551	41,986,526

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	2,292,000	1,799,355	3,124,570	3,434,108	3,862,942	27,473,551	41,986,526
Total	2,292,000	1,799,355	3,124,570	3,434,108	3,862,942	27,473,551	41,986,526

**City of Loveland
Capital Improvement Program**

300-45-300-0000-300 - W&P 45 - Executive - TB

REQUEST NAME
WA - Water Meters

REQUEST CODE
CIP-300-45-300-0000-20-760

REQUEST TYPE
Capital Improvement Program

Start Date
1/1/2020

PROJECT NAME
WATER METERS

PROJECT PRIORITY #
1

PROJECT #
20900

PROJECT AREA
NA

PROJECT DESCRIPTION / NECESSITY



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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	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

	2020	2021	2022	2023	2024	2025-2029	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**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - WTP Admin/Office Renovation

REQUEST CODE

CIP-300-46-310-2903-20-926

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



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.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	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

	2020	2021	2022	2023	2024	2025-2029	Total
Water 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**

300-45-300-0000-300 - W&P 45 - Executive - TB

REQUEST NAME

WA - WTP Backwash Pond #8

REQUEST CODE

CIP-300-45-300-0000-20-763

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WA - Water Treatment Plant Expansion Projects

PROJECT PRIORITY #

1

PROJECT #

20P-300-45-300-0000-19-210

PROJECT AREA

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

PROJECT DESCRIPTION / NECESSITY



WTP Backwash Pond #8.

A step in the water treatment process involves the filtering of water. As the water is filtered the filters slowly become clogged. The process of cleaning the filters (backwashing) creates backwash water which is pumped to a series of ponds where the sediment, or sludge, can settle out. As demand at the Water Treatment Plant (WTP) increases there is need for another backwash pond. The pond project will include grading, potential import of fill material, concrete placement, and all necessary piping and valves.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	159,580	159,580
Construction	0	0	0	0	0	1,018,080	1,018,080
1% for the Arts	0	0	0	0	0	10,181	10,181
Total	0	0	0	0	0	1,187,841	1,187,841

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	0	0	0	0	0	1,187,841	1,187,841
Total	0	0	0	0	0	1,187,841	1,187,841

**City of Loveland
Capital Improvement Program**

300-45-300-0000-300 - W&P 45 - Executive - TB

REQUEST NAME

WA - WTP Cold Storage Building

REQUEST CODE

CIP-300-45-300-0000-20-761

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Cold Storage Building

PROJECT PRIORITY #

1

PROJECT #

20801D

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

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	250,000	0	0	0	0	0	250,000
1% for the Arts	2,500	0	0	0	0	0	2,500
Total	252,500	0	0	0	0	0	252,500

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	126,250	0	0	0	0	0	126,250
Water SIF Fund Balance	126,250	0	0	0	0	0	126,250
Total	252,500	0	0	0	0	0	252,500

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - WTP Filter Building 2 Concrete Wall Repair

REQUEST CODE

CIP-300-46-310-2903-20-928

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Water Treatment Plant Filter Building 2 Concrete Wall Repair

Filter Building 2 at the Water Treatment Plant (WTP) provides half of the filtering capacity for the City of Loveland. The concrete housing the filters has aged and portions have become soft, degraded, and there have been isolated leaks. Repair of the aging and failing portions of the concrete will be repaired.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	41,700	43,470	0	0	0	85,170
Construction	0	0	543,400	0	0	0	543,400
1% for the Arts	0	0	5,434	0	0	0	5,434
Total	0	41,700	592,304	0	0	0	634,004

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	0	41,700	592,304	0	0	0	634,004
Total	0	41,700	592,304	0	0	0	634,004

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - WTP Fire Pump Load Shedding

REQUEST CODE

CIP-300-46-310-2903-20-927

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Water Treatment Plant Fire Pump Load Shedding.

If there is a power outage at the Water Treatment Plant (WTP) an existing backup generator turns on to ensure the treatment process continues. The existing backup generator is not sufficiently sized to continue water treatment and power the fire pump. Therefore certain large power demand processes at the WTP will have to be shutdown and the generator capacity switched to the fire pump system. The project will include running power feeders and programming.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	7,500	7,820	0	0	0	0	15,320
Construction	0	78,190	0	0	0	0	78,190
1% for the Arts	0	782	0	0	0	0	782
Total	7,500	86,792	0	0	0	0	94,292

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	7,500	86,792	0	0	0	0	94,292
Total	7,500	86,792	0	0	0	0	94,292

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - FME Safe Integration Software

REQUEST CODE

CIP-300-46-310-2903-20-933

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The FME Safe Integration Software will allow us to set up data translations to other data models for the full use of other (non-ArcFM) Esri Maps and Apps. Also, this will help in automating data translations and hopefully scheduled tasks to run integrated data updates on a re-occurring basis. With the introduction of many new software solutions to Water and Power with the addition of a municipal fiber utility, we have the potential of many silo packages. The other option would be to use professional services to complete the integrations. In doing so, we lose the knowledge to create and maintain the integrations and will restrict potential in-house growth when new software is introduced.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Other Capital	20,000	0	0	0	0	0	20,000
Total	20,000	0	0	0	0	0	20,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	20,000	0	0	0	0	0	20,000
Total	20,000	0	0	0	0	0	20,000

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - Lab Equipment New

REQUEST CODE

CIP-300-46-310-2903-20-930

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Equipment for the new Water Quality Lab. Equipment is needed to perform all necessary analysis. Equipment includes; Autoclave, Hach Dr 6000, GCMS/SPME, Microscope, FlowCAM, Refrigerators (3).

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Machinery & Equipment	300,000	0	0	0	0	401,470	701,470
Total	300,000	0	0	0	0	401,470	701,470

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	300,000	0	0	0	0	401,470	701,470
Total	300,000	0	0	0	0	401,470	701,470

**City of Loveland
Capital Improvement Program**

300-45-300-0000-300 - W&P 45 - Executive - TB

REQUEST NAME

WA - Lab Equipment Replacement

REQUEST CODE

CIP-300-45-300-0000-20-766

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT DESCRIPTION / NECESSITY



Total Organic Carbon Analyzer Replacement - \$36,360

The WQ Lab analyzes Total Organic Carbon (TOC) on a regular basis for both process and regulatory needs. The current TOC analyzer is supported as an "End of Life" contract. This means that this instrument is obsolete and parts may not be available if it was to breakdown. The life of a TOC analyzer is approximately ten years. Our current TOC analyzer is nine years old. To continue running TOC in-house the current instrument should be replaced in 2019 with a replacement schedule of every 10 years.

Sonde Replacement - \$27,170

The WQ Lab performs source water monitoring in our reservoir and the BT River, including a Pre-Warning Station at the Narrows Park in the BT Canyon. Our main source water instrumentation currently includes three sondes. A sonde is an instrument that contains probes that measure numerous parameters and transmit data. One sonde is used at the WTP intake structure for reservoir monitoring, with the second sonde in place at the Narrows River Station, the 3rd sonde is portable and can be easily transported and used in the Big Thompson River during Source Water Sampling (to the Eastern Portal). The data that the lab is able to generate for operations and source water quality is invaluable (nutrients, TOC, E.Coli, Alkalinity, Conductivity, Turbidity, pH, DO along with algae for T&O mitigation). This is to replace one sonde every 5 years to keep the equipment up to date.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Machinery & Equipment	0	0	0	0	27,170	36,360	63,530
Total	0	0	0	0	27,170	36,360	63,530

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	0	0	0	0	27,170	36,360	63,530
Total	0	0	0	0	27,170	36,360	63,530

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - Replace Stand Alone Servers (DCWP)

REQUEST CODE

CIP-300-46-310-2903-20-931

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WATER GENERAL PLANT

PROJECT PRIORITY #

1

PROJECT #

WA930

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



DCWP is a domain controller. A domain controller is a server computer that responds to security authentication requests (logging in, checking permissions, etc) A domain is a concept whereby a user may be granted access to a number of computer resources with the use of a single username and password combination.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Computer Equipment	7,280	0	0	0	0	0	7,280
Total	7,280	0	0	0	0	0	7,280

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	7,280	0	0	0	0	0	7,280
Total	7,280	0	0	0	0	0	7,280

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - Service Center Renovations

REQUEST CODE

CIP-300-46-310-2903-20-929

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



This will fund various improvements needed throughout the Service Center. The improvements include: front bathroom rehab, building signage, paint for Dispatch and the remainder of the office areas, panels for the back south area, and new windows, new window coverings, and new carpet for the north office areas.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	250,000	101,640	105,960	110,470	115,160	653,520	1,336,750
Total	250,000	101,640	105,960	110,470	115,160	653,520	1,336,750

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	250,000	101,640	105,960	110,470	115,160	653,520	1,336,750
Total	250,000	101,640	105,960	110,470	115,160	653,520	1,336,750

**City of Loveland
Capital Improvement Program**

300-46-310-2903-300 - W&P 46 - Engineering - Distribution

REQUEST NAME

WA - Utility Locator

REQUEST CODE

CIP-300-46-310-2903-20-915

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WATER GENERAL PLANT

PROJECT PRIORITY #

1

PROJECT #

WA930

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Replace an older model Locator which has become unreliable. With out the additional transmitter / receiver we are at risk of information not being available in the field to accurately mark the City of Loveland's utilities to prevent them from being damaged from contractors digging nearby.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Machinery & Equipment	9,800	0	0	0	0	0	9,800
Total	9,800	0	0	0	0	0	9,800

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	9,800	0	0	0	0	0	9,800
Total	9,800	0	0	0	0	0	9,800

**City of Loveland
Capital Improvement Program**

300-45-300-0000-300 - W&P 45 - Executive - TB

REQUEST NAME

WA - Vehicle Replacements

REQUEST CODE

CIP-300-45-300-0000-20-765

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT DESCRIPTION / NECESSITY



Purchase Vehicle #2110 - \$5,300
#2110 is a 2015 Ford Escape that was previously leased.

Replace Vehicle #6141 - \$54,000
#6141 will be 17 years old when replaced in 2020. Fleet recommends replacing in the 12-15 year range.

Replace Vehicle #6144 - \$37,500
#6144 is a 2006 Chevy 3/4-ton, 2WD, with a utility body. It will be 14 years old & have over 100,000 miles when replaced in 2020.

Replace Vehicle #5122 - \$105,000
#5122 is a 2003 Chevy 1-ton pickup, 4WD, with a utility body, & crane. It will be 16 years old & have over 100,000 miles when replaced. The 3,000 pound crane is under-sized for the current workload and will be upgraded to a 4,000 pound crane.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Motor Vehicle	201,800	0	0	0	0	0	201,800
Total	201,800	0	0	0	0	0	201,800

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Water Fund Balance	201,800	0	0	0	0	0	201,800
Total	201,800	0	0	0	0	0	201,800

2019-2027 Raw Water Agencies Recommended Capital Program

	2020	2021	2022	2023	2024	Five Year Total	2025	2026	2027	2028	2029	Ten Year Total
Revenue												
Beginning Balance	\$ 6,590,587	\$ 4,542,702	\$ 4,256,830	\$ 3,509,990	\$ 2,739,882	6,590,587	\$ 2,610,645	\$ 2,599,091	\$ 2,651,181	\$ 2,767,652	\$ 2,950,966	6,590,587
A Transfer from Water Rates	572,154	620,120	672,050	727,940	762,420	3,354,684	798,280	835,490	873,990	913,380	954,520	7,730,344
B Raw Water Devlpmt Fees/Cap Rec Srchg	435,333	332,312	338,227	368,078	374,299	1,848,248	380,512	386,676	392,747	398,520	404,379	3,811,082
C Cash-in-Lieu	380,587	387,360	394,260	401,080	407,860	1,971,147	414,630	421,350	427,970	434,260	440,640	4,109,997
D Hi-Use Surcharge	88,561	90,140	91,740	93,330	94,910	458,681	96,490	98,050	99,590	101,050	102,540	956,401
E Native Raw Water Storage Fee	407,355	414,610	421,990	429,290	436,550	2,109,795	443,800	450,990	458,070	464,800	471,630	4,399,085
F Transfer from General Funds	-	-	-	-	-	-	-	-	-	-	-	-
G Interest on Investments	98,860	127,200	114,930	98,280	90,420	529,690	91,370	96,170	100,740	107,940	115,090	1,041,000
H Water Loan Payments Received	-	-	-	-	-	-	-	-	-	-	-	-
I External Loan	4,500,000	-	-	-	-	4,500,000	-	-	-	-	-	4,500,000
J External Loan Payment	(1,495,054)	(1,736,364)	(2,236,636)	(2,236,636)	(2,236,636)	(9,941,326)	(2,236,636)	(2,236,636)	(2,236,636)	(2,236,636)	(2,236,636)	(21,124,506)
Total Revenue	\$ 11,578,382	\$ 4,778,080	\$ 4,053,390	\$ 3,391,352	\$ 2,669,705	11,421,505	\$ 2,599,091	\$ 2,651,181	\$ 2,767,652	\$ 2,950,966	\$ 3,203,129	\$ 12,013,989
Expenditures												
Capital Projects												
1 RW - Colorado Big Thompson Water Purchases	500,000	521,250	543,400	566,500	-	2,131,150	-	-	-	-	-	2,131,150
2 RW - Down Stream Storage - Phase 2 (pump station & piping)	-	-	-	-	-	-	-	-	-	-	872,640	872,640
3 RW - Down Stream Storage Armoring	434,600	-	-	-	-	434,600	-	-	-	-	-	434,600
4 RW - Future Water Court Transfer Actions	100,000	-	-	-	-	100,000	-	-	-	-	-	100,000
5 RW - Great Western Pond #3 Water Rights Filing	25,000	-	-	-	-	25,000	-	-	-	-	-	25,000
6 RW - GRGR 18" Bypass Pipe Connections	1,620,000	-	-	-	-	1,620,000	-	-	-	-	-	1,620,000
7 RW - Heikes Water Right	-	-	-	84,970	59,060	144,030	-	-	-	-	-	144,030
8 RW - Windy Gap Firming Project	4,356,080	-	-	-	-	4,356,080	-	-	-	-	-	4,356,080
Subtotal Capital Projects	\$ 7,035,680	\$ 521,250	\$ 543,400	\$ 651,470	\$ 59,060	8,810,860	\$ -	\$ -	\$ -	\$ -	\$ 872,640	9,683,500
Total Capital Expenditures	\$ 7,035,680	\$ 521,250	\$ 543,400	\$ 651,470	\$ 59,060	8,810,860	\$ -	\$ -	\$ -	\$ -	\$ 872,640	9,683,500
Reserve for Future Capital Projects	\$ 4,542,702	\$ 4,256,830	\$ 3,509,990	\$ 2,739,882	\$ 2,610,645	2,610,645	\$ 2,599,091	\$ 2,651,181	\$ 2,767,652	\$ 2,950,966	\$ 2,330,489	2,330,489

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**City of Loveland
Capital Improvement Program**

302-46-316-0000-302 - W&P 46 - TB

REQUEST NAME

RW - CBT Water Purchases

REQUEST CODE

CIP-302-46-316-0000-20-772

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

RW - Purchase CBT Water

PROJECT PRIORITY #

1

PROJECT #

20014A

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	500,000	521,250	543,400	566,500	0	0	2,131,150
Total	500,000	521,250	543,400	566,500	0	0	2,131,150

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	0	0	0	566,500	0	0	566,500
Raw Water Fund Balance	500,000	521,250	543,400	0	0	0	1,564,650
Total	500,000	521,250	543,400	566,500	0	0	2,131,150

**City of Loveland
Capital Improvement Program**

302-46-316-0000-302 - W&P 46 - TB

REQUEST NAME

RW - Down Stream Storage - Phase 2

REQUEST CODE

CIP-302-46-316-0000-20-909

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Adding a downstream storage reservoir would increase our water right portfolio firm yield by providing a place to store reusable water sources when the exchange potential is limited, for later exchange when river flow conditions improve. The Land, which includes a 100 acre abandoned gravel pit located downstream from our wastewater treatment plant, was purchased in 2019. This is for the design of the necessary piping and pump station which would begin in 2029.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	872,640	872,640
Total	0	0	0	0	0	872,640	872,640

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	0	0	0	0	0	872,640	872,640
Total	0	0	0	0	0	872,640	872,640

**City of Loveland
Capital Improvement Program**

302-46-316-0000-302 - W&P 46 - TB

REQUEST NAME

RW - Down Stream Storage - Armoring

REQUEST CODE

CIP-302-46-316-0000-20-773

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Down Stream Storage Armoring

PROJECT PRIORITY #

1

PROJECT #

20901A

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

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	434,600	0	0	0	0	0	434,600
Total	434,600	0	0	0	0	0	434,600

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Raw Water Fund Balance	434,600	0	0	0	0	0	434,600
Total	434,600	0	0	0	0	0	434,600

**City of Loveland
Capital Improvement Program**

302-46-316-0000-302 - W&P 46 - TB

REQUEST NAME

RW - Future Water Court Transfer Actions

REQUEST CODE

CIP-302-46-316-0000-20-771

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Future Water Court Transfer Actions

PROJECT PRIORITY #

1

PROJECT #

20709A

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	100,000	0	0	0	0	0	100,000
Total	100,000	0	0	0	0	0	100,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Raw Water Fund Balance	100,000	0	0	0	0	0	100,000
Total	100,000	0	0	0	0	0	100,000

**City of Loveland
Capital Improvement Program**

302-46-316-0000-302 - W&P 46 - TB

REQUEST NAME

RW - Great Western Pond #3 Water Rights Filing

REQUEST CODE

CIP-302-46-316-0000-20-912

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The Great Western Reservoir was part of a property purchase for approximately 120 acres made by the City of Loveland. The property was purchased from Jake Kauffman & Son, Inc. in 2019 and the property included a reservoir designed to hold at least 1,300 acre feet (AF) of water. This site was historically known as Great Western Pit No. 3. The gravel pit has been sealed from the groundwater, tested according to the State's standards, and now is recognized by the State as a functional lined storage reservoir. Additional infrastructure including pumps and pipelines will be required to make the downstream storage useful to the City. The site is ideally located on the north side of the Big Thompson River downstream from the City's waste water treatment plant outfall, and upstream of Hillsborough Dam, where the City's return flows are required to be made. Using this site, the City can exchange reusable water upstream to the water treatment plant, make required return flows to the river under the terms and conditions of its decrees, and provide augmentation flows for municipal uses or other commitments.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	25,000	0	0	0	0	0	25,000
Total	25,000	0	0	0	0	0	25,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	25,000	0	0	0	0	0	25,000
Total	25,000	0	0	0	0	0	25,000

**City of Loveland
Capital Improvement Program**

302-46-316-0000-302 - W&P 46 - TB

REQUEST NAME

RW - GRGR 18" Bypass Pipe Connections

REQUEST CODE

CIP-302-46-316-0000-20-774

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

GRGR 18" Bypass Pipe Connections

PROJECT PRIORITY #

1

PROJECT #

20902A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



When the Green Ridge Glade Reservoir was built raw water from the Colorado Big Thompson (CBT) was conveyed around the construction through three 18" diameter high density polyethylene (HDPE) pipes. As a way to provide greater flexibility and reduce the risk of poor water quality entering the Water Treatment Plant (WTP) the City intends to enable the two remaining HDPE pipes to convey raw water from the Charles Hanson Feeder Canal directly to the WTP. This would help Operations staff ensure quality drinking water during periods of high taste and odor causing algae levels in the Green Ridge Glade Reservoir.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	120,000	0	0	0	0	0	120,000
Construction	1,500,000	0	0	0	0	0	1,500,000
Total	1,620,000	0	0	0	0	0	1,620,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Raw Water Fund Balance	1,620,000	0	0	0	0	0	1,620,000
Total	1,620,000	0	0	0	0	0	1,620,000

**City of Loveland
Capital Improvement Program**

302-46-316-0000-302 - W&P 46 - Water Resources - TB

REQUEST NAME

RW - Heikes Water Rights

REQUEST CODE

CIP-302-46-316-0000-20-911

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



The Heikes water is a Priority No. 1, irrigation contract right on the Big Thompson River for 1.75 cubic feet per second (cfs). It has historically been diverted at the Hillsborough Ditch river headgate. The City of Loveland purchased this irrigation right in 1965 from Jo Anne Heikes. The 2023 budgeted item is to file an application in Colorado Water Court to change the water right to include storage, municipal use, use by exchange, and possibly other uses. The budgeted item includes the legal and engineering fees during the first year of filing the application. One of the future intents of this water right is store it in the City's downstream storage reservoir, referred to as Great Western Reservoir, and by an exchange on the Big Thompson River, divert the water at the City's Water Treatment Plant. The water may also be diverted for irrigation at one of the City's parks or public facilities.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	84,970	59,060	0	144,030
Total	0	0	0	84,970	59,060	0	144,030

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	0	0	0	84,970	59,060	0	144,030
Total	0	0	0	84,970	59,060	0	144,030

**City of Loveland
Capital Improvement Program**

302-46-316-0000-302 - W&P 46 - TB

REQUEST NAME

RW - Windy Gap Firming Project

REQUEST CODE

CIP-302-46-316-0000-20-770

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

RAW WATER-WINDY GAP FIRING

PROJECT PRIORITY #

1

PROJECT #

2038AA

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. This is the increase in cost from what was budgeted for 2019.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	4,356,080	0	0	0	0	0	4,356,080
Total	4,356,080	0	0	0	0	0	4,356,080

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	4,356,080	0	0	0	0	0	4,356,080
Total	4,356,080	0	0	0	0	0	4,356,080

2020-2029 Wastewater Utility Capital Program

	2020	2021	2022	2023	2024	Five Year Total	2025	2026	2027	2028	2029	Ten Year Total
Revenue												
Beginning Balance	\$ 8,919,891	\$ 7,347,473	\$ 8,215,515	\$ 5,259,470	\$ 6,437,891	\$ 8,919,891	\$ 10,307,332	\$ 11,172,526	\$ 8,445,711	\$ 10,313,570	\$ 12,817,912	\$ 8,919,891
A Operating Revenues	4,009,215	5,342,717	8,129,710	6,940,580	7,165,220	\$ 31,587,442	7,792,490	7,697,620	7,768,690	8,154,300	8,474,620	71,475,162
B SIF Revenue	1,774,324	1,217,704	8,781,998	1,349,688	19,130,277	\$ 32,253,990	1,493,989	4,750,794	1,840,434	1,933,744	2,029,852	44,302,803
C Interest on Investments	122,666	127,845	116,507	82,706	77,913	\$ 527,637	195,929	189,556	158,343	173,527	198,011	1,443,003
D Loan Repayments	(1,785,773)	(1,785,464)	(5,093,665)	(2,327,483)	(2,329,065)	\$ (13,321,449)	(3,863,303)	(3,342,803)	(3,341,908)	(3,424,370)	(3,426,694)	(30,720,526)
Total Revenue	\$ 13,040,323	\$ 12,250,275	\$ 20,150,065	\$ 11,304,961	\$ 30,482,236	\$ 59,967,511	\$ 15,926,437	\$ 20,467,694	\$ 14,871,271	\$ 17,150,772	\$ 20,093,702	\$ 95,420,334
Expenditures												
Capital Projects												
1 WW-304 - Service Center Expansion	-	-	-	-	-	-	-	4,472,977	-	-	-	4,472,977
2 WW-310 - 43rd Street Sewer Solution	-	114,680	1,326,995	-	-	1,441,675	-	-	-	-	-	1,441,675
3 WW-310 - Abandon WWTP Sewer Re-route	381,500	-	-	-	-	381,500	-	-	-	-	-	381,500
4 WW-310 - Anderson 1st Oversizing Agreement	-	421,170	-	-	-	421,170	-	-	-	-	-	421,170
5 WW-310 - Boedecker Lift Station Generator-Replace	-	-	-	228,866	-	228,866	-	-	-	-	-	228,866
6 WW-310 - Boyd Lift Station Generator-Replace	-	-	-	228,866	-	228,866	-	-	-	-	-	228,866
7 WW-310 - Bus Barn & Taft Lift Station Renovation	1,109,500	-	-	-	-	1,109,500	-	-	-	-	-	1,109,500
8 WW-310 - East 1st Street (FM) Discharge Vault	282,500	-	-	-	-	282,500	-	-	-	-	-	282,500
9 WW-310 - East Side Lift Station 3rd Pump Install	-	-	-	-	-	-	36,940	427,461	-	-	-	464,401
10 WW-310 - East Side Lift Station Overflow Vault	-	-	-	-	-	-	86,190	997,426	-	-	-	1,083,616
11 WW-310 - Highway 402 Wastewater Main Extension	-	-	217,360	1,076,350	15,077,352	16,371,062	-	-	-	-	-	16,371,062
12 WW-310 - Misc. Oversizing & Extension 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
13 WW-310 - Misc. Sewer Line Rehabilitation Projects	1,010,000	1,052,925	713,484	2,288,650	2,385,923	7,450,982	4,352,807	3,889,550	4,054,857	4,227,183	4,406,842	28,382,221
14 WW-310 - North Horseshoe Lift Station Upgrades	60,000	694,305	-	-	-	754,305	-	-	-	-	-	754,305
15 WW-310 - Sherri Mar (Colorado) 15" Sanitary Sewer	777,000	-	-	-	-	777,000	-	-	-	-	-	777,000
16 WW-310 - Southside Lift Station Generator	-	-	43,470	731,918	-	775,388	-	-	-	-	-	775,388
17 WW-310 - Upper Boyd Basin Sanitary Sewer	-	552,530	6,393,681	-	-	6,946,211	-	-	-	-	-	6,946,211
18 WW-318 - Digested Sludge Dewatering	-	-	-	-	-	-	-	-	-	-	2,181,600	2,181,600
19 WW-318 - Final Clarifier #4 and RAS/Scum	-	-	-	-	-	-	-	-	-	-	727,200	727,200
20 WW-318 - IPS Wetwell Bypass & Coating	-	-	-	-	-	-	184,700	2,137,325	-	-	-	2,322,025
21 WW-318 - Primary Clarifier 3-Trickling Filter Demo	-	-	-	-	-	-	-	-	-	-	436,320	436,320
22 WW-318 - Primary Clarifier Odor Control	-	-	81,510	226,600	2,622,153	2,930,263	-	-	-	-	-	2,930,263
23 WW-318 - Rehabilitate Digester 1 & 2	-	260,630	6,031,770	-	-	6,292,400	-	-	-	-	-	6,292,400
24 WW-318 - Replace HVAC Unit - Waste Activated Sludge	25,000	-	-	-	-	25,000	-	-	-	-	-	25,000
25 WW-318 - Upgrade PLC Processors	-	405,019	-	-	-	405,019	-	-	-	-	-	405,019
26 WW-318 - WWTP Admin Remodel	1,110,000	-	-	-	-	1,110,000	-	-	-	-	-	1,110,000
27 WW-318 - WWTP Entrance Gates w/Security Cameras	-	454,530	-	-	-	454,530	-	-	-	-	-	454,530
Subtotal Capital Projects	\$ 4,831,250	\$ 4,034,761	\$ 14,890,595	\$ 4,867,070	\$ 20,174,904	\$ 48,798,579	\$ 4,753,911	\$ 12,021,982	\$ 4,156,231	\$ 4,332,860	\$ 7,862,133	\$ 81,925,695
												81,925,695
New & Replacement Equipment												
28 WW-304 - Miscellaneous Hardware Failures	7,500	-	-	-	-	7,500	-	-	-	-	-	7,500
29 WW-310 - Purchase Leased Vehicle #2111 - 2015 Ford Escape	5,100	-	-	-	-	5,100	-	-	-	-	-	5,100
30 WW-311 - Interactive Voice Response (IVR)	300,000	-	-	-	-	300,000	-	-	-	-	-	300,000
31 WW-311 - Staging Server New	8,000	-	-	-	-	8,000	-	-	-	-	-	8,000
32 WW-313 - Replace Vehicle #6311 - Tandem Axle Dump Truck	165,000	-	-	-	-	165,000	-	-	-	-	-	165,000
33 WW-317 - Lab Equipment for the New Water Quality Lab	300,000	-	-	-	-	300,000	-	-	-	-	-	300,000
34 WW-317 - Lab Equipment Replacement - every 8 years	-	-	-	-	-	-	-	-	401,470	-	-	401,470
35 WW-319 - Replace #6139 - 1 Ton, 4WD, DRW, Ext Cab	56,000	-	-	-	-	56,000	-	-	-	-	-	56,000
Subtotal New & Replacement Equipment	\$ 861,600	\$ -	\$ -	\$ -	\$ -	\$ 861,600	\$ -	\$ -	\$ 401,470	\$ -	\$ -	\$ 1,263,070
												83,188,765
Total Capital Expenditures	\$ 5,692,850	\$ 4,034,761	\$ 14,890,595	\$ 4,867,070	\$ 20,174,904	\$ 49,660,179	\$ 4,753,911	\$ 12,021,982	\$ 4,557,701	\$ 4,332,860	\$ 7,862,133	\$ 83,188,765
Reserve for Future Capital Projects	\$ 7,347,473	\$ 8,215,515	\$ 5,259,470	\$ 6,437,891	\$ 10,307,332	\$ 10,307,332	\$ 11,172,526	\$ 8,445,711	\$ 10,313,570	\$ 12,817,912	\$ 12,231,569	\$ 12,231,569

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**City of Loveland
Capital Improvement Program**

45-Business Finance

REQUEST NAME

WW-304 - Service Center Expansion

REQUEST CODE

CIP-45-20-937

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT DESCRIPTION / NECESSITY



Expand the Water & Power Service Center based on the estimated increase of personnel at 2% per year.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	0	0	0	0	4,428,690	4,428,690
1% for the Arts	0	0	0	0	0	44,287	44,287
Total	0	0	0	0	0	4,472,977	4,472,977

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	0	0	0	0	0	4,472,977	4,472,977
Total	0	0	0	0	0	4,472,977	4,472,977

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-310 - 43rd Street Sewer Solution

REQUEST CODE

CIP-46-20-671

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WW - 43rd Street Sewer Solution

PROJECT PRIORITY #

1

PROJECT #

20P-46-19-184

PROJECT AREA

CIP-46-19-184

PROJECT DESCRIPTION / NECESSITY



Up-size sanitary sewer in 43rd Street east of Loudon Ditch and west of Taft Avenue.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	114,680	119,550	0	0	0	234,230
Construction	0	0	1,195,490	0	0	0	1,195,490
1% for the Arts	0	0	11,955	0	0	0	11,955
Total	0	114,680	1,326,995	0	0	0	1,441,675

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	0	11,468	132,700	0	0	0	144,168
Wastewater SIF Fund Balance	0	103,212	1,194,295	0	0	0	1,297,507
Total	0	114,680	1,326,995	0	0	0	1,441,675

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-310 - Abandon WWTP Sewer Re-route

REQUEST CODE

CIP-46-20-674

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Abandon WWTP Sewer Re-route

PROJECT PRIORITY #

1

PROJECT #

20901G

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	28,000	0	0	0	0	0	28,000
Construction	350,000	0	0	0	0	0	350,000
1% for the Arts	3,500	0	0	0	0	0	3,500
Total	381,500	0	0	0	0	0	381,500

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	381,500	0	0	0	0	0	381,500
Total	381,500	0	0	0	0	0	381,500

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-310 - Anderson 1st Oversizing

REQUEST CODE

CIP-46-20-888

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

WWFUT

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



There is a development planned for the northwest corner of 42nd St. SE and S. Lincoln Ave. (S. Highway 287). In order to serve this location the developer is responsible for installing sanitary sewer from S. Saint Louis Ave. and E. Highway 402. The City is responsible for paying for oversized, or for the capacity needed, in excess of the development's needs, to meet the master plan pipe size.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Oversizing Agreements (W&P)	0	417,000	0	0	0	0	417,000
1% for the Arts	0	4,170	0	0	0	0	4,170
Total	0	421,170	0	0	0	0	421,170

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater SIF Fund Balance	0	421,170	0	0	0	0	421,170
Total	0	421,170	0	0	0	0	421,170

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-310 - Boedecker Lift Station Generator-Replace

REQUEST CODE

CIP-46-20-886

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

WWFUT

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Sanitary sewer lift (pump) stations are critical pieces of infrastructure that have to function at all times. When an electric outage affects a lift station the sewer pumps are unable to function and sewer begins to back up. Therefore sanitary sewer lift stations have backup generators to supply power in outages. The generator at the Boedecker Lift Station has exceeded its useful life and must be replaced to continual uninterrupted service.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	0	0	226,600	0	0	226,600
1% for the Arts	0	0	0	2,266	0	0	2,266
Total	0	0	0	228,866	0	0	228,866

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	0	0	0	228,866	0	0	228,866
Total	0	0	0	228,866	0	0	228,866

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-310 - Boyd Lift Station Generator-Replace

REQUEST CODE

CIP-46-20-887

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

WWFUT

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Sanitary sewer lift (pump) stations are critical pieces of infrastructure that have to function at all times. When an electric outage affects a lift station the sewer pumps are unable to function and sewer begins to back up. Therefore sanitary sewer lift stations have backup generators to supply power in outages. The generator at the Boyd Lake Lift Station has exceeded its useful life and must be replaced to continual uninterrupted service.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	0	0	226,600	0	0	226,600
1% for the Arts	0	0	0	2,266	0	0	2,266
Total	0	0	0	228,866	0	0	228,866

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	0	0	0	228,866	0	0	228,866
Total	0	0	0	228,866	0	0	228,866

**City of Loveland
Capital Improvement Program**

315-45-300-0000-315 - W&P 45 - TB

REQUEST NAME

WW-310 - Bus Barn & Taft Lift Station Renovation

REQUEST CODE

CIP-315-45-300-0000-20-666

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Bus Barn & Taft Lift Station Renovation

PROJECT PRIORITY #

1

PROJECT #

20703G

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	150,000	0	0	0	0	0	150,000
Construction	950,000	0	0	0	0	0	950,000
1% for the Arts	9,500	0	0	0	0	0	9,500
Total	1,109,500	0	0	0	0	0	1,109,500

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	1,109,500	0	0	0	0	0	1,109,500
Total	1,109,500	0	0	0	0	0	1,109,500

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-310 - East 1st Street (FM) Discharge Vault

REQUEST CODE

CIP-46-20-675

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WW - East 1st Street (FM) Discharge Vault

PROJECT PRIORITY #

1

PROJECT #

20P-46-19-188

PROJECT AREA

CIP-46-19-188

PROJECT DESCRIPTION / NECESSITY



The East Side sanitary sewer lift station has two force mains 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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	30,000	0	0	0	0	0	30,000
Construction	250,000	0	0	0	0	0	250,000
1% for the Arts	2,500	0	0	0	0	0	2,500
Total	282,500	0	0	0	0	0	282,500

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	282,500	0	0	0	0	0	282,500
Total	282,500	0	0	0	0	0	282,500

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-310 - East Side Lift Station 3rd Pump Install

REQUEST CODE

CIP-46-20-670

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WW - East Side Lift Station 3rd Pump Install

PROJECT PRIORITY #

1

PROJECT #

20P-46-19-183

PROJECT AREA

CIP-46-19-183

PROJECT DESCRIPTION / NECESSITY



The Eastside Lift Station is located at the intersection of East 1st St. and Sculptor Dr. The lift station pumps sewage from all of the collection system northeast of the station. As growth in the eastern portion of the City continues the associated sewer flows increase. With these increased flows the existing two sewer pumps will become insufficient to pump peak flows and provide sufficient redundancy. This project will install a third submersible pump and equipment necessary for the lift station to meet demands while providing required redundancy. The design will occur in 2025. Services during construction and construction will occur in 2026.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	75,450	75,450
Construction	0	0	0	0	0	385,100	385,100
1% for the Arts	0	0	0	0	0	3,851	3,851
Total	0	0	0	0	0	464,401	464,401

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater SIF Fund Balance	0	0	0	0	0	464,401	464,401
Total	0	0	0	0	0	464,401	464,401

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-310 - East Side Lift Station Overflow Vault

REQUEST CODE

CIP-46-20-669

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WW - East Side Lift Station Overflow Vault

PROJECT PRIORITY #

1

PROJECT #

20P-46-19-170

PROJECT AREA

CIP-46-19-170

PROJECT DESCRIPTION / NECESSITY



The East Side 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. The design will occur in 2025. Services during construction and construction will occur in 2026.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	176,050	176,050
Construction	0	0	0	0	0	898,580	898,580
1% for the Arts	0	0	0	0	0	8,986	8,986
Total	0	0	0	0	0	1,083,616	1,083,616

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	0	0	0	0	0	541,808	541,808
Wastewater SIF Fund Balance	0	0	0	0	0	541,808	541,808
Total	0	0	0	0	0	1,083,616	1,083,616

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-310 - Highway 402 Wastewater Main Extension

REQUEST CODE

CIP-46-20-672

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WW - Highway 402 Wastewater Main Extension

PROJECT PRIORITY #

1

PROJECT #

20P-46-19-185

PROJECT AREA

CIP-46-19-185

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	217,360	1,076,350	1,358,320	0	2,652,030
Construction	0	0	0	0	13,583,200	0	13,583,200
1% for the Arts	0	0	0	0	135,832	0	135,832
Total	0	0	217,360	1,076,350	15,077,352	0	16,371,062

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	0	0	0	1,076,350	0	0	1,076,350
Wastewater SIF Fund Balance	0	0	217,360	0	15,077,352	0	15,294,712
Total	0	0	217,360	1,076,350	15,077,352	0	16,371,062

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-310 - Misc. Oversizing & Extension Projects

REQUEST CODE

CIP-46-20-676

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Oversizing & Extensions Agreement

PROJECT PRIORITY #

1

PROJECT #

W1232H

PROJECT AREA

No Project

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

	2020	2021	2022	2023	2024	2025-2029	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

	2020	2021	2022	2023	2024	2025-2029	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-310 - Misc. Sewer Line Rehabilitation Projects

REQUEST CODE

CIP-46-20-677

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WW - Misc. Sewer Line Rehabilitation Projects

PROJECT PRIORITY #

1

PROJECT #

20P-46-19-193

PROJECT AREA

CIP-46-19-193

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

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	1,000,000	1,042,500	706,420	2,265,990	2,362,300	20,724,000	28,101,210
1% for the Arts	10,000	10,425	7,064	22,660	23,623	207,239	281,011
Total	1,010,000	1,052,925	713,484	2,288,650	2,385,923	20,931,239	28,382,221

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	1,010,000	1,052,925	713,484	2,288,650	2,385,923	20,931,239	28,382,221
Total	1,010,000	1,052,925	713,484	2,288,650	2,385,923	20,931,239	28,382,221

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-310 - North Horseshoe Lift Station Upgrades

REQUEST CODE

CIP-46-20-667

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WW - North Horseshoe Lift Station Upgrades

PROJECT PRIORITY #

1

PROJECT #

20P-46-19-168

PROJECT AREA

CIP-46-19-168

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	60,000	62,550	0	0	0	0	122,550
Construction	0	625,500	0	0	0	0	625,500
1% for the Arts	0	6,255	0	0	0	0	6,255
Total	60,000	694,305	0	0	0	0	754,305

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	60,000	694,305	0	0	0	0	754,305
Total	60,000	694,305	0	0	0	0	754,305

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-310 - Sherri Mar (Colorado) 15" Sanitary Sewer

REQUEST CODE

CIP-46-20-885

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Sherri Mar (S. Colorado) 15" Sanitary Sewer Design/SDC

PROJECT PRIORITY #

1

PROJECT #

W2002H

PROJECT AREA

No Project

PROJECT DESCRIPTION / NECESSITY



In order to adequately convey sanitary sewer flow from future customers the existing sanitary sewer located in South Colorado Ave. needs to be upsized from an 8" pipe to a 15" pipe. This work is planned for 202 because there is substantial stormwater and waterline improvements planned for the area. Coupled with this work will be a rebuild of the street section. Portions of the new sanitary sewer will be paid for by future developers.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	70,000	0	0	0	0	0	70,000
Construction	700,000	0	0	0	0	0	700,000
1% for the Arts	7,000	0	0	0	0	0	7,000
Total	777,000	0	0	0	0	0	777,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater SIF Fund Balance	777,000	0	0	0	0	0	777,000
Total	777,000	0	0	0	0	0	777,000

**City of Loveland
Capital Improvement Program**

315-46-310-2904-315 - W&P 46 - Collection System

REQUEST NAME

WW-310 - Southside Lift Station Generator

REQUEST CODE

CIP-315-46-310-2904-20-668

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WW - Southside Lift Station Generator

PROJECT PRIORITY #

1

PROJECT #

20P-315-46-310-2904-19-169

PROJECT AREA

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

PROJECT DESCRIPTION / NECESSITY



Install an emergency generator at the Southside Lift Station.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	43,470	45,320	0	0	88,790
Construction	0	0	0	679,800	0	0	679,800
1% for the Arts	0	0	0	6,798	0	0	6,798
Total	0	0	43,470	731,918	0	0	775,388

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	0	0	43,470	731,918	0	0	775,388
Total	0	0	43,470	731,918	0	0	775,388

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-310 - Upper Boyd Basin Sanitary Sewer

REQUEST CODE

CIP-46-20-673

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WW - Upper Boyd Basin Sanitary Sewer

PROJECT PRIORITY #

1

PROJECT #

20P-46-19-186

PROJECT AREA

CIP-46-19-186

PROJECT DESCRIPTION / NECESSITY



Replace and up-size 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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	552,530	576,010	0	0	0	1,128,540
Construction	0	0	5,760,070	0	0	0	5,760,070
1% for the Arts	0	0	57,601	0	0	0	57,601
Total	0	552,530	6,393,681	0	0	0	6,946,211

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	0	55,253	639,369	0	0	0	694,622
Wastewater SIF Fund Balance	0	497,277	5,754,312	0	0	0	6,251,589
Total	0	552,530	6,393,681	0	0	0	6,946,211

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-318 - Digested Sludge Dewatering

REQUEST CODE

CIP-46-20-685

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WW - Digested Sludge Dewatering

PROJECT PRIORITY #

1

PROJECT #

20P-46-19-204

PROJECT AREA

CIP-46-19-204

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	2,181,600	2,181,600
Total	0	0	0	0	0	2,181,600	2,181,600

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	0	0	0	0	0	1,636,200	1,636,200
Wastewater SIF Fund Balance	0	0	0	0	0	545,400	545,400
Total	0	0	0	0	0	2,181,600	2,181,600

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-318 - Final Clarifier #4 & RAS/Scum

REQUEST CODE

CIP-46-20-684

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WW - Final Clarifier #4 & RAS/Scum

PROJECT PRIORITY #

1

PROJECT #

20P-46-19-203

PROJECT AREA

CIP-46-19-203

PROJECT DESCRIPTION / NECESSITY



As flows continue to increase to the wastewater treatment plant (WWTP) an additional secondary (final) clarifier will be required to clean plant effluent. In addition to the needed additional capacity in the final clarifier new pumping, piping, and valving will be needed to convey return activated sludge (RAS) and scum to the A-basins and digesters.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	727,200	727,200
Total	0	0	0	0	0	727,200	727,200

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	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-318 - IPS Wetwell Bypass & Coating

REQUEST CODE

CIP-46-20-895

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

WWFUT

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



All of the flow that enters the wastewater treatment plant (WWTP) flow through the headworks, and into a wetwell where the flows are then pumped to the primary clarifiers. The existing wetwell has sustained damage to the concrete from the hydrogen sulfide gases that are generated from turbulent wastewater flows. In order to repair the wetwell and place a protective coating all of the flow will have to be bypass pumped.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	377,250	377,250
Construction	0	0	0	0	0	1,925,520	1,925,520
1% for the Arts	0	0	0	0	0	19,255	19,255
Total	0	0	0	0	0	2,322,025	2,322,025

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	0	0	0	0	0	2,322,025	2,322,025
Total	0	0	0	0	0	2,322,025	2,322,025

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-318 - Primary Clarifier 3-Trickling Filter Demo

REQUEST CODE

CIP-46-20-682

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WW - Primary Clarifier #3 & Trickling Filter Demo

PROJECT PRIORITY #

1

PROJECT #

20P-46-19-201

PROJECT AREA

CIP-46-19-201

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	436,320	436,320
Total	0	0	0	0	0	436,320	436,320

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	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-318 - Primary Clarifier Odor Control

REQUEST CODE

CIP-46-20-686

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WW - Primary Clarifier Odor Control

PROJECT PRIORITY #

1

PROJECT #

20P-46-19-205

PROJECT AREA

CIP-46-19-205

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	81,510	226,600	236,230	0	544,340
Construction	0	0	0	0	2,362,300	0	2,362,300
1% for the Arts	0	0	0	0	23,623	0	23,623
Total	0	0	81,510	226,600	2,622,153	0	2,930,263

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	0	0	81,510	226,600	2,622,153	0	2,930,263
Total	0	0	81,510	226,600	2,622,153	0	2,930,263

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-318 - Rehabilitate Digester 1 & 2

REQUEST CODE

CIP-46-20-681

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WW - Rehabilitate Digester 1 & 2

PROJECT PRIORITY #

1

PROJECT #

20P-46-19-200

PROJECT AREA

CIP-46-19-200

PROJECT DESCRIPTION / NECESSITY



The existing digesters (1 & 2) at the wastewater treatment plant (WWTP) currently do not function as designed. This project will replace the mixing equipment that no longer functions, replace the aging boilers, replace all of the valves and piping, and recoat and seal the floating roofs. In addition to this work, the SCADA controls and telemetry will be replaced to current City standards.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	260,630	543,400	0	0	0	804,030
Construction	0	0	5,434,030	0	0	0	5,434,030
1% for the Arts	0	0	54,340	0	0	0	54,340
Total	0	260,630	6,031,770	0	0	0	6,292,400

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	0	260,630	6,031,770	0	0	0	6,292,400
Total	0	260,630	6,031,770	0	0	0	6,292,400

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-318 - Replace HVAC Unit-Waste Activated Sludge

REQUEST CODE

CIP-46-20-891

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

WWFUT

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



The heating, ventilation, and air conditioning (HVAC) system in the Waste Activated Sludge building will need to be replaced due to the corrosive nature of the environment where the building sits at the Wastewater Treatment Plant.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	25,000	0	0	0	0	0	25,000
Total	25,000	0	0	0	0	0	25,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	25,000	0	0	0	0	0	25,000
Total	25,000	0	0	0	0	0	25,000

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-318 - Upgrade PLC Processors

REQUEST CODE

CIP-46-20-680

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WW - Upgrade PLC Processors

PROJECT PRIORITY #

1

PROJECT #

20P-46-19-199

PROJECT AREA

CIP-46-19-199

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	36,490	0	0	0	0	36,490
Construction	0	364,880	0	0	0	0	364,880
1% for the Arts	0	3,649	0	0	0	0	3,649
Total	0	405,019	0	0	0	0	405,019

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	0	405,019	0	0	0	0	405,019
Total	0	405,019	0	0	0	0	405,019

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-318 - WWTP Admin Remodel

REQUEST CODE

CIP-46-20-678

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WW - Admin Remodel

PROJECT PRIORITY #

1

PROJECT #

20P-46-19-194

PROJECT AREA

CIP-46-19-194

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	100,000	0	0	0	0	0	100,000
Construction	1,000,000	0	0	0	0	0	1,000,000
1% for the Arts	10,000	0	0	0	0	0	10,000
Total	1,110,000	0	0	0	0	0	1,110,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	1,110,000	0	0	0	0	0	1,110,000
Total	1,110,000	0	0	0	0	0	1,110,000

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-318 - WWTP Entrance Gates w/Security Cameras

REQUEST CODE

CIP-46-20-689

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT DESCRIPTION / NECESSITY



Security upgrades @ WWTP - new entrance gates, cameras, recording devices, etc.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	33,360	0	0	0	0	33,360
Construction	0	417,000	0	0	0	0	417,000
1% for the Arts	0	4,170	0	0	0	0	4,170
Total	0	454,530	0	0	0	0	454,530

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	0	454,530	0	0	0	0	454,530
Total	0	454,530	0	0	0	0	454,530

**City of Loveland
Capital Improvement Program**

315-45-304-2908-315 - W&P 45 - General Plant - Capital

REQUEST NAME

WW-304 - Miscellaneous Hardware Failures

REQUEST CODE

CIP-315-45-304-2908-20-854

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT DESCRIPTION / NECESSITY



Unexpected hardware failures per IT request.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Computer Equipment	7,500	0	0	0	0	0	7,500
Total	7,500	0	0	0	0	0	7,500

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	7,500	0	0	0	0	0	7,500
Total	7,500	0	0	0	0	0	7,500

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-310 - Purchase Leased Vehicle #2111

REQUEST CODE

CIP-46-20-848

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WASTEWATER GENERAL PLANT

PROJECT PRIORITY #

1

PROJECT #

WW930

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Purchase Leased Vehicle #2111, 2015 Ford Escape

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Motor Vehicle	5,100	0	0	0	0	0	5,100
Total	5,100	0	0	0	0	0	5,100

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	5,100	0	0	0	0	0	5,100
Total	5,100	0	0	0	0	0	5,100

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-311 - Interactive Voice Response (IVR)

REQUEST CODE

CIP-46-20-851

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WASTEWATER GENERAL PLANT

PROJECT PRIORITY #

1

PROJECT #

WW930

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Interactive voice response is a technology that allows a computer to interact with humans through the use of voice and DTMF tones input via a keypad. In telecommunications, IVR allows customers to interact with a company's host system via a telephone keypad or by speech recognition, after which services can be inquired about through the IVR dialogue. IVR systems can respond with pre-recorded or dynamically generated audio to further direct users on how to proceed. IVR systems deployed in the network are sized to handle large call volumes and also used for outbound calling, as IVR systems are more intelligent than many predictive dialer systems.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Communications Equipment	300,000	0	0	0	0	0	300,000
Total	300,000	0	0	0	0	0	300,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	300,000	0	0	0	0	0	300,000
Total	300,000	0	0	0	0	0	300,000

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-311 - Staging Server New

REQUEST CODE

CIP-46-20-850

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WASTEWATER GENERAL PLANT

PROJECT PRIORITY #

1

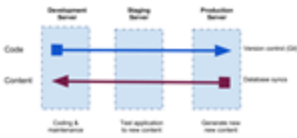
PROJECT #

WW930

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



A staging server is a type of server that is used to test a software, website or service in a production-similar environment before being set live. It is part of a staging environment or staging site, where it serves as a temporary hosting and testing server for any new software or websites.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Computer Equipment	8,000	0	0	0	0	0	8,000
Total	8,000	0	0	0	0	0	8,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	8,000	0	0	0	0	0	8,000
Total	8,000	0	0	0	0	0	8,000

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-313 - Replace Vehicle #6311

REQUEST CODE

CIP-46-20-855

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WASTEWATER GENERAL PLANT

PROJECT PRIORITY #

1

PROJECT #

WW930

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Replace Vehicle #6311 w/like vehicle - International Tandem Dump Truck

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Motor Vehicle	165,000	0	0	0	0	0	165,000
Total	165,000	0	0	0	0	0	165,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	165,000	0	0	0	0	0	165,000
Total	165,000	0	0	0	0	0	165,000

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-317 - Lab Equipment for New Water Quality Lab

REQUEST CODE

CIP-46-20-856

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Equipment for New Water Quality Lab

PROJECT PRIORITY #

1

PROJECT #

W2010G

PROJECT AREA

No Project

PROJECT DESCRIPTION / NECESSITY



Equipment for new Water Quality Lab:

\$90,000 - Atomic Absorption spectrometer (AA)

\$15,000 - Autoclave

\$6,000 - BOD Incubator

\$25,000 - Furnace (2)

\$143,000 - Inductively coupled plasma mass spectrometer (ICPMS)

\$21,000 - Refrigerator (3)

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Machinery & Equipment	300,000	0	0	0	0	0	300,000
Total	300,000	0	0	0	0	0	300,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	300,000	0	0	0	0	0	300,000
Total	300,000	0	0	0	0	0	300,000

**City of Loveland
Capital Improvement Program**

315-46-317-2902-315 - W&P 46 - Treatment

REQUEST NAME

WW-317 - Lab Equipment Replacement

REQUEST CODE

CIP-315-46-317-2902-20-941

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Replace existing lab equipment.
Atomic Absorption spectrometer (AA)
Autoclave
BOD Incubator
Furnace (2)
Inductively coupled plasma mass spectrometer (ICPMS)
Refrigerator (3)

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Machinery & Equipment	0	0	0	0	0	401,470	401,470
Total	0	0	0	0	0	401,470	401,470

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	0	0	0	0	0	401,470	401,470
Total	0	0	0	0	0	401,470	401,470

**City of Loveland
Capital Improvement Program**

46-Water/Waste Operations

REQUEST NAME

WW-319 - Replace Vehicle #6139

REQUEST CODE

CIP-46-20-857

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

WASTEWATER GENERAL PLANT

PROJECT PRIORITY #

1

PROJECT #

WW930

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Replace Vehicle #6139 - K3500 Chevrolet with like vehicle: 1 Ton, 4WD, DRW, Extended Cab with Utility Body

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Motor Vehicle	56,000	0	0	0	0	0	56,000
Total	56,000	0	0	0	0	0	56,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Wastewater Fund Balance	56,000	0	0	0	0	0	56,000
Total	56,000	0	0	0	0	0	56,000

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2020-2029 Power Utility Capital Program

	2020	2021	2022	2023	2024	Five Year Total	2025	2026	2027	2028	2029	Ten Year Total	
Revenue													
Beginning Balance	\$ 13,855,599	\$ 12,628,620	\$ 16,182,874	\$ 18,785,813	\$ 23,649,409	\$ 13,855,599	\$ 28,422,896	\$ 38,347,168	\$ 34,584,847	\$ 39,008,199	\$ 42,766,061	\$ 13,855,599	
A Operating Revenues	10,378,876	11,843,240	12,187,080	12,657,360	12,304,490	59,371,046	13,754,690	14,229,600	14,123,320	13,876,890	12,946,760	128,302,306	A
B Aid to Construction	1,710,000	1,769,850	2,046,040	2,117,650	2,191,770	9,835,310	2,268,480	2,347,870	2,430,060	2,515,100	2,603,130	21,999,950	B
C Service Installations	310,000	320,850	332,080	343,710	355,740	1,662,380	368,180	381,060	394,400	408,210	422,490	3,636,720	C
D Payback from Water	772,500	761,250	-	-	-	1,533,750	-	-	-	-	-	1,533,750	D
E PIF Collections	2,880,927	3,011,430	3,147,850	3,288,870	3,434,900	15,763,977	3,586,380	3,743,100	3,904,800	4,069,580	4,241,320	35,309,157	E
F Interest on Investments	415,670	353,600	436,940	526,000	780,430	2,512,640	1,108,160	1,479,790	1,314,220	1,521,320	1,667,880	9,604,010	F
G External Loan - SE Corridor Substation	-	-	-	-	5,000,000	5,000,000	-	-	-	-	-	5,000,000	G
H External Loan - Repayment	-	-	-	-	-	-	(300,000)	(300,000)	(300,000)	(300,000)	(300,000)	(1,500,000)	H
Total Revenue	\$ 30,323,573	\$ 30,688,840	\$ 34,332,864	\$ 37,719,403	\$ 47,716,739	\$109,534,703	\$ 49,208,786	\$ 60,228,588	\$ 56,451,647	\$ 61,099,299	\$ 64,347,641	\$ 217,741,493	
Expenditures													
Capital Projects													
1 PWR - Capital Blanket Projects	\$ 1,993,850	\$ 2,063,640	\$ 2,135,870	\$ 2,210,621	\$ 2,287,986	\$ 10,691,967	\$ 2,368,061	\$ 2,450,939	\$ 2,536,740	\$ 2,625,514	\$ 2,717,402	\$ 23,390,623	1
2 PWR - Substations (PW911)	\$ 2,272,500	\$ 1,228,291	\$ 2,986,147	\$ 895,847	\$ 927,200	\$ 8,309,985	\$ 1,043,613	\$ 1,154,642	\$ 192,748	\$ 199,495	\$ 206,474	\$ 11,106,957	2
Substation Capital Maintenance	151,500	156,801	162,288	167,973	173,851	812,413	179,932	186,234	192,748	199,495	206,474	1,777,296	
Security Gates and Fences at Substations	656,500	679,478	703,263	727,874	753,349	3,520,464	-	-	-	-	-	3,520,464	
Relay Replacements at Substations - Airport	-	235,209	-	-	-	235,209	-	-	-	-	-	235,209	
East Substation - Replace Transformer E1	606,000	-	-	-	-	606,000	-	-	-	-	-	606,000	
East Substation - Order and Install Transformer E2	-	-	-	-	-	-	-	968,408	-	-	-	968,408	
Substation Annunciators	151,500	156,803	-	-	-	308,303	-	-	-	-	-	308,303	
Airport Substation - Order and Install Switchgear and Transformer A1 and A2	-	-	2,120,596	-	-	2,120,596	-	-	-	-	-	2,120,596	
Valley Substation - Order and Install Transformer V1	-	-	-	-	-	-	863,681	-	-	-	-	863,681	
Order and Install of Switchgear for H1 and H2	707,000	-	-	-	-	707,000	-	-	-	-	-	707,000	
Extension of Underground Transmission to Serve New Substation in SE Corner of Service Territory	-	-	-	-	-	-	-	-	-	-	-	-	
3 PWR - Customer Aid to Construction (PW912)	\$ 1,260,000	\$ 1,304,100	\$ 1,563,990	\$ 1,618,730	\$ 1,675,380	\$ 7,422,200	\$ 1,734,020	\$ 1,794,710	\$ 1,857,530	\$ 1,922,540	\$ 1,989,830	\$ 16,720,830	3
4 PWR - Systems Improvements (PW913)	\$ 2,883,802	\$ 1,552,350	\$ 1,606,668	\$ 3,678,571	\$ 3,633,465	\$ 13,354,856	\$ 3,772,633	\$ 7,368,597	\$ 8,718,723	\$ 8,425,388	\$ 8,782,228	\$ 50,422,425	4
Underground Blanket - Development Driven Construction of Lateral Feeder Extensions	151,499	156,802	162,287	167,972	173,851	812,411	179,931	186,233	192,747	199,496	206,471	1,777,289	
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	
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	
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	
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	
Planned Future Projects - Worst Performing Feeders	-	-	-	-	-	-	-	2,483,096	2,570,005	2,659,954	2,753,052	10,466,107	
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	
200AMP 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	
Install 600 Amp Tie From Cascade West Along Highway 34, turning South on Rossum to Saint Andrews	-	-	-	-	-	-	-	-	-	-	61,942	61,942	
Extend New Feeders from Foothills Substation from W. 22nd & Rio Blanco to Rossum and Eisenhower	404,000	-	-	-	-	404,000	-	-	-	-	-	404,000	
Transfer West Substation Circuit 914 to Foothills Substation	505,000	-	-	-	-	505,000	-	-	-	-	-	505,000	
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	
Reconductor 921 on N Taft Ave from Railroad ROW to Eisenhower	474,953	-	-	-	-	474,953	-	-	-	-	-	474,953	
5 PWR - Conversions (PW914)	\$ 2,100,800	\$ 4,960,190	\$ 3,857,109	\$ 1,970,864	\$ 3,511,770	\$ 16,400,733	\$ 827,705	\$ 372,468	\$ 385,497	\$ 398,990	\$ 412,959	\$ 18,798,352	5
Conversion Capital Maintenance	303,000	313,602	324,583	335,945	347,703	1,624,833	359,873	372,468	385,497	398,990	412,959	3,554,620	
OH to UG Conversion - Wilson Ave. & Carlisle to SW 10th & Tyler	-	679,478	-	-	-	679,478	-	-	-	-	-	679,478	
OH to UG Conversion - Circuit 214 - Eisenhower Between Goram and Madison	515,100	-	-	-	-	515,100	-	-	-	-	-	515,100	
OH to UG Conversion - Along 29th St from Madison to Hwy 287	-	784,013	-	-	-	784,013	-	-	-	-	-	784,013	
OH to UG Conversion - Circuits 222 & 221 - from 11th Along Madison to 1st	30,300	475,639	-	-	-	505,939	-	-	-	-	-	505,939	
OH to UG Conversion - Circuit 713 - from 402 & Lincoln N to 1st St	-	-	-	44,794	938,785	983,579	-	-	-	-	-	983,579	
OH to UG Conversion - Circuit 411 - Along S. Taft from 20th St. SW to 23rd St. Sw.	-	-	-	44,794	822,887	867,681	-	-	-	-	-	867,681	
OH to UG Conversion - Circuit 411 - Railroad ROW from Taft to Grant	-	-	595,062	-	-	595,062	-	-	-	-	-	595,062	
OH to UG Conversion - Along 14th St. SW Between Roosevelt & S. Taft Ave.	-	20,907	627,523	-	-	648,430	-	-	-	-	-	648,430	
OH to UG Conversion - Along 14th St. SE from St. Louis going .26 Miles East	10,100	407,687	-	-	-	417,787	-	-	-	-	-	417,787	
OH to UG Conversion - Along Madison Between 16th and SW257 Along CKT 231	-	-	54,096	1,063,813	-	1,117,909	-	-	-	-	-	1,117,909	
OH to UG Conversion - Along Madison Between 29th and Vault 1023 - 200AMP	-	-	-	-	11,595	11,595	467,832	-	-	-	-	479,427	
OH to UG Conversion - 29th. - Logan to Garfield	-	784,013	-	-	-	784,013	-	-	-	-	-	784,013	
OH to UG Conversion - S. Roosevelt	-	-	-	-	1,390,800	1,390,800	-	-	-	-	-	1,390,800	
OH to UG Conversion - Circuit 214 - Eisenhower Between Madison & Boise - Downtown Backbone	-	-	497,688	-	-	497,688	-	-	-	-	-	497,688	
OH to UG Conversion - Circuit 214 - Railroad Between 3rd and 7th - Downtown Backbone	-	-	-	481,518	-	481,518	-	-	-	-	-	481,518	

2020-2029 Power Utility Capital Program

	2020	2021	2022	2023	2024	Five Year Total	2025	2026	2027	2028	2029	Ten Year Total	
OH to UG Conversion - Circuit 214 - 7th Between Railroad and Monroe - Downtown Backbone	-	-	676,215	-	-	676,215	-	-	-	-	-	676,215	
OH to UG Conversion - Circuit 214 - Monroe Between 7th and 11th - Downtown Backbone	-	449,501	-	-	-	449,501	-	-	-	-	-	449,501	
OH to UG Conversion - Circuit 214 - Gorom Between Eisenhower and 11th - Downtown Backbone	232,300	-	-	-	-	232,300	-	-	-	-	-	232,300	
OH to UG Conversion - Highway 287 from 29th St to 41st St	1,010,000	-	-	-	-	1,010,000	-	-	-	-	-	1,010,000	
OH to UG Conversion - Highway 287 from 41st St to 57th St	-	1,045,350	-	-	-	1,045,350	-	-	-	-	-	1,045,350	
OH to UG Conversion - Highway 287 from 57th St to 71st St	-	-	1,081,942	-	-	1,081,942	-	-	-	-	-	1,081,942	
6 PWR - Street Lights (PW915)	\$ 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	6
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	
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	
7 PWR - PIF Substations (PW920)	\$ 2,720,000	\$ 940,815	\$ 2,856,310	\$ -	\$ 6,794,442	\$ 13,311,567	\$ 575,791	\$ 645,602	\$ 3,212,507	\$ 1,196,981	\$ -	\$ 18,942,448	7
Valley Substation - V3 Switchgear and Transformer	-	-	2,326,161	-	-	2,326,161	-	-	-	-	-	2,326,161	
Valley Substation - Order & Install Transformer V1	-	-	-	-	-	-	575,791	-	-	-	-	575,791	
Airport Substation - Order and Install Switchgear and Transformer A1 and A2	-	-	530,149	-	-	530,149	-	-	-	-	-	530,149	
Horseshoe Substation - Install new Switchgear for H1 & H2	707,000	-	-	-	-	707,000	-	-	-	-	-	707,000	
New Substation in SE Corner of Service Territory	-	-	-	-	6,794,442	6,794,442	-	-	-	-	-	6,794,442	
Replace Airport Substation Transformer	-	940,815	-	-	-	940,815	-	-	-	-	-	940,815	
Foothills Substation - Order & Install F3 & F4 Transformers	-	-	-	-	-	-	-	-	3,212,507	-	-	3,212,507	
Horseshoe Substation - Replace Transformer H1	-	-	-	-	-	-	-	-	-	1,196,981	-	1,196,981	
Land Purchase	700,000	-	-	-	-	700,000	-	-	-	-	-	700,000	
Land Development	909,000	-	-	-	-	909,000	-	-	-	-	-	909,000	
East Substation - Order & Install Transformer E2	-	-	-	-	-	-	-	645,602	-	-	-	645,602	
East Substation - Order & Install New Transformer E1	404,000	-	-	-	-	404,000	-	-	-	-	-	404,000	
8 PWR - PIF - Feeder Projects	\$ 3,989,500	\$ 2,195,236	\$ 270,478	\$ 3,415,406	\$ 173,851	\$ 10,044,471	\$ 239,905	\$ 2,979,712	\$ 218,453	\$ 3,231,838	\$ 206,474	\$ 16,920,853	8
Blanket - Development Driven Construction of Miscellaneous Primary Feeder Extensions	151,500	156,803	162,286	167,973	173,851	812,413	179,931	186,234	192,748	199,495	206,474	1,777,295	
Feeder from Foothills to Hunters Run	1,515,000	-	-	-	-	1,515,000	-	-	-	-	-	1,515,000	
Install Conduits from Byrd Dr to I25 Frontage Rd. Connecting at Kendall Parkway	909,000	-	-	-	-	909,000	-	-	-	-	-	909,000	
Install 750 AL from MCR to Kendall Pkwy & I25	404,000	-	-	-	-	404,000	-	-	-	-	-	404,000	
Sub to Sub Tie - Install New Conduit Bank and 750 AL from Garfield to CR11	-	-	-	895,840	-	895,840	-	-	-	-	-	895,840	
Sub to Sub Tie - Install New Conduit Bank and 750 AL from 57th and Taft to Vault V1780	-	-	54,096	783,861	-	837,957	-	-	-	-	-	837,957	
Foothills Substation Conduit - Install New Conduit Along W. 22nd East from Rio Blanco to Van Buren	-	-	-	-	-	-	-	1,862,319	-	-	-	1,862,319	
Extend New Feeders from Valley V3 into System	-	-	54,096	1,567,732	-	1,621,828	-	-	-	-	-	1,621,828	
Extend New Feeders from East Substation to Boise and 402	505,000	-	-	-	-	505,000	-	-	-	-	-	505,000	
Extend New Feeders from Boise and 402 to I25 Towards Future New Substation	50,500	2,038,433	-	-	-	2,088,933	-	-	-	-	-	2,088,933	
Sub to Sub Tie - Install New Duct Bank and 750 AL on Madison E on 37th to CR11C, N to 57th St	-	-	-	-	-	-	59,974	931,159	-	-	-	991,133	
Sub to Sub Tie - Extend New Feeders Along CR 11 from 57th St. to CR 30.	-	-	-	-	-	-	-	-	25,705	1,037,381	-	1,063,086	
Sub to Sub Tie - Extend New Feeders Along CR 11 from Boyd Lake Ave to CR 30.	-	-	-	-	-	-	-	-	-	1,994,962	-	1,994,962	
The Brands - Byrd Dr. Fairgrounds Along Crossroads	454,500	-	-	-	-	454,500	-	-	-	-	-	454,500	
Extension of 600 amp from 14th St SW to Hwy 60 Along Hwy 287	-	-	-	-	-	-	-	-	-	-	-	-	
37th St 600AMP Extension Between Boyd Lake Ave and Rocky Mountain Blvd	-	-	-	-	-	-	-	-	-	-	-	-	
County Road 30 - Phase II - I25 Crossing	-	-	-	-	-	-	-	-	-	-	-	-	
9 PWR - PIF - Service Center Expansion	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,283,339	\$ -	\$ -	\$ -	\$ 4,283,339	9
Subtotal Capital Projects	\$ 17,472,952	\$ 14,505,960	\$ 15,547,050	\$ 14,069,991	\$ 19,293,843	\$ 80,889,796	\$ 10,861,618	\$ 21,360,402	\$ 17,443,448	\$ 18,333,238	\$ 14,659,493	\$ 163,547,995	
New & Replacement Equipment													
10 PWR - Vehicle Replacements (#5208 & #5304)	167,000	-	-	-	-	167,000	-	-	-	-	-	167,000	10
11 PWR - GEN - Service Center Expansion	-	-	-	-	-	-	-	4,283,339	-	-	-	4,283,339	11
12 PWR - General Plant - Electric Metering	55,000	-	-	-	-	55,000	-	-	-	-	-	55,000	12
Subtotal New & Replacement Equipment	222,000	-	-	-	-	222,000	-	4,283,339	-	-	-	4,505,339	
Total Capital Expenditures	\$ 17,694,952	\$ 14,505,960	\$ 15,547,050	\$ 14,069,991	\$ 19,293,843	\$ 81,111,796	\$ 10,861,618	\$ 25,643,741	\$ 17,443,448	\$ 18,333,238	\$ 14,659,493	\$ 168,053,334	
Reserve for Future Capital Projects	\$ 12,628,621	\$ 16,182,880	\$ 18,785,814	\$ 23,649,412	\$ 28,422,896	\$ 28,422,907	\$ 38,347,168	\$ 34,584,847	\$ 39,008,199	\$ 42,766,061	\$ 49,688,148	\$ 49,688,159	

**City of Loveland
Capital Improvement Program**

330-Power

REQUEST NAME

PWR - Capital Blanket Projects

REQUEST CODE

CIP-330-20-792

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

UNDERGROUND DIST LINES

PROJECT PRIORITY #

1

PROJECT #

20902

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Overhead Distribution Lines (PW901) - \$293,290
 Underground Distribution Lines (PW902) - \$2,346,280
 Meter Purchases/Installs/Upgrades (PW903) - \$5,865,690
 Distribution Transformers (PW04) - \$7,038,840
 Substation (PW905) - \$0
 Street Lights & Yard Lights (PW906) - \$4,105,980
 Overhead Service Installation/Upgrades (PW907) - \$117,320
 Underground Service Installations/Upgrades (PW908) - \$2,932,840
 Temporary Service Installations (PW909) - \$586,560

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	1,985,000	2,054,480	2,126,390	2,200,810	2,277,830	12,642,290	23,286,800
1% for the Arts	8,850	9,160	9,480	9,811	10,156	56,366	103,823
Total	1,993,850	2,063,640	2,135,870	2,210,621	2,287,986	12,698,656	23,390,623

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Power Fund Balance	1,993,850	2,063,640	2,135,870	2,210,621	2,287,986	12,698,656	23,390,623
Total	1,993,850	2,063,640	2,135,870	2,210,621	2,287,986	12,698,656	23,390,623

**City of Loveland
Capital Improvement Program**

330-Power

REQUEST NAME

PWR - Substations (PW911)

REQUEST CODE

CIP-330-20-785

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

SUBSTATION-SPECIFIC

PROJECT PRIORITY #

1

PROJECT #

20911

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Capital Maintenance - \$1,777,297
 Security Gates and Fences at Substations - \$3,520,463
 Relay Replacements at Substations - Airport - \$235,209
 Substation Annunicators - \$308,303
 East Substation - Replace Transformer E1 - \$606,000
 East Substation - Order and Install Transformer E1 - \$968,408
 Airport Substation - Order and Install Switchgear and Transformer A1 and A2 - \$2,120,596
 Valley Substation - Order and Install Transformer V1 - \$863,681
 Horseshoe Substation - Order and Install Switchgear for H1 and H2 - \$707,000

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	2,250,000	1,216,130	2,956,580	886,977	918,020	2,769,280	10,996,987
1% for the Arts	22,500	12,161	29,567	8,870	9,180	27,692	109,970
Total	2,272,500	1,228,291	2,986,147	895,847	927,200	2,796,972	11,106,957

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Power Fund Balance	2,272,500	1,228,291	2,986,147	895,847	927,200	2,796,972	11,106,957
Total	2,272,500	1,228,291	2,986,147	895,847	927,200	2,796,972	11,106,957

**City of Loveland
Capital Improvement Program**

330-Power

REQUEST NAME

PWR - Customer Aid to Construction (PW912)

REQUEST CODE

CIP-330-20-784

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

CUSTOMER AID-TO-CONSTRUCT

PROJECT PRIORITY #

1

PROJECT #

20912

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Customer Aid to Construction (ATC) - Labor/Fleet & Other Materials - \$1,260,000 for 2020.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Capitalized Labor	665,275	0	0	0	0	0	665,275
Purchased Materials	172,251	0	0	0	0	0	172,251
Construction	422,474	1,304,100	1,563,990	1,618,730	1,675,380	9,298,630	15,883,304
Total	1,260,000	1,304,100	1,563,990	1,618,730	1,675,380	9,298,630	16,720,830

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	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**

330-Power

REQUEST NAME

PWR - Systems Improvements (PW913)

REQUEST CODE

CIP-330-20-786

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

SYSTEM IMPROVEMENTS

PROJECT PRIORITY #

1

PROJECT #

20913

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 - \$61,943
 Extend New Feeders from Foothills Substation from W. 22nd & Rio Blanco to Rossum and Eisenhower - \$404,000
 Transfer West Substation Circuit 914 to Foothills Substation - \$505,000
 Miscellaneous Small Projects (PW913) - \$2,491,569
 Reconductor 921 on N Taft Ave from Railroad Right of Way to Eisenhower - \$474,953

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	2,855,250	1,536,980	1,590,760	3,642,150	3,597,490	36,700,563	49,923,193
1% for the Arts	28,552	15,370	15,908	36,421	35,975	367,006	499,232
Total	2,883,802	1,552,350	1,606,668	3,678,571	3,633,465	37,067,569	50,422,425

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Power Fund Balance	2,883,802	1,552,350	1,606,668	3,678,571	3,633,465	37,067,569	50,422,425
Total	2,883,802	1,552,350	1,606,668	3,678,571	3,633,465	37,067,569	50,422,425

**City of Loveland
Capital Improvement Program**

330-Power

REQUEST NAME

PWR - Conversions (PW914)

REQUEST CODE

CIP-330-20-787

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

CONVERSIONS

PROJECT PRIORITY #

1

PROJECT #

20914

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Capital Maintenance - \$3,554,624
 Overhead (OH) to underground (UG) conversion Wilson Ave & Carlisle to SW 10th & Tyler - \$679,478
 OH to UG circuit 214 - Eisenhower between Goram and Madison - \$515,100
 OH to UG conversion along 29th St from Madison to HWY 287 - \$784,013
 OH to UG conversion circuits 222 & 221 from 11th along Madison to 1st St - \$505,939
 OH to UG conversion circuit 713 from 402 & Lincoln N to 1st St - \$983,578
 OH to UG conversion circuit 411 along S. Taft from 20th St SW to 23rd St SW - \$867,681
 OH to UG conversion circuit 411 on Railroad right of way from Taft to Grant - \$595,062
 OH to UG conversion along 14th St SW between Roosevelt & S. Taft Ave - \$648,430
 OH to UG conversion along 14th St SE from St. Louis going .26 miles east - \$417,787
 OH to UG conversion along Madison between 16th & SW257 along ckt 231 - \$1,117,908
 OH to UG conversion along Madison between 29th and vault 1023 - 200amp - \$479,427
 OH to UG conversion on 29th - Logan to Garfield - \$784,013
 OH to UG conversion on S. Roosevelt - \$1,390,800
 OH to UG conversion circuit 214 - Eisenhower between Madison and Boise - Downtown Backbone - \$497,688
 OH to UG conversion circuit 214 - 7th between Railroad and Monroe - Downtown Backbone - \$676,215
 OH to UG conversion circuit 214 - Monroe between 7th and 11th - Downtown Backbone - \$449,501
 OH to UG conversion circuit 214 - Goram between Eisenhower and 11th - Downtown Backbone - \$232,300
 OH to UG conversion circuit 214 - Railroad between 3rd and 7th - Downtown Backbone - \$481,518
 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

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	2,080,000	4,911,080	3,818,920	1,951,350	3,477,000	2,373,880	18,612,230
1% for the Arts	20,800	49,110	38,189	19,514	34,770	23,739	186,122
Total	2,100,800	4,960,190	3,857,109	1,970,864	3,511,770	2,397,619	18,798,352

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Power Fund Balance	2,100,800	4,960,190	3,857,109	1,970,864	3,511,770	2,397,619	18,798,352
Total	2,100,800	4,960,190	3,857,109	1,970,864	3,511,770	2,397,619	18,798,352

**City of Loveland
Capital Improvement Program**

330-Power

REQUEST NAME

PWR - Street Lights (PW915)

REQUEST CODE

CIP-330-20-788

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

STREET LIGHTS-SPECIFIC

PROJECT PRIORITY #

1

PROJECT #

20915

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Arterials/Major Collectors - \$1,777,297
Customer Requests/Miscellaneous Projects - \$1,184,871

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	250,000	258,750	267,800	277,180	286,880	1,592,230	2,932,840
1% for the Arts	2,500	2,588	2,677	2,772	2,869	15,922	29,328
Total	252,500	261,338	270,477	279,952	289,749	1,608,152	2,962,168

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Power Fund Balance	252,500	261,338	270,477	279,952	289,749	1,608,152	2,962,168
Total	252,500	261,338	270,477	279,952	289,749	1,608,152	2,962,168

**City of Loveland
Capital Improvement Program**

331-Power PIF

REQUEST NAME

PWR - PIF- Substations (PW920)

REQUEST CODE

CIP-331-20-789

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

PIF-SUBSTATIONS

PROJECT PRIORITY #

1

PROJECT #

20920

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Valley Substation - Order and Install Switchgear and Transformer V3 - \$2,326,161
 Valley Substation - Order and Install Transformer V1 - \$575,791
 Airport Substation - Order and Install Switchgear and Transformer A1 & A2 - \$530,149
 Horseshoe Substation - Install new Switchgear for H1 & H2 - \$707,000
 New Substation in South East Corner of Service Territory - \$6,794,442
 Replace Airport Substation Transformer - \$940,815
 Foothills Substation - Order and Install F3 & F4 Transformers - \$3,212,507
 Replace Horseshoe Substation Transformer H1 - \$1,196,981
 Land Purchase - \$700,000
 Land Development - \$909,000
 East Substation - Order and Install Transformer E2 - \$645,602
 East Substation - Order and Install Transformer E1 - \$404,000

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	2,700,000	931,500	2,828,030	0	6,727,170	5,575,130	18,761,830
1% for the Arts	20,000	9,315	28,280	0	67,272	55,751	180,618
Total	2,720,000	940,815	2,856,310	0	6,794,442	5,630,881	18,942,448

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Power PIF Fund Balance	2,720,000	940,815	2,856,310	0	6,794,442	5,630,881	18,942,448
Total	2,720,000	940,815	2,856,310	0	6,794,442	5,630,881	18,942,448

**City of Loveland
Capital Improvement Program**

331-Power PIF

REQUEST NAME

PWR - PIF- Feeder Projects

REQUEST CODE

CIP-331-20-790

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

PIF-FEEDERS

PROJECT PRIORITY #

1

PROJECT #

20921

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
 Feeder from Foothills to Hunters Run - \$1,515,000
 Install Conduits from Byrd Dr to I25 Frontage Road Connecting at Kendall Parkway - \$909,000
 Sub to Sub Tie - Install New Conduit Bank and 750 AL from Medical Center of Rockies to Kendall Parkway - \$404,000
 Sub to Sub Tie - Install New Conduit Bank and 750 AL from Garfield to County Road 11 - \$895,840
 Sub to Sub Tie - Install New Conduit Bank and 750 AL from 57th and Taft to Vault V1780 - \$837,957
 Foothills Substation conduit - Install new Conduit Along W 22nd East from Rio Blanco to Van Buren - \$1,862,319
 Extend New Feeders from Valley V3 Into System - \$1,621,828
 Extend New Feeders from East Substation to Boise and 402 - \$505,000
 Extend New Feeders from Boise and 402 to I25 Towards Future New Substation - \$2,088,933
 Sub to Sub Tie - Install New Duct Bank and 750 AL on Madison E on 37th to County Road 11C, N to 57th St - \$991,133
 Sub to Sub Tie - Extend New Feeders Along County Road 11 from 57th St to County Road 30 - \$1,063,086
 Sub to Sub Tie - Extend New Feeders Along County Road 11 from Boyd Lake Ave to County Road 30 - \$1,994,962
 The Brands - Byrd Dr. Fairgrounds Along Crossroads - \$454,500

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	3,950,000	2,173,500	267,800	3,381,590	172,130	6,808,300	16,753,320
1% for the Arts	39,500	21,736	2,678	33,816	1,721	68,082	167,533
Total	3,989,500	2,195,236	270,478	3,415,406	173,851	6,876,382	16,920,853

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Power PIF Fund Balance	3,989,500	2,195,236	270,478	3,415,406	173,851	6,876,382	16,920,853
Total	3,989,500	2,195,236	270,478	3,415,406	173,851	6,876,382	16,920,853

**City of Loveland
Capital Improvement Program**

331-Power PIF

REQUEST NAME

PWR - PIF - Service Center Expansion

REQUEST CODE

CIP-331-20-939

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

GENERAL PLANT

PROJECT PRIORITY #

1

PROJECT #

PW930

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Expansion of the service center to accommodate the growth of the Water & Power Division. Expansion slated for 2026 at a 2019 cost of \$15,000,000. Amount to be split among the Water, Waste, and Power funds.

Power portion of the expansion will be divided between Power General and Power PIF.

Power PIF portion of the expansion - \$4,283,339

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	0	0	0	0	4,240,930	4,240,930
1% for the Arts	0	0	0	0	0	42,409	42,409
Total	0	0	0	0	0	4,283,339	4,283,339

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Power PIF Fund Balance	0	0	0	0	0	4,283,339	4,283,339
Total	0	0	0	0	0	4,283,339	4,283,339

**City of Loveland
Capital Improvement Program**

330-Power

REQUEST NAME

PWR - Vehicle Replacements

REQUEST CODE

CIP-330-20-793

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT DESCRIPTION / NECESSITY



Replace #5304, 2020 Ford F450 with service body - \$115,000 - coding 330-45-332-2908-48244
 Replace #5208, 3/4 ton extended cab, 4wd w/ utility box - \$52,000 - coding 330-45-314-2908-48244

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Motor Vehicle	167,000	0	0	0	0	0	167,000
Total	167,000	0	0	0	0	0	167,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Power Fund Balance	167,000	0	0	0	0	0	167,000
Total	167,000	0	0	0	0	0	167,000

**City of Loveland
Capital Improvement Program**

330-Power

REQUEST NAME

PWR - GEN - Service Center Expansion

REQUEST CODE

CIP-330-20-940

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

GENERAL PLANT

PROJECT PRIORITY #

1

PROJECT #

PW930

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



Expansion of the service center to accommodate the growth of the Water & Power Division. Expansion slated for 2026 at a 2019 cost of \$15,000,000. Amount to be split among the Water, Waste, and Power funds.

Power portion of the expansion will be divided between Power General and Power PIF.

Power GEN portion of the expansion - \$4,283,339.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	0	0	0	0	4,240,930	4,240,930
1% for the Arts	0	0	0	0	0	42,409	42,409
Total	0	0	0	0	0	4,283,339	4,283,339

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Power Fund Balance	0	0	0	0	0	4,283,339	4,283,339
Total	0	0	0	0	0	4,283,339	4,283,339

**City of Loveland
Capital Improvement Program**

330-Power

REQUEST NAME

PWR - General Plant - Electric Metering

REQUEST CODE

CIP-330-20-847

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

GENERAL PLANT

PROJECT PRIORITY #

1

PROJECT #

PW930

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



New field test kit for commercial applications. This device tests electric meter accuracy as well as all associated equipment that is used to determine the energy usage.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Machinery & Equipment	55,000	0	0	0	0	0	55,000
Total	55,000	0	0	0	0	0	55,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Power Fund Balance	55,000	0	0	0	0	0	55,000
Total	55,000	0	0	0	0	0	55,000

2020-2029 Municipal Fiber Utility Capital Program

	2020	2021	2022	2023	2024	Five Year Total	2025	2026	2027	2028	2029	Ten Year Total
Revenue												
Beginning Balance	\$ 11,685,195	\$ 8,852,945	\$ 7,860,784	\$ 8,384,279	\$ 9,279,586	\$ 11,685,195	\$ 10,161,865	\$ 11,376,105	\$ 12,940,577	\$ 15,863,208	\$ 15,467,425	\$ 11,685,195
A Operating Revenues	(2,974,861)	(953,816)	3,640,681	7,334,838	8,830,967	15,877,808	9,141,429	9,455,375	9,754,603	10,062,216	10,393,574	64,685,006
B Interest on Investments	\$722,393	\$395,535	\$292,759	\$252,814	\$324,851	1,988,352	\$385,176	\$462,566	\$582,055	\$568,116	\$666,773	4,653,038
C External Loan Receipts	\$0	\$0	\$0	\$0	\$0	-	\$0	\$0	\$0	\$0	\$0	-
D Internal Loan Repayment	(75,000)	(70,000)	(67,500)	(70,000)	(555,000)	(837,500)	(555,000)	(555,000)	(555,000)	(555,000)	-	(3,057,500)
E External Loan Repayment	-	-	(3,252,600)	(6,531,350)	(6,531,350)	(16,315,300)	(6,531,350)	(6,531,350)	(6,531,350)	(6,531,350)	(6,531,350)	(48,972,050)
Total Available Funds	\$ 9,357,728	\$ 8,224,663	\$ 8,474,124	\$ 9,370,581	\$ 11,349,054	\$ 12,398,556	\$ 12,602,119	\$ 14,207,696	\$ 16,190,885	\$ 19,407,191	\$ 19,996,422	\$ 28,993,689
Expenditures												
Capital Projects												
1 FB - Network Construction	194,298	89,724	-	-	-	284,022	-	-	-	-	-	284,022
2 FB - Network Growth	-	-	-	-	101,000	101,000	101,000	101,000	101,000	101,000	101,000	606,000
3 FB - Service Drops	35,150	66,244	85,489	86,507	208,786	482,176	217,364	226,287	221,889	245,152	247,827	1,640,694
Subtotal Bricks & Mortar	\$ 229,448	\$ 155,967	\$ 85,489	\$ 86,507	\$ 309,786	\$ 867,197	\$ 318,364	\$ 327,287	\$ 322,889	\$ 346,152	\$ 348,827	2,530,716
New & Replacement Equipment												
4 FB - Fiber Optic Splicing Trailer	22,500	-	-	-	-	22,500	-	-	-	-	30,665	53,165
5 FB - Fusion Splicer	15,000	-	-	-	-	15,000	-	-	-	-	20,443	35,443
6 FB - IP Addresses	72,835	52,912	4,356	4,488	4,620	139,211	4,320	4,884	4,788	5,148	5,520	163,871
7 FB - Maintenance Trucks	65,000	65,000	-	-	-	130,000	-	-	-	-	88,588	218,588
8 FB - OLT Replacements/Upgrades	-	-	-	-	-	-	-	-	-	3,588,466	1,794,233	5,382,699
9 FB - ONT Replacements/Upgrades	-	-	-	-	872,783	872,783	903,331	934,947	-	-	-	2,711,061
10 FB - Optical Time Domain Reflectometer (ODTR)	10,000	-	-	-	-	10,000	-	-	-	-	13,629	23,629
11 FB - Service Vans	90,000	90,000	-	-	-	180,000	-	-	-	-	-	180,000
Subtotal New & Replacement Equipment	\$ 275,335	\$ 207,912	\$ 4,356	\$ 4,488	\$ 877,403	\$ 1,369,494	\$ 907,651	\$ 939,831	\$ 4,788	\$ 3,593,614	\$ 1,953,079	8,768,456
Total Capital Projects & Equipment	\$ 504,783	\$ 363,879	\$ 89,845	\$ 90,995	\$ 1,187,189	\$ 2,236,691	\$ 1,226,015	\$ 1,267,118	\$ 327,677	\$ 3,939,766	\$ 2,301,906	\$ 11,299,172
Reserve for Future Capital Projects	\$ 8,852,945	\$ 7,860,784	\$ 8,384,279	\$ 9,279,586	\$ 10,161,865	\$ 10,161,865	\$ 11,376,105	\$ 12,940,577	\$ 15,863,208	\$ 15,467,425	\$ 17,694,516	\$ 17,694,516

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**City of Loveland
Capital Improvement Program**

335-47-330-2903-335 - Muni Fiber - Distribution

REQUEST NAME

FB - Network Construction

REQUEST CODE

CIP-335-47-330-2903-20-898

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

FB Network Construction (Bear

PROJECT PRIORITY #

1

PROJECT #

FB1901J

PROJECT AREA

No Project

PROJECT DESCRIPTION / NECESSITY



Transfer for 1% for the Arts for year 2 spending of the network construction. The network construction is the cost of building a fiber-optic network to pass by every property, business, or residence for connection to the network. This includes the materials, labor, trenching and boring, fiber and equipment installation, and landscape restoration. The capital portion of the Network Construction was all budgeted in 2019.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
1% for the Arts	194,298	89,724	0	0	0	0	284,022
Total	194,298	89,724	0	0	0	0	284,022

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	194,298	89,724	0	0	0	0	284,022
Total	194,298	89,724	0	0	0	0	284,022

**City of Loveland
Capital Improvement Program**

335-47-332-2903-335 - Muni Fiber - Distribution

REQUEST NAME

FB - Network Growth

REQUEST CODE

CIP-335-47-332-2903-20-902

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



Capital investment associated with growth of the network as the Loveland community grows. This includes network feeder, distribution and drop installations to serve customers as the city expands.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	0	0	0	100,000	500,000	600,000
1% for the Arts	0	0	0	0	1,000	5,000	6,000
Total	0	0	0	0	101,000	505,000	606,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	0	0	0	0	101,000	505,000	606,000
Total	0	0	0	0	101,000	505,000	606,000

**City of Loveland
Capital Improvement Program**

335-47-332-2903-335 - Muni Fiber - Distribution

REQUEST NAME

FB - Service Drops

REQUEST CODE

CIP-335-47-332-2903-20-899

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

FB Service Drops

PROJECT PRIORITY #

1

PROJECT #

FB1902J

PROJECT AREA

No Project

PROJECT DESCRIPTION / NECESSITY



Materials and labor associated with the installation of fiber-optic connections between the Access Terminal (AT) located at the curb and the individual residential or business premises. This also includes the transfers for 1% for the Arts for the Service Drops contracted for the original roll out.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	11,087	28,206	45,934	58,409	206,719	1,147,048	1,497,403
1% for the Arts	24,063	38,038	39,555	28,098	2,067	11,470	143,291
Total	35,150	66,244	85,489	86,507	208,786	1,158,518	1,640,694

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	35,150	66,244	85,489	86,507	208,786	1,158,518	1,640,694
Total	35,150	66,244	85,489	86,507	208,786	1,158,518	1,640,694

**City of Loveland
Capital Improvement Program**

335-47-349-2903-335 - Muni Fiber - Distribution

REQUEST NAME

FB - Fiber Optic Splicing Trailer

REQUEST CODE

CIP-335-47-349-2903-20-905

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

FB Splicing Trailer

PROJECT PRIORITY #

1

PROJECT #

FB1922J

PROJECT AREA

No Project

PROJECT DESCRIPTION / NECESSITY



A fiber-optic splicing trailer is used in the field for splicing fiber-optic cable together. The trailer provides a clean, temperature controlled, lab type environment to perform fiber splicing and prevent any airborne particles from contaminating the splice procedure.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Motor Vehicle	22,500	0	0	0	0	30,665	53,165
Total	22,500	0	0	0	0	30,665	53,165

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	22,500	0	0	0	0	30,665	53,165
Total	22,500	0	0	0	0	30,665	53,165

**City of Loveland
Capital Improvement Program**

335-47-349-2903-335 - Muni Fiber - Distribution

REQUEST NAME

FB - Fusion Splicer

REQUEST CODE

CIP-335-47-349-2903-20-907

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

FB Fusion Splicer

PROJECT PRIORITY #

1

PROJECT #

FB1924J

PROJECT AREA

No Project

PROJECT DESCRIPTION / NECESSITY



A Fusion Splicer is a tool that creates a permanent connection between two or more optical fibers by welding them together with an electronic arc. The goal is to fuse the two fibers together in such a way that light passing through the fibers is not scattered or reflected back by the splice.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Machinery & Equipment	15,000	0	0	0	0	20,443	35,443
Total	15,000	0	0	0	0	20,443	35,443

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	15,000	0	0	0	0	20,443	35,443
Total	15,000	0	0	0	0	20,443	35,443

**City of Loveland
Capital Improvement Program**

335-47-332-2903-335 - Muni Fiber - Distribution

REQUEST NAME
FB - IP Addresses

REQUEST CODE
CIP-335-47-332-2903-20-908

REQUEST TYPE
Capital Improvement Program

Start Date
1/1/2020

PROJECT NAME
FB IP Addresses

PROJECT PRIORITY #
1

PROJECT #
FB1905J

PROJECT AREA
No Project

PROJECT DESCRIPTION / NECESSITY



The IP address is a unique address that any device connecting to the Internet such as computers, tablets and smartphones must have to identify themselves and communicate with other devices across the Internet. The utility must purchase and have available a sufficient number of IP addresses to connect every premise and/or device.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Other Capital	72,835	52,912	4,356	4,488	4,620	24,660	163,871
Total	72,835	52,912	4,356	4,488	4,620	24,660	163,871

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	72,835	52,912	4,356	4,488	4,620	24,660	163,871
Total	72,835	52,912	4,356	4,488	4,620	24,660	163,871

**City of Loveland
Capital Improvement Program**

335-47-349-2903-335 - Muni Fiber - Distribution

REQUEST NAME

FB - Maintenance Trucks

REQUEST CODE

CIP-335-47-349-2903-20-904

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

FB Maintenance Truck

PROJECT PRIORITY #

1

PROJECT #

FB1921J

PROJECT AREA

No Project

PROJECT DESCRIPTION / NECESSITY



The Maintenance Truck will be used for the installation, testing, and maintenance of the fiber-optic feeder and distribution network. This vehicle will be branded with the utility logo and utilized by Field Service and Installation Technicians.

This is for one truck to be purchased in 2020 and one truck in 2021 and one truck in 2029.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Motor Vehicle	65,000	65,000	0	0	0	88,588	218,588
Total	65,000	65,000	0	0	0	88,588	218,588

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	65,000	65,000	0	0	0	88,588	218,588
Total	65,000	65,000	0	0	0	88,588	218,588

**City of Loveland
Capital Improvement Program**

335-47-349-2903-335 - Muni Fiber - Distribution

REQUEST NAME

FB - OLT Replacements / Upgrades

REQUEST CODE

CIP-335-47-349-2903-20-901

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



OLT Replacements / Upgrade

Capital investment to replace the network equipment is planned throughout the ten year plan. The OLT (Optical Line Terminal) is a device which serves as the service provider endpoint of a passive optical network and controls the information flow going both directions. The OLT may also be referred to as the central office.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Machinery & Equipment	0	0	0	0	0	5,382,699	5,382,699
Total	0	0	0	0	0	5,382,699	5,382,699

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	0	0	0	0	0	5,382,699	5,382,699
Total	0	0	0	0	0	5,382,699	5,382,699

**City of Loveland
Capital Improvement Program**

335-47-349-2903-335 - Muni Fiber - Distribution

REQUEST NAME

FB - ONT Replacements / Upgrades

REQUEST CODE

CIP-335-47-349-2903-20-900

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

No Project

PROJECT PRIORITY #

1

PROJECT #

N/A

PROJECT AREA

All Projects

PROJECT DESCRIPTION / NECESSITY



ONT Replacement / Upgrade

Capital investment to replace the network equipment is planned throughout the ten year plan. The ONT (Optical Network Terminal) connects to the Access Terminal (AT) with an optical fiber cable.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Machinery & Equipment	0	0	0	0	872,783	1,838,278	2,711,061
Total	0	0	0	0	872,783	1,838,278	2,711,061

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	0	0	0	0	872,783	1,838,278	2,711,061
Total	0	0	0	0	872,783	1,838,278	2,711,061

**City of Loveland
Capital Improvement Program**

335-47-349-2903-335 - Muni Fiber - Distribution

REQUEST NAME

FB - Optical Time Domain Reflectometer (ODTR)

REQUEST CODE

CIP-335-47-349-2903-20-906

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

FB ODTR Equipment

PROJECT PRIORITY #

1

PROJECT #

FB1923J

PROJECT AREA

No Project

PROJECT DESCRIPTION / NECESSITY



An OTDR (Optical Time Domain Reflectometer) certifies the performance of the fiber-optic networks by measuring and verifying the loss of individual splices and other components in a fiber link. It also locates fiber breaks, excessive bends in fiber, and other problems that create loss of optical power (light).

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Machinery & Equipment	10,000	0	0	0	0	13,629	23,629
Total	10,000	0	0	0	0	13,629	23,629

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	10,000	0	0	0	0	13,629	23,629
Total	10,000	0	0	0	0	13,629	23,629

**City of Loveland
Capital Improvement Program**

335-47-349-2903-335 - Muni Fiber - Distribution

REQUEST NAME
FB - Service Vans

REQUEST CODE
CIP-335-47-349-2903-20-903

REQUEST TYPE
Capital Improvement Program

Start Date
1/1/2020

PROJECT NAME
FB Service Truck

PROJECT PRIORITY #
1

PROJECT #
FB1920J

PROJECT AREA
No Project

PROJECT DESCRIPTION / NECESSITY



The Service Van is utilized for the installation, operation, and maintenance of the fiber-optic feeder and distribution network. This vehicle will be branded with the utility logo and utilized by Field Service and Installation Technicians.

This is for two vans to be purchased in 2020 and two vans to be purchased in 2021

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Motor Vehicle	90,000	90,000	0	0	0	0	180,000
Total	90,000	90,000	0	0	0	0	180,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	90,000	90,000	0	0	0	0	180,000
Total	90,000	90,000	0	0	0	0	180,000

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2020-2029 Stormwater Utility Capital Program

	2020	2021	2022	2023	2024	Five Year Total	2025	2026	2027	2028	2029	Ten Year Total
Revenue												
Beginning Balance	\$ 5,792,268	\$ 2,525,218	\$ 941,898	\$ 90,468	\$ 359,058	\$ 5,792,268	\$ 861,028	\$ 1,445,498	\$ 1,948,088	\$ 3,066,088	\$ 4,138,188	\$ 5,792,268
A Operating Revenues	3,964,070	3,808,960	3,863,540	3,918,150	3,972,720	19,527,440	3,953,860	3,932,150	3,907,460	3,907,460	-	35,228,370
B SIF Revenue	485,080	557,840	641,520	737,750	848,410	3,270,600	975,670	1,122,020	1,290,320	1,290,320	-	7,948,930
C Interest on Investments/Income	88,500	50,400	58,890	69,630	47,640	315,060	76,520	77,970	97,760	-	-	567,310
Total Revenue	\$ 10,329,918	\$ 6,942,418	\$ 5,505,848	\$ 4,815,998	\$ 5,227,828	\$ 28,905,368	\$ 5,867,078	\$ 6,577,638	\$ 7,243,628	\$ 8,263,868	\$ 4,138,188	\$ 49,536,878
Expenditures												
Capital Projects												
1 SWA - 22nd Street Storm Sewer (Van Buren to Taft)	-	-	-	-	-	-	-	-	141,600	-	1,191,800	1,333,400
2 SWA - 29th & Sheridan Stormwater Improvements	75,000	424,200	-	-	-	499,200	-	-	-	-	-	499,200
3 SWA - Boyd Lake Outlet Ditch Improvements	-	2,727,000	-	-	-	2,727,000	-	-	-	-	-	2,727,000
4 SWA - Engineering, Surveying & Geotechnical Services	156,000	196,000	167,000	173,000	194,000	886,000	185,000	191,000	218,000	205,000	212,000	1,897,000
5 SWA - Garfield & Harrison Outfall	-	829,000	4,040,000	3,030,000	487,000	8,386,000	2,525,000	2,898,700	-	-	-	13,809,700
6 SWA - Hogback Basin Outfall	-	-	272,400	-	2,292,700	2,565,100	-	-	-	-	-	2,565,100
7 SWA - Maintanance & Asset Management Projects	101,000	429,250	442,380	455,510	468,640	1,896,780	482,780	496,920	512,070	527,220	543,380	4,459,150
8 SWA - Millennium SW 9th Subdivision Outfall	-	353,500	-	-	-	353,500	-	-	-	-	-	353,500
9 SWA - Silver Lake Improvements (North Phase)	-	-	-	-	-	-	-	-	100,000	-	545,400	645,400
10 SWA - Silver Lake Improvements (South Phase)	100,000	565,600	-	-	-	665,600	-	-	-	-	-	665,600
11 SWA - South Loveland Outfall (Phase 3)	6,878,100	-	-	-	-	6,878,100	-	-	-	-	-	6,878,100
12 SWA - South Rist Benson Lake Outfall	-	-	-	-	-	-	50,000	-	-	190,000	-	240,000
13 SWA - Stormwater Quality Retrofits	101,000	108,070	111,100	114,130	117,160	551,460	121,200	124,230	128,270	132,310	136,350	1,193,820
14 SWA - Wilson & Eisenhower Stormwater Improvements	-	-	-	-	-	-	509,500	-	2,535,100	2,610,850	-	5,655,450
Subtotal Capital Projects	\$ 7,411,100	\$ 5,632,620	\$ 5,032,880	\$ 3,772,640	\$ 3,559,500	\$ 25,408,740	\$ 3,873,480	\$ 3,710,850	\$ 3,635,040	\$ 3,665,380	\$ 2,628,930	\$ 42,922,420
New & Replacement Equipment												
15 SWA - New & Replacement Equipment	393,600	367,900	382,500	684,300	807,300	2,635,600	548,100	918,700	542,500	460,300	832,500	5,937,700
Subtotal New & Replacement Equipment	\$ 393,600	\$ 367,900	\$ 382,500	\$ 684,300	\$ 807,300	\$ 2,635,600	\$ 548,100	\$ 918,700	\$ 542,500	\$ 460,300	\$ 832,500	\$ 5,937,700
Total Capital Projects & Equipment	\$ 7,804,700	\$ 6,000,520	\$ 5,415,380	\$ 4,456,940	\$ 4,366,800	\$ 28,044,340	\$ 4,421,580	\$ 4,629,550	\$ 4,177,540	\$ 4,125,680	\$ 3,461,430	\$ 48,860,120
Reserve for Future Capital Projects	\$ 2,525,218	\$ 941,898	\$ 90,468	\$ 359,058	\$ 861,028	\$ 861,028	\$ 1,445,498	\$ 1,948,088	\$ 3,066,088	\$ 4,138,188	\$ 676,758	\$ 676,758

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**City of Loveland
Capital Improvement Program**

345-23-283-0000-345 - PW's - TB

REQUEST NAME

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

REQUEST CODE

CIP-345-23-283-0000-20-516

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

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

PROJECT PRIORITY #

1

PROJECT #

20P-345-23-283-0000-19-064

PROJECT AREA

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

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	141,600	141,600
Construction	0	0	0	0	0	1,180,000	1,180,000
1% for the Arts	0	0	0	0	0	11,800	11,800
Total	0	0	0	0	0	1,333,400	1,333,400

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Stormwater Fund Balance	0	0	0	0	0	1,333,400	1,333,400
Total	0	0	0	0	0	1,333,400	1,333,400

**City of Loveland
Capital Improvement Program**

345-23-283-0000-345 - PW's - TB

REQUEST NAME

SWA - 29th & Sheridan Stormwater Improvements

REQUEST CODE

CIP-345-23-283-0000-20-517

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

SWA - 29th & Sheridan Stormwater Improvements

PROJECT PRIORITY #

1

PROJECT #

20P-345-23-283-0000-19-065

PROJECT AREA

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

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	75,000	0	0	0	0	0	75,000
Construction	0	420,000	0	0	0	0	420,000
1% for the Arts	0	4,200	0	0	0	0	4,200
Total	75,000	424,200	0	0	0	0	499,200

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Stormwater Fund Balance	75,000	424,200	0	0	0	0	499,200
Total	75,000	424,200	0	0	0	0	499,200

**City of Loveland
Capital Improvement Program**

345-23-283-0000-345 - PW's - TB

REQUEST NAME

SWA - Boyd Lake Outlet Ditch Improvements

REQUEST CODE

CIP-345-23-283-0000-20-519

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

SWA - Boyd Lake Outlet Ditch Improvements

PROJECT PRIORITY #

1

PROJECT #

20P-345-23-283-0000-19-068

PROJECT AREA

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

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

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	2,700,000	0	0	0	0	2,700,000
1% for the Arts	0	27,000	0	0	0	0	27,000
Total	0	2,727,000	0	0	0	0	2,727,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Stormwater SIF Fund	0	2,727,000	0	0	0	0	2,727,000
Balance	0	2,727,000	0	0	0	0	2,727,000
Total	0	2,727,000	0	0	0	0	2,727,000

**City of Loveland
Capital Improvement Program**

345-23-283-0000-345 - PW's - TB

REQUEST NAME

SWA - Engineering, Surveying & Geotechnical Svcs.

REQUEST CODE

CIP-345-23-283-0000-20-521

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

SWA - Engineering, Surveying, Geotechnical Svcs.

PROJECT PRIORITY #

1

PROJECT #

20P-345-23-283-0000-19-070

PROJECT AREA

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

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	156,000	196,000	167,000	173,000	194,000	1,011,000	1,897,000
Total	156,000	196,000	167,000	173,000	194,000	1,011,000	1,897,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Stormwater Fund Balance	156,000	196,000	167,000	173,000	194,000	1,011,000	1,897,000
Total	156,000	196,000	167,000	173,000	194,000	1,011,000	1,897,000

**City of Loveland
Capital Improvement Program**

345-23-283-0000-345 - PW's - TB

REQUEST NAME

SWA - Garfield & Harrison Outfall

REQUEST CODE

CIP-345-23-283-0000-20-522

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

SWA - Garfield & Harrison Outfall

PROJECT PRIORITY #

1

PROJECT #

20P-345-23-283-0000-19-071

PROJECT AREA

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

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	425,000	0	0	487,000	0	912,000
Construction	0	400,000	4,000,000	3,000,000	0	5,370,000	12,770,000
1% for the Arts	0	4,000	40,000	30,000	0	53,700	127,700
Total	0	829,000	4,040,000	3,030,000	487,000	5,423,700	13,809,700

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Stormwater Fund Balance	0	829,000	4,040,000	3,030,000	487,000	5,423,700	13,809,700
Total	0	829,000	4,040,000	3,030,000	487,000	5,423,700	13,809,700

Operating Budget

Expenses	2020	2021	2022	2023	2024	2025-2029	Total
O & M Ongoing	0	146,000	0	0	0	0	146,000
Total	0	146,000	0	0	0	0	146,000

**City of Loveland
Capital Improvement Program**

345-23-283-0000-345 - PW's - TB

REQUEST NAME

SWA - Hogback Basin Outfall

REQUEST CODE

CIP-345-23-283-0000-20-523

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

SWA - Hogback Basin Outfall

PROJECT PRIORITY #

1

PROJECT #

20P-345-23-283-0000-19-073

PROJECT AREA

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

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	272,400	0	0	0	272,400
Construction	0	0	0	0	2,270,000	0	2,270,000
1% for the Arts	0	0	0	0	22,700	0	22,700
Total	0	0	272,400	0	2,292,700	0	2,565,100

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Stormwater Fund Balance	0	0	272,400	0	2,292,700	0	2,565,100
Total	0	0	272,400	0	2,292,700	0	2,565,100

**City of Loveland
Capital Improvement Program**

345-23-283-0000-345 - PW's - TB

REQUEST NAME

SWA - Maintenance & Asset Management Projects

REQUEST CODE

CIP-345-23-283-0000-20-524

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

SWA - Maintenance & Asset Management Projects

PROJECT PRIORITY #

1

PROJECT #

20P-345-23-283-0000-19-074

PROJECT AREA

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

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 was at \$400,000 per year prior to 2020, but will be increased for anticipated inflation in future years. This annual program will be reduced in 2020 only due to the size of the S. Loveland Outfall Phase 3 construction project. Maintenance projects are prioritized and scheduled to remain within the allocation.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	100,000	425,000	438,000	451,000	464,000	2,537,000	4,415,000
1% for the Arts	1,000	4,250	4,380	4,510	4,640	25,370	44,150
Total	101,000	429,250	442,380	455,510	468,640	2,562,370	4,459,150

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Stormwater Fund Balance	101,000	429,250	442,380	455,510	468,640	2,562,370	4,459,150
Total	101,000	429,250	442,380	455,510	468,640	2,562,370	4,459,150

**City of Loveland
Capital Improvement Program**

345-23-283-0000-345 - PW's - TB

REQUEST NAME

SWA - Millennium SW 9th Subdivision Outfall

REQUEST CODE

CIP-345-23-283-0000-20-525

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

SWA - Millennium SW 9th Subdivision Outfall

PROJECT PRIORITY #

1

PROJECT #

20P-345-23-283-0000-19-075

PROJECT AREA

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

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

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	350,000	0	0	0	0	350,000
1% for the Arts	0	3,500	0	0	0	0	3,500
Total	0	353,500	0	0	0	0	353,500

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Stormwater Fund Balance	0	353,500	0	0	0	0	353,500
Total	0	353,500	0	0	0	0	353,500

**City of Loveland
Capital Improvement Program**

345-23-283-0000-345 - PW's - TB

REQUEST NAME

SWA - Silver Lake Improvements (North Phase)

REQUEST CODE

CIP-345-23-283-0000-20-531

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

SWA - Silver Lake Improvements (North Phase)

PROJECT PRIORITY #

1

PROJECT #

20P-345-23-283-0000-19-083

PROJECT AREA

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

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	100,000	100,000
Construction	0	0	0	0	0	540,000	540,000
1% for the Arts	0	0	0	0	0	5,400	5,400
Total	0	0	0	0	0	645,400	645,400

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Stormwater Fund Balance	0	0	0	0	0	645,400	645,400
Total	0	0	0	0	0	645,400	645,400

**City of Loveland
Capital Improvement Program**

345-23-283-0000-345 - PW's - TB

REQUEST NAME

SWA - Silver Lake Improvements (South Phase)

REQUEST CODE

CIP-345-23-283-0000-20-526

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

SWA - Silver Lake Improvements (South Phase)

PROJECT PRIORITY #

1

PROJECT #

20P-345-23-283-0000-19-076

PROJECT AREA

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

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	100,000	0	0	0	0	0	100,000
Construction	0	560,000	0	0	0	0	560,000
1% for the Arts	0	5,600	0	0	0	0	5,600
Total	100,000	565,600	0	0	0	0	665,600

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Stormwater Fund Balance	100,000	565,600	0	0	0	0	665,600
Total	100,000	565,600	0	0	0	0	665,600

**City of Loveland
Capital Improvement Program**

345-23-283-0000-345 - PW's - TB

REQUEST NAME

SWA - South Loveland Outfall (Phase 3)

REQUEST CODE

CIP-345-23-283-0000-20-527

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

SWA - South Loveland Outfall (Phase 3)

PROJECT PRIORITY #

1

PROJECT #

20P-345-23-283-0000-19-077

PROJECT AREA

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

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 through key areas of the subdivision.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	6,810,000	0	0	0	0	0	6,810,000
1% for the Arts	68,100	0	0	0	0	0	68,100
Total	6,878,100	0	0	0	0	0	6,878,100

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Stormwater Fund Balance	6,878,100	0	0	0	0	0	6,878,100
Total	6,878,100	0	0	0	0	0	6,878,100

**City of Loveland
Capital Improvement Program**

345-23-283-0000-345 - PW's - TB

REQUEST NAME

SWA - South Rist Benson Lake Outfall

REQUEST CODE

CIP-345-23-283-0000-20-532

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

SWA - South Rist Benson Lake Outfall

PROJECT PRIORITY #

1

PROJECT #

20P-345-23-283-0000-19-084

PROJECT AREA

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

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

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	240,000	240,000
Total	0	0	0	0	0	240,000	240,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	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's - TB

REQUEST NAME

SWA - Stormwater Quality Retrofits

REQUEST CODE

CIP-345-23-283-0000-20-528

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

SWA - Stormwater Quality Retrofits

PROJECT PRIORITY #

1

PROJECT #

20P-345-23-283-0000-19-078

PROJECT AREA

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

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 - \$135,000 for retrofit projects as it has historically along with funding for the 1% for the Arts.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	100,000	107,000	110,000	113,000	116,000	636,000	1,182,000
1% for the Arts	1,000	1,070	1,100	1,130	1,160	6,360	11,820
Total	101,000	108,070	111,100	114,130	117,160	642,360	1,193,820

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Stormwater Fund Balance	101,000	108,070	111,100	114,130	117,160	642,360	1,193,820
Total	101,000	108,070	111,100	114,130	117,160	642,360	1,193,820

**City of Loveland
Capital Improvement Program**

345-23-283-0000-345 - PW's - TB

REQUEST NAME

SWA - Wilson & Eisenhower Stormwater Improvements

REQUEST CODE

CIP-345-23-283-0000-20-529

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

SWA - Wilson & Eisenhower Stormwater Improvements

PROJECT PRIORITY #

1

PROJECT #

20P-345-23-283-0000-19-079

PROJECT AREA

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

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. The lower end of the outfall system was constructed in 2018 with the Wilson Avenue Flood Mitigation Project. The system will be extended north to the Wilson Avenue and 8th Street intersection in 2019. Design of the rest of the system north of 8th Street is anticipated to begin in 2025 with construction planned for 2027 and 2028.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Engineering	0	0	0	0	0	509,500	509,500
Construction	0	0	0	0	0	5,095,000	5,095,000
1% for the Arts	0	0	0	0	0	50,950	50,950
Total	0	0	0	0	0	5,655,450	5,655,450

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Stormwater Fund Balance	0	0	0	0	0	5,655,450	5,655,450
Total	0	0	0	0	0	5,655,450	5,655,450

**City of Loveland
Capital Improvement Program**

345-23-281-0000-345 - PW's - TB

REQUEST NAME

SWA - New & Replacement Equipment

REQUEST CODE

CIP-345-23-281-0000-20-534

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

SWA - New & Replacement Equipment

PROJECT PRIORITY #

1

PROJECT #

20P-345-23-281-0000-19-086

PROJECT AREA

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

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

	2020	2021	2022	2023	2024	2025-2029	Total
Machinery & Equipment	393,600	367,900	382,500	684,300	807,300	3,302,100	5,937,700
Total	393,600	367,900	382,500	684,300	807,300	3,302,100	5,937,700

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Stormwater Fund Balance	393,600	367,900	382,500	684,300	807,300	3,302,100	5,937,700
Total	393,600	367,900	382,500	684,300	807,300	3,302,100	5,937,700

Operating Budget

Expenses	2020	2021	2022	2023	2024	2025-2029	Total
O & M Ongoing	0	113,000	0	0	0	0	113,000
Total	0	113,000	0	0	0	0	113,000

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2020-2029 Golf Enterprise Capital Program

	2020	2021	2022	2023	2024	Five Year Total	2025	2026	2027	2028	2029	Ten Year Total
Revenue												
Beginning Balance	\$ 3,543,792	\$ 3,200,381	\$ 1,155,099	\$ 1,358,036	\$ 946,506	\$ 3,543,792	\$ 1,670,573	\$ 1,021,077	\$ 1,697,779	\$ 2,972,636	\$ 4,252,663	\$ 3,543,792
A Operating Revenue	4,117,561	4,386,522	4,646,201	4,776,274	5,089,823	23,016,381	5,454,043	5,562,806	5,958,416	6,395,065	6,825,711	\$ 53,212,422 A
Total Revenue	\$ 7,661,353	\$ 7,586,903	\$ 5,801,300	\$ 6,134,310	\$ 6,036,329	\$ 26,560,173	\$ 7,124,616	\$ 6,583,883	\$ 7,656,195	\$ 9,367,701	\$ 11,078,374	\$ 68,370,942
Expenditures												
Capital Projects												
1 GOLF - Cattail Creek Golf Course Projects	-	-	-	757,500	-	757,500	-	-	-	-	-	\$ 757,500 1
2 GOLF - Mariana Butte Golf Course Projects	165,000	-	-	-	-	165,000	-	-	-	-	-	\$ 165,000 2
3 GOLF - Olde Course Clubhouse Replacement	-	2,070,500	-	-	-	2,070,500	-	-	-	-	-	\$ 2,070,500 3
4 GOLF - Olde Course Maintenance Building Replacement	-	-	-	-	-	-	1,514,000	-	-	-	-	\$ 1,514,000 4
Subtotal Capital Projects	\$ 165,000	\$ 2,070,500	\$ -	\$ 757,500	\$ -	\$ 2,993,000	\$ 1,514,000	\$ -	\$ -	\$ -	\$ -	\$ 4,507,000
New & Replacement Equipment												
5 Equipment Replacement	511,856	492,046	486,947	384,970	229,402	2,105,221	360,117	561,520	261,672	593,659	836,454	\$ 4,718,643 5
Subtotal Equipment	\$ 511,856	\$ 492,046	\$ 486,947	\$ 384,970	\$ 229,402	\$ 2,105,221	\$ 360,117	\$ 561,520	\$ 261,672	\$ 593,659	\$ 836,454	\$ 4,718,643
Total Capital Projects & Equipment	\$ 676,856	\$ 2,562,546	\$ 486,947	\$ 1,142,470	\$ 229,402	\$ 5,098,221	\$ 1,874,117	\$ 561,520	\$ 261,672	\$ 593,659	\$ 836,454	\$ 9,225,643
Operating Expense	3,784,116	3,869,258	3,956,317	4,045,334	4,136,354	\$ 19,791,379	4,229,422	4,324,584	4,421,887	4,521,379	4,623,110	\$ 41,911,761
Reserve for Future Capital Projects	\$ 3,200,381	\$ 1,155,099	\$ 1,358,036	\$ 946,506	\$ 1,670,573	\$ 1,670,573	\$ 1,021,077	\$ 1,697,779	\$ 2,972,636	\$ 4,252,663	\$ 5,618,810	\$ 17,233,538

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**City of Loveland
Capital Improvement Program**

51-Parks & Recreation

REQUEST NAME

GOLF - Cattail Creek Golf Course Projects

REQUEST CODE

CIP-51-20-873

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

CATTAIL CREEK PROJECTS

PROJECT PRIORITY #

1

PROJECT #

PKGCCREEK

PROJECT AREA

NA

PROJECT DESCRIPTION / NECESSITY



The irrigation system at Cattail Creek golf course is 30 years old and failing at each joint. The piping in the irrigation system has also reached the end of its life span. Daily leaks require large amounts of labor and parts to repair and could impact play at the course. In the near future we will need to replace the entire irrigation system.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	0	0	750,000	0	0	750,000
1% for the Arts	0	0	0	7,500	0	0	7,500
Total	0	0	0	757,500	0	0	757,500

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	0	0	0	757,500	0	0	757,500
Total	0	0	0	757,500	0	0	757,500

**City of Loveland
Capital Improvement Program**

51-Parks & Recreation

REQUEST NAME

GOLF - Mariana Butte Golf Course Projects

REQUEST CODE

CIP-51-20-504

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Golf - Mariana Butte Golf Course Projects

PROJECT PRIORITY #

1

PROJECT #

20P-51-19-102

PROJECT AREA

CIP-51-19-102

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

	2020	2021	2022	2023	2024	2025-2029	Total
Other Capital	150,000	0	0	0	0	0	150,000
Design/Architect	15,000	0	0	0	0	0	15,000
Total	165,000	0	0	0	0	0	165,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	165,000	0	0	0	0	0	165,000
Total	165,000	0	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-51-20-505

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Golf - Olde Course Clubhouse Replacement

PROJECT PRIORITY #

1

PROJECT #

20P-51-19-232

PROJECT AREA

CIP-51-19-232

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

	2020	2021	2022	2023	2024	2025-2029	Total
Construction	0	2,050,000	0	0	0	0	2,050,000
1% for the Arts	0	20,500	0	0	0	0	20,500
Total	0	2,070,500	0	0	0	0	2,070,500

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	0	2,070,500	0	0	0	0	2,070,500
Total	0	2,070,500	0	0	0	0	2,070,500

**City of Loveland
Capital Improvement Program**

51-Parks & Recreation

REQUEST NAME

GOLF-Olde Course Maintenance Building Replacement

REQUEST CODE

CIP-51-20-874

REQUEST TYPE

Capital Improvement Program

Start Date

1/1/2020

PROJECT NAME

Olde Course Maintenance Building Replacement

PROJECT PRIORITY #

1

PROJECT #

PKCOGMNT

PROJECT AREA

No Project

PROJECT DESCRIPTION / NECESSITY



The Olde Course maintenance building is at the end of its life cycle and offers a hazardous workplace. The three story building will be replaced with a one story structure with additional cold storage.

Capital Items

	2020	2021	2022	2023	2024	2025-2029	Total
Design/Architect	0	0	0	0	0	100,000	100,000
Construction	0	0	0	0	0	1,400,000	1,400,000
1% for the Arts	0	0	0	0	0	14,000	14,000
Total	0	0	0	0	0	1,514,000	1,514,000

Funding Sources

	2020	2021	2022	2023	2024	2025-2029	Total
Fund Balance	0	0	0	0	0	1,514,000	1,514,000
Total	0	0	0	0	0	1,514,000	1,514,000

2020-2029 Capital Improvement Program Horizon Projects List

Indicates project on Community Improvement Program list

This is a summary list of unfunded projects not included in the 2020-2029 Capital Improvement Program (CIP). These projects have been identified as capital needs, however, are not affordable under current 10-year revenue forecasts. Projects are listed by Plan Type and service area and are not listed in priority order. Cost Estimates include all funding sources (internal and external to the City).

#	Project	Total Estimated Cost	Funding Sources			Remaining Unfunded Amount
			City Resources	Outside Revenue	Total Available Funds	
Traditionally Funded						
Corridor Planning		\$ 46,538,450	\$ -	\$ -	\$ -	\$ 46,538,450
1	CORD - 37th Street Completion	10,000,000	-	-	-	10,000,000
2	CORD - East and West Connections	10,000,000	-	-	-	10,000,000
3	CORD - Dry Creek Enhancements - Pedestrian Underpass and Trail Connections	7,500,000	-	-	-	7,500,000
4	CORD - Zone 3 Curve Improvements	5,000,000	-	-	-	5,000,000
5	CORD - North US 287 (37th to Orchards) Multi-Modal	3,327,000	-	-	-	3,327,000
6	CORD - River District	3,275,000	-	-	-	3,275,000
7	CORD - Dry Creek Culvert Enhancements	1,500,000	-	-	-	1,500,000
8	CORD - 29th & Garfield Plan	1,015,800	-	-	-	1,015,800
9	CORD - Transit Access Improvements	1,005,600	-	-	-	1,005,600
10	CORD - Couplet Area Improvements	1,000,000	-	-	-	1,000,000
11	CORD - Couplet Area	754,000	-	-	-	754,000
12	CORD - Gateway Enhancements	659,550	-	-	-	659,550
13	CORD - Bike/Ped Amenities & Study	250,000	-	-	-	250,000
14	CORD - Southern Gateway Enhancements	250,000	-	-	-	250,000
15	CORD - West 34 Corridor Plan	250,000	-	-	-	250,000
16	CORD - Hwy 34 and US 287 Integration Minor Improvements (287 Strategic Plan Implementation)	201,500	-	-	-	201,500
17	CORD - Transit Oriented Development Plan	175,000	-	-	-	175,000
18	CORD - Annexation Study	150,000	-	-	-	150,000
19	CORD - Orchards Loveland Marketplace and Palmer Gardens Area plan	150,000	-	-	-	150,000
20	CORD - North US 287 Longview-Midway Economic Development Plan	75,000	-	-	-	75,000
Cultural Services		\$ 22,000,000	\$ 4,877,711	\$ -	\$ 4,877,711	\$ 17,122,289
21	CUL - Museum Expansion	22,000,000	4,877,711	-	4,877,711	17,122,289
Development Services		\$ 750,000	\$ -	\$ -	\$ -	\$ 750,000
22	DS - Development Services Planning and Building Permit Billing System	750,000	-	-	-	750,000
Facilities		\$ 16,201,750	\$ -	\$ -	\$ -	\$ 16,201,750
25	FAC - Additional Administration Building	6,565,000	-	-	-	6,565,000
26	FAC - Police & Courts Expansion	3,280,000	-	-	-	3,280,000
27	FAC - North Transit Center	3,000,000	-	-	-	3,000,000
28	FAC - Ice Slicer Storage Purchase	1,600,000	-	-	-	1,600,000
29	FAC - Public Works Heated Storage	959,000	-	-	-	959,000
30	FAC - Municipal Operations Center Cold Storage	429,250	-	-	-	429,250
31	FAC - Police Patrol Unit Covered Parking	368,500	-	-	-	368,500
Loveland Fire Rescue Authority		\$ 15,005,066	\$ -	\$ -	\$ -	\$ 15,005,066
32	LFRA - Fire Station 3 Replacement	6,000,000	-	-	-	6,000,000
33	LFRA - Fire Station 10 (New - East/SE Loveland)	5,305,066	-	-	-	5,305,066
34	LFRA - Fire Station 5 Replacement	3,700,000	-	-	-	3,700,000
Library		\$ 22,962,600	\$ 4,440,000	\$ -	\$ 4,440,000	\$ 18,522,600
35	LIB - New Branch Library	22,700,000	4,440,000	-	4,440,000	18,260,000
36	LIB - Customer Service Redesign	262,600	-	-	-	262,600
Parks & Recreation		\$ 89,372,070	\$ 21,050,932	\$ -	\$ 21,050,932	\$ 68,321,138
37	P&R - New Recreation Center	55,000,000	21,050,932	-	21,050,932	33,949,068
38	P&R - Rec Trail Underpasses	19,000,000	-	-	-	19,000,000
39	P&R - Community Park	13,500,000	-	-	-	13,500,000
40	P&R - North Lake Park Infrastructure Improvements	1,168,570	-	-	-	1,168,570
41	P&R - Civic Center Landscape Improvements	403,500	-	-	-	403,500
42	P&R - Chilson Entrance Renovation	300,000	-	-	-	300,000
Transportation¹		\$ 112,200,507	\$ 18,729,456	\$ -	\$ 18,729,456	\$ 93,471,051
43	TRANS - HWY 402 Floodplain Raising (No scope yet, \$40 mil)	40,000,000	-	-	-	40,000,000
44	TRANS - US 34 Widening	30,000,000	6,000,000	-	6,000,000	24,000,000
45	TRANS - HWY 287 Bridge Replacement over the Big Thompson	15,000,000	-	-	-	15,000,000
46	TRANS - Taft Avenue - 28th St. SW to 14th St. SW Widening	9,134,477	7,107,056	-	7,107,056	2,027,421
47	TRANS - US 34 @ Lincoln/Cleveland - Major Intersection	7,028,000	5,622,400	-	5,622,400	1,405,600
48	TRANS - Annual Downtown Sidewalks (\$576,535 per year for 10 years)	5,765,530	-	-	-	5,765,530
49	TRANS - Cleveland Avenue Traffic Calming	5,272,500	-	-	-	5,272,500
50	TRANS - Boise Avenue Bridge Replacement over the Big Thompson River	5,000,000	-	-	-	5,000,000
51	TRANS - CR 9E Bridge Replacement over the Big Thompson River	5,000,000	-	-	-	5,000,000
52	TRANS - St. Louis Avenue Bridge Replacement over the Big Thompson River	5,000,000	-	-	-	5,000,000
53	TRANS - Taft Avenue Bridge Replacement over Big Thompson River	4,036,000	-	-	-	4,036,000
54	TRANS - Traffic Signal Maintenance (\$200K first year, then \$300K per year after)	2,900,000	-	-	-	2,900,000
55	TRANS - Boise Avenue Improvements - Mt. Columbia to 37th	2,318,000	1,840,000	-	1,840,000	478,000
56	TRANS - Improvements to HWY 287/37th St. Intersection	1,000,000	800,000	-	800,000	200,000
57	TRANS - CR 30 (71st Street) Improvements - Boyd Lake W. I-25 Frontage Rd (#16) - Design Only	450,000	-	-	-	450,000
58	TRANS - Biannual Flasher Units	150,000	120,000	-	120,000	30,000
59	TRANS - Wilson Avenue and 50th St. Signal	150,000	120,000	-	120,000	30,000

#	Project	Total Estimated Cost	Funding Sources			Remaining Unfunded Amount
			City Resources	Outside Revenue	Total Available Funds	
Subtotal Traditionally Funded		\$ 325,030,443	\$ 49,098,099	\$ -	\$ 49,098,099	\$ 275,932,344
Enterprise Funded						
Golf		\$ 1,500,000	\$ -	\$ -	\$ -	\$ 1,500,000
60	GOLF - Olde Course Maintenance Building	1,500,000	-	-	-	1,500,000
Stormwater		\$ 18,220,000	\$ -	\$ 6,180,500	\$ 6,180,500	\$ 12,039,500
61	SWA - Highway 287 Flood Mitigation Project (From Big Thompson River Corridor Master Plan)	16,900,000	-	6,180,500	6,180,500	10,719,500
62	SWA - Big Thompson River/Mariano Exchange Ditch Water Quality Improvements	670,000	-	-	-	670,000
63	SWA - Big Thompson River Maintenance and Management Program	650,000	-	-	-	650,000
Subtotal Enterprise Funded		\$ 19,720,000	\$ -	\$ 6,180,500	\$ 6,180,500	\$ 13,539,500
Total Horizon Projects List		\$ 344,750,443	\$ 49,098,099	\$ 6,180,500	\$ 55,278,599	\$ 289,471,844