

MEMORANDUM



TO: MEMBERS OF THE PLANNING COMMISSION
FROM: VICTOR CARDENAS, ASSISTANT CITY MANAGER
SUBJECT: 2021-2027 CAPITAL IMPROVEMENT PLAN
DATE: FEBRUARY 18, 2021

Each year, the City of Novi, as part of the annual budget process, prepares a Capital Improvement Program (CIP). The document serves as a guidepost for major capital expenditures for the next six years. The process that the City follows is in accordance with the provisions stipulated in the Michigan Planning Enabling Act.

In its fifth year of existence, the plan/document can be found in its digital form on the [City's website](#). The site acts just like any other website and **cannot** be "downloaded" as a PDF to your respective iPads. Accompanying this correspondence, along with the interactive website, is the Proposed Capital Improvement Program (CIP) 2021-2027 summary that has always been a part of previous versions of the plan. The plan was approved by the joint CIP Committee (which includes members of the City Council and the Planning Commission) at their January 20, 2021, meeting. The CIP is being presented to the Planning Commission for a public hearing, consideration, and adoption at its February 24, 2021, meeting.

If you have any questions or need assistance accessing the digital version of the CIP, please let me know.

FY 2021-22 BUDGET: Capital Improvement Program
<https://arcg.is/0Xby0W0>

ID#	Project Name	CIP Category	GL Fund #	FY 2021-22 YR 1	FY 2022-23 YR 2	FY 2023-24 YR 3	FY 2024-25 YR 4	FY 2025-26 YR 5	FY 2026-27 YR 6	Total Budget CIP
1	102-01 Neighborhood Roads Rehabilitation, Repaving, and Reconstruction Program	Roads	LOCAL STREET FUND 203	\$ 3,100,000	\$ 3,000,000	\$ 3,200,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 16,800,000
2	ENG066 Cranbrooke Drive Reconstruction (9 Mile Road to Village Wood Road) net of design	Roads	LOCAL STREET FUND 203	\$ 2,191,460	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,191,460
			DRAIN FUND 210	\$ 283,580	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 283,580
3	ENG060 10 Mile Road Rehabilitation and Operational Enhancements (Meadowbrook Road to Haggerty Road) RCOC; city share costs only - reimbursement October 2023 \$3.6M; City utilizing interfund borrowing to advance fund project; net of design see 085-81	Roads	MUNICIPAL STREET FUND 204	\$ 495,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 495,000
4	162-01 12 Mile Road Widening (Beck Road to Cabaret Drive) RCOC; City Share unknown (\$300,000 ROW in FY 2021-22; construction TBD)	Roads	MUNICIPAL STREET FUND 204	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
5	ENG057 Novi Road Rehabilitation (9 Mile Road to 10 Mile Road) RCOC; city share costs only	Roads	MUNICIPAL STREET FUND 204	\$ 212,430	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 212,430
6	ENG058 Wixom Road Rehabilitation & Left Turn Lane Addition (10 Mile Road to City Limits) secured outside funding FAC \$1,294,020; net of city share costs	Roads	MAJOR STREET FUND 202	\$ 84,390	\$ 514,510	\$ -	\$ -	\$ -	\$ -	\$ 598,900
7	ENG059 Taft Road Rehabilitation (City Limits to 10 Mile Road) secured FAC funding \$910,080; net of City share costs	Roads	MAJOR STREET FUND 202	\$ 73,660	\$ 369,850	\$ -	\$ -	\$ -	\$ -	\$ 443,510
8	ENG067a GLWA 14 Mile Water Main Transmission Redundancy Route Project - ROAD PORTION (Road Restoration along 11 Mile, Meadowbrook, and 13 Mile Roads) net of design; city share costs only SEE ENG067b	Roads	MAJOR STREET FUND 202	\$ -	\$ 3,178,664	\$ -	\$ -	\$ -	\$ -	\$ 3,178,664
9	082-30 11 Mile Road Rehabilitation (Beck Road to Taft Road) net of design	Roads	MAJOR STREET FUND 202	\$ -	\$ 2,083,630	\$ -	\$ -	\$ -	\$ -	\$ 2,083,630
10	ENG008 Lee BeGole Drive Reconstruction (11 Mile Road to Terminus) net of design	Roads	MAJOR STREET FUND 202	\$ -	\$ 1,098,620	\$ -	\$ -	\$ -	\$ -	\$ 1,098,620
11	ENG011 Novi Road Rehabilitation (13 Mile Road to 14 Mile Road)	Roads	MAJOR STREET FUND 202	\$ -	\$ -	\$ 2,601,829	\$ -	\$ -	\$ -	\$ 2,601,829
12	ENG013 Meadowbrook Road Reconstruction (Grand River Avenue to 11 Mile Road)	Roads	MAJOR STREET FUND 202	\$ -	\$ -	\$ 936,830	\$ -	\$ -	\$ -	\$ 936,830
13	ENG010 Meadowbrook Road Rehabilitation (Cherry Hill Road to Grand River Avenue)	Roads	MAJOR STREET FUND 202	\$ -	\$ -	\$ 623,500	\$ -	\$ -	\$ -	\$ 623,500
14	132-28 West Park Drive Rehabilitation (West Road to Pontiac Trail)	Roads	MAJOR STREET FUND 202	\$ -	\$ -	\$ -	\$ 2,508,140	\$ -	\$ -	\$ 2,508,140
15	132-27 11 Mile Road Rehabilitation (Taft Road to Clark Street) net of design	Roads	MAJOR STREET FUND 202	\$ -	\$ -	\$ -	\$ 1,325,800	\$ -	\$ -	\$ 1,325,800
16	132-26 11 Mile Road Rehabilitation (Wixom Road to Beck Road) net of design	Roads	MAJOR STREET FUND 202	\$ -	\$ -	\$ -	\$ -	\$ 1,558,110	\$ -	\$ 1,558,110

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17	ENG016 13 Mile Road Rehabilitation (M-5 to Haggerty)	Roads	MAJOR STREET FUND 202	\$ -	\$ -	\$ -	\$ -	\$ 1,423,510	\$ -	\$ 1,423,510
18	102-04 Old Novi Road Rehabilitation (Novi Road to 13 Mile Road)	Roads	MAJOR STREET FUND 202	\$ -	\$ -	\$ -	\$ -	\$ 830,690	\$ -	\$ 830,690
19	ENG037 13 Mile Road Rehabilitation (Old Novi Road to Novi Road)	Roads	MAJOR STREET FUND 202	\$ -	\$ -	\$ -	\$ -	\$ 788,620	\$ -	\$ 788,620
20	162-06 Beck Road Widening (10 Mile Road to 11 Mile Road); includes signal modernizations pursue outside funding	Roads	MAJOR STREET FUND 202	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,453,620	\$ 10,453,620
21	162-03 Beck Road Widening (9 Mile Road to 10 Mile Road); includes signal modernizations pursue outside funding	Roads	MAJOR STREET FUND 202	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,044,160	\$ 10,044,160
22	132-25 Beck Road Widening (8 Mile Road to 9 Mile Road); includes signal modernizations pursue outside funding	Roads	MAJOR STREET FUND 202	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,806,080	\$ 9,806,080
23	162-07 Beck Road Widening (11 Mile Road to Providence Drive/Central Park Boulevard) pursue outside funding	Roads	MAJOR STREET FUND 202	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,935,970	\$ 5,935,970
24	ENG038 Flint/Bond Street Realignment & Reconstruction - Phase 2 (Terminus to Grand River Avenue); aka Southwest Quadrant Ring Road net of design	Roads	LOCAL STREET FUND 203	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 890,970	\$ 890,970
25	ENG042 Roundabout (Taft Road and 9 Mile Road) secured HSIP Grant \$600K	Intersections & Signals	MAJOR STREET FUND 202	\$ -	\$ 71,840	\$ 506,150	\$ -	\$ -	\$ -	\$ 577,990
26	ENG068 Neighborhood Sidewalk Repair Program	Sidewalks & Pathways	MUNICIPAL STREET FUND 204	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,200,000
			TREE FUND 209	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,200,000
27	085-81 Segment 80B, 81A, & 81B -- 10 Mile Road (South Side; Meadowbrook Road to Haggerty Road) - 8' Pathway net of design partially funded by RCOC see ENG060	Sidewalks & Pathways	MUNICIPAL STREET FUND 204	\$ 1,210,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,210,000
28	ENG061 Segment 49 -- 10 Mile Road (North side, West of Wixom Road) - 10' Boardwalk and 6' Sidewalk	Sidewalks & Pathways	MUNICIPAL STREET FUND 204	\$ -	\$ -	\$ 178,480	\$ -	\$ -	\$ -	\$ 178,480
29	ENG069 Segment 4040 (Off-road paved) -- Meadowbrook Road (Village Wood Lake Park to Chattman Drive) - 5' sidewalk & 8' pathway along with boardwalk over wetlands potential grant funding	Sidewalks & Pathways	MUNICIPAL STREET FUND 204	\$ -	\$ -	\$ -	\$ -	\$ 359,300	\$ -	\$ 359,300
30	ENG070 Segment 101c, 102, 104b -- Napier Road (East side; ITC Community Sports Park entrance drive to Villa Barr Art Park) - 8' Pathway potential grant funding	Sidewalks & Pathways	MUNICIPAL STREET FUND 204	\$ -	\$ -	\$ -	\$ -	\$ 263,810	\$ -	\$ 263,810
31	ENG063 Segment 178 -- 12 Mile Road (South side; East of Albert Street) - 6' Sidewalk	Sidewalks & Pathways	MUNICIPAL STREET FUND 204	\$ -	\$ -	\$ -	\$ -	\$ 136,320	\$ -	\$ 136,320
32	ENG062 Segment 45 -- 12 Mile Road (South side, Northwest Neighborhood Park) - 6' Sidewalk	Sidewalks & Pathways	MUNICIPAL STREET FUND 204	\$ -	\$ -	\$ -	\$ -	\$ 93,750	\$ -	\$ 93,750

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33	133-08 Streambank Stabilization - Middle Rouge River (near Meadowbrook Lake)	Storm Sewer & Drainage	DRAIN FUND 210	\$ 1,469,656	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,469,656
34	093-10 Streambank Stabilization - Middle Rouge River (along Rotary Park)	Storm Sewer & Drainage	DRAIN FUND 210	\$ -	\$ 582,092	\$ -	\$ -	\$ -	\$ -	\$ 582,092
35	ENG034 Basin Repairs - Orchard Hill Place	Storm Sewer & Drainage	DRAIN FUND 210	\$ -	\$ -	\$ 276,771	\$ -	\$ -	\$ -	\$ 276,771
36	ENG051 Basin Cleanout - Leavenworth Regional (south of Grand River Avenue; east of Taff Road)	Storm Sewer & Drainage	DRAIN FUND 210	\$ -	\$ -	\$ 108,929	\$ -	\$ -	\$ -	\$ 108,929
37	ENG071 Streambank Stabilization - Middle Rouge (between Novi Road and Ten Mile Road)	Storm Sewer & Drainage	DRAIN FUND 210	\$ -	\$ -	\$ -	\$ 1,578,110	\$ -	\$ -	\$ 1,578,110
38	ENG050 Basin Cleanout - Bishop Creek Regional (north of Grand River Avenue; west of Meadowbrook Road)	Storm Sewer & Drainage	DRAIN FUND 210	\$ -	\$ -	\$ -	\$ -	\$ 1,344,520	\$ -	\$ 1,344,520
39	153-02 Storm Drainage Improvement Pilot Project (Section 25)	Storm Sewer & Drainage	DRAIN FUND 210	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 750,000	\$ 1,500,000
40	WTS037 WTS012&WTS013 Sanitary Sewer Capacity Upgrades - Lanny's Influent & Drakes Bay Effluent net of design	Sanitary Sewer	WATER AND SEWER FUND 592	\$ 911,329	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 911,329
41	WTS026 Sanitary Sewer Force Main Replacement - Hilton Station	Sanitary Sewer	WATER AND SEWER FUND 592	\$ 693,621	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 693,621
42	WTS038 Sanitary Sewer Pipe and Manhole Rehab - Phase 2	Sanitary Sewer	WATER AND SEWER FUND 592	\$ -	\$ 1,167,883	\$ -	\$ -	\$ -	\$ -	\$ 1,167,883
43	WTS027 Sanitary Sewer Rehabilitation - Meadowbrook Glens Subdivision	Sanitary Sewer	WATER AND SEWER FUND 592	\$ -	\$ -	\$ 704,450	\$ -	\$ -	\$ -	\$ 704,450
44	WTS022 Rouge Valley Sanitary Disposal System Improvements (Long-Term Corrective Action Plan (LTCAP)) Wayne County	Sanitary Sewer	WATER AND SEWER FUND 592	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,100,000	\$ 2,100,000
45	WTS039 PCCP Water Main Repairs	Water Distribution	WATER AND SEWER FUND 592	\$ 942,820	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 942,820
46	WTS030 Water Main Replacement - Westminister Subdivision	Water Distribution	WATER AND SEWER FUND 592	\$ 933,380	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 933,380
47	WTS040 Asbestos-Cement (AC) Water Main Replacement along 10 Mile Road (Meadowbrook Road to Haggerty Road)	Water Distribution	WATER AND SEWER FUND 592	\$ 680,630	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 680,630
48	ENG067b GLWA 14 Mile Water Main Transmission Redundancy Route Project - WATER MAIN PORTION (12" water main along 11 Mile Road from Seeley to Meadowbrook) net of design; city share costs only SEE ENG067a	Water Distribution	WATER AND SEWER FUND 592	\$ -	\$ 816,723	\$ -	\$ -	\$ -	\$ -	\$ 816,723
49	091-11 Master Meter and Water Main (Future NV-06 Connection) budgeting gross expense; not sure of timing of development	Water Distribution	WATER AND SEWER FUND 592	\$ -	\$ -	\$ 2,780,260	\$ -	\$ -	\$ -	\$ 2,780,260

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50	WTS036 Asbestos-Cement (AC) Water Main Replacement	Water Distribution	WATER AND SEWER FUND 592	\$ -	\$ -	\$ -	\$ 2,965,940	\$ 3,000,000	\$ -	\$ 5,965,940
51	WTS017 Water Main Loop Connection - Beck Road (Dunhill subdivision to Casa Loma subdivision)	Water Distribution	WATER AND SEWER FUND 592	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,407,520	\$ 1,407,520
52	PRC039 Ella Mae Power Park South Playground Replacement (removal of existing play structure anticipated to be completed in-house; increased original budget \$50,000 as placeholder)	Parks, Recreation, & Cultural Services	PARKS, RECREATION & CULTURAL SERVICES FUND 208	\$ 147,970	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 147,970
53	PRC019 (1)ITC CSP Update (Soccer Fields)	Parks, Recreation, & Cultural Services	CAPITAL IMPROVEMENT PROGRAM (CIP) FUND 400	\$ -	\$ 1,663,420	\$ -	\$ -	\$ -	\$ -	\$ 1,663,420
	PRC024 (2)ITC CSP Field Improvements - dugout covers, shade structures, and tables (Baseball Diamonds)			\$ -	\$ 469,390	\$ -	\$ -	\$ -	\$ -	\$ 469,390
	LOT014 (3)Parking Lot Improvements - ITC Community Sports Park			\$ -	\$ 1,850,060	\$ -	\$ -	\$ -	\$ -	\$ 1,850,060
	PRC046 (4)ITC CSP Baseball Access Road			\$ -	\$ 38,100	\$ -	\$ -	\$ -	\$ -	\$ 38,100
54	PRC028b Novi Northwest Park Construction (playground)	Parks, Recreation, & Cultural Services	PARKS, RECREATION & CULTURAL SERVICES FUND 208	\$ -	\$ 136,590	\$ -	\$ -	\$ -	\$ -	\$ 136,590
55	PRC028a Novi Northwest Park Construction (6' aggregate trails) net amt - possible \$50,000 grant	Parks, Recreation, & Cultural Services	PARKS, RECREATION & CULTURAL SERVICES FUND 208	\$ -	\$ 117,960	\$ -	\$ -	\$ -	\$ -	\$ 117,960
56	ENG052 Cemetery Enhancement Project - pathway (5' stone pathway around the southern loop of the cemetery)	Parks, Recreation, & Cultural Services	PARKS, RECREATION & CULTURAL SERVICES FUND 208	\$ -	\$ -	\$ 72,250	\$ -	\$ -	\$ -	\$ 72,250
57	LOT015 Parking Lot and Sidewalk Improvements - Rotary Park (parking lot maintenance to the existing facility and new concrete sidewalk connecting the existing parking lot to the pavilion located north of the tennis courts)	Parks, Recreation, & Cultural Services	PARKS, RECREATION & CULTURAL SERVICES FUND 208	\$ -	\$ -	\$ 69,360	\$ -	\$ -	\$ -	\$ 69,360

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58	PRC045 Theatre Upgrade (Lighting & Stage Curtain)	Parks, Recreation, & Cultural Services	PARKS, RECREATION & CULTURAL SERVICES FUND 208	\$ -	\$ -	\$ -	\$ 116,120	\$ -	\$ -	\$ 116,120
59	PRC028c Novi Northwest Park Construction (asphalt parking lot)	Parks, Recreation, & Cultural Services	PARKS, RECREATION & CULTURAL SERVICES FUND 208	\$ -	\$ -	\$ -	\$ -	\$ 231,440	\$ -	\$ 231,440
60	ENG065 ITC Trail / Bosco Fields Connector --14' Boardwalk & 10' Sidewalk (applying for 50% TAP Grant FY 2021-22)	Parks, Recreation, & Cultural Services	PARKS, RECREATION & CULTURAL SERVICES FUND 208	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,172,680	\$ 1,172,680
61	ENG053 ITC Trailhead Park Trail Expansion (nature trail connecting the Park Place subdivision to the existing ITC Corridor Trail)	Parks, Recreation, & Cultural Services	PARKS, RECREATION & CULTURAL SERVICES FUND 208	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 968,650	\$ 968,650
62	PRC043 City Splash Pad (TBD Location/Size/Design)	Parks, Recreation, & Cultural Services	PARKS, RECREATION & CULTURAL SERVICES FUND 208	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 597,020	\$ 597,020
63	ENG005 ITC Pathway Extension - Napier Road Connector (North of 8 Mile Road east of Napier Road)	Parks, Recreation, & Cultural Services	PARKS, RECREATION & CULTURAL SERVICES FUND 208	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 256,110	\$ 256,110
64	PRC023 Village Wood Lake Park Improvements (shade shelter, picnic tables & benches, and two overlook decks)	Parks, Recreation, & Cultural Services	PARKS, RECREATION & CULTURAL SERVICES FUND 208	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 196,530	\$ 196,530
65	PRC042 ITC Trailhead Park Outdoor Exercise Station	Parks, Recreation, & Cultural Services	PARKS, RECREATION & CULTURAL SERVICES FUND 208	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 61,490	\$ 61,490
66	ICE016 Parking Lot Improvements - Ice Arena	Parking Lots	ICE ARENA FUND 590	\$ -	\$ -	\$ -	\$ -	\$ 622,020	\$ -	\$ 622,020
67	ENG064 Parking Lot Improvements - Police Headquarters (East Lot)	Parking Lots	GENERAL FUND 101	\$ -	\$ -	\$ -	\$ -	\$ 522,660	\$ -	\$ 522,660
68	SNR009 Roof Replacement (Main Building & Senior Center) - Meadowbrook Commons	Buildings & Property	SENIOR HOUSING FUND 594	\$ 278,430	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 278,430
69	FAC015 Roof Replacement - Fire Station #2	Buildings & Property	GENERAL FUND 101	\$ 82,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 82,400
70	FAC013 Irrigation System Replacement - Civic Center	Buildings & Property	GENERAL FUND 101	\$ 66,960	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 66,960
71	FAC014 Roof Replacement - Fire Station #3	Buildings & Property	GENERAL FUND 101	\$ 61,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 61,800

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72	SNR011	Roof Replacement (5 of 9 ranch buildings) - Meadowbrook Commons	Buildings & Property	SENIOR HOUSING FUND 594	\$ -	\$ 273,180	\$ -	\$ -	\$ -	\$ -	\$ 273,180
73	FAC016	Roof Replacement - Fire Station #4	Buildings & Property	GENERAL FUND 101	\$ -	\$ 175,050	\$ -	\$ -	\$ -	\$ -	\$ 175,050
74	FAC025	Restroom Upgrade (4 restrooms City Hall side) - Civic Center	Buildings & Property	GENERAL FUND 101	\$ -	\$ 116,820	\$ -	\$ -	\$ -	\$ -	\$ 116,820
75	SNR012	Fire Panel Replacement - Meadowbrook Commons	Buildings & Property	SENIOR HOUSING FUND 594	\$ -	\$ 108,780	\$ -	\$ -	\$ -	\$ -	\$ 108,780
76	FLD043	Material Storage at DPW (General Fund portion 75%; Water & Sewer Fund portion 25%)	Buildings & Property	GENERAL FUND 101	\$ -	\$ 101,129	\$ -	\$ -	\$ -	\$ -	\$ 101,129
			Buildings & Property	WATER AND SEWER FUND 592	\$ -	\$ 33,710	\$ -	\$ -	\$ -	\$ -	\$ 33,710
77	FAC027	LED Lighting Upgrade (approx. 400 fixtures) - Civic Center	Buildings & Property	GENERAL FUND 101	\$ -	\$ 66,000	\$ -	\$ -	\$ -	\$ -	\$ 66,000
78	FAC026	Carpet Replacement (Parks, Treasury, OAS, & City Clerk) - Civic Center partially moved up to FY 2020-21: parks \$5,000; treasury \$5,000; \$17,000 for Concession stand and restroom epoxy floor upgrades @ Ella Mae Power Park	Buildings & Property	GENERAL FUND 101	\$ -	\$ 34,330	\$ -	\$ -	\$ -	\$ -	\$ 34,330
79	SNR013	Roof Replacement (4 of 9 ranch buildings) - Meadowbrook Commons	Buildings & Property	SENIOR HOUSING FUND 594	\$ -	\$ -	\$ 236,350	\$ -	\$ -	\$ -	\$ 236,350
80	FAC020	Boilers Replacement (2) - Police Station	Buildings & Property	GENERAL FUND 101	\$ -	\$ -	\$ 232,650	\$ -	\$ -	\$ -	\$ 232,650
81	ICE004	Dehumidification Unit Replacement (replace 1998 Munters #AM30) - Ice Arena	Buildings & Property	ICE ARENA FUND 590	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
82	FAC024	Police Records Renovation	Buildings & Property	GENERAL FUND 101	\$ -	\$ -	\$ 103,360	\$ -	\$ -	\$ -	\$ 103,360
83	FAC028	LED Lighting Upgrade (approx. 400 fixtures) - Police Station	Buildings & Property	GENERAL FUND 101	\$ -	\$ -	\$ 66,000	\$ -	\$ -	\$ -	\$ 66,000
84	FAC036	City Clerk Department Renovation (possible inclusion of HR and Studio 6/Comm Rel) PLACEHOLDER	Buildings & Property	GENERAL FUND 101	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000
85	FAC029	Generator & Generator Technology Solution (GenTracker) - Fire Station #5	Buildings & Property	GENERAL FUND 101	\$ -	\$ -	\$ 30,650	\$ -	\$ -	\$ -	\$ 30,650
86	FAC030	Solar Panel Installation - DPW	Buildings & Property	GENERAL FUND 101	\$ -	\$ -	\$ -	\$ 194,590	\$ -	\$ -	\$ 194,590
87	ICE021	Elevator Machine Room Equipment & Controller/Dispatcher Replacements Ice Arena	Buildings & Property	ICE ARENA FUND 590	\$ -	\$ -	\$ -	\$ 105,000	\$ -	\$ -	\$ 105,000
88	FAC031	LED Lighting Upgrade (approx. 350 fixtures) - FS# 2, 3, 4	Buildings & Property	GENERAL FUND 101	\$ -	\$ -	\$ -	\$ 57,750	\$ -	\$ -	\$ 57,750
89	ICE017	Roof Top Unit Replacements (1 air handler & 3 duct furnaces) - Ice Arena	Buildings & Property	ICE ARENA FUND 590	\$ -	\$ -	\$ -	\$ 39,500	\$ -	\$ -	\$ 39,500
90	FAC032	Solar Panel Installation - Civic Center	Buildings & Property	GENERAL FUND 101	\$ -	\$ -	\$ -	\$ -	\$ 145,660	\$ -	\$ 145,660
91	ICE015	Shell and Tube Chiller Replacement - Ice Arena	Buildings & Property	ICE ARENA FUND 590	\$ -	\$ -	\$ -	\$ -	\$ 120,500	\$ -	\$ 120,500
92	WTS031	Generator Replacement - Hudson Pump Station	Buildings & Property	WATER AND SEWER FUND 592	\$ -	\$ -	\$ -	\$ -	\$ 58,530	\$ -	\$ 58,530
93	FIR014	Fire Station #3 Renovation (\$5,000 for construction analysis in FY ???-??)	Buildings & Property	GENERAL FUND 101	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,460	\$ 500,460
94	FAC033	Solar Panel Installation - Police Station	Buildings & Property	GENERAL FUND 101	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 151,490	\$ 151,490

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95	FIR017 Engine (replace #342; 2005 Seagrave)	Machinery & Equipment	CAPITAL IMPROVEMENT PROGRAM (CIP) FUND 400	\$ 890,004	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 890,004
96	FLT013 Sewer Vacuum Truck (replace #726; 2013 International Combination Vactor Truck)	Machinery & Equipment	WATER AND SEWER FUND 592	\$ 459,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 459,440
97	FLD037 Backhoe (replaces #625; 2007 Case)	Machinery & Equipment	DRAIN FUND 210	\$ 144,194	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 144,194
98	FLT014 Toolcat Utility Work Machine (new)	Machinery & Equipment	GENERAL FUND 101	\$ 94,124	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 94,124
99	FLD036 Hi-Lo Lift Truck (replaces #627; 1999 Alta)	Machinery & Equipment	GENERAL FUND 101	\$ 69,914	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 69,914
100	FLD028 1-Ton Dump Truck w/Front Plow (Replaces #691; 2001 Ford)	Machinery & Equipment	GENERAL FUND 101	\$ 67,952	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 67,952
101	FLT015 Ventrac Mower (replace #936; 2001 John Deere)	Machinery & Equipment	GENERAL FUND 101	\$ 46,280	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 46,280
102	FPM004 Mini Skid Steer	Machinery & Equipment	GENERAL FUND 101	\$ 35,370	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,370
103	FLT016 Crash Attenuator Trailer (new)	Machinery & Equipment	WATER AND SEWER FUND 592	\$ 14,359	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,359
			GENERAL FUND 101	\$ 14,359	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,359
104	FIR024 Engine (replace #313; 2007 Pierce)	Machinery & Equipment	CAPITAL IMPROVEMENT PROGRAM (CIP) FUND 400	\$ -	\$ 934,507	\$ -	\$ -	\$ -	\$ -	\$ 934,507
105	FLT010 Single-axle RDS Body Truck with Underbody Scraper and Wing Plow (replace #619; 2009 International Replacement)	Machinery & Equipment	GENERAL FUND 101	\$ -	\$ 253,850	\$ -	\$ -	\$ -	\$ -	\$ 253,850
106	FLD044 Brine Making System at DPW	Machinery & Equipment	GENERAL FUND 101	\$ -	\$ 125,159	\$ -	\$ -	\$ -	\$ -	\$ 125,159
107	FIR029 Engine (replace #322; 2008 Pierce)	Machinery & Equipment	CAPITAL IMPROVEMENT PROGRAM (CIP) FUND 400	\$ -	\$ -	\$ 981,236	\$ -	\$ -	\$ -	\$ 981,236
108	FLT009 Tandem-axle Swaploader Truck with underbody scraper & wing plow (replace #611; 2008 International)	Machinery & Equipment	GENERAL FUND 101	\$ -	\$ -	\$ 367,613	\$ -	\$ -	\$ -	\$ 367,613
109	POL018 In-Car Camera Replacements (every 5 years) (all marked patrol vehicles and fire command vehicle)	Machinery & Equipment	GENERAL FUND 101	\$ -	\$ -	\$ 367,150	\$ -	\$ -	\$ -	\$ 367,150
110	POL015 Body Cameras (every 5 years) does not include IT costs or add'l personnel for FOIA requests	Machinery & Equipment	GENERAL FUND 101	\$ -	\$ -	\$ 201,770	\$ -	\$ -	\$ -	\$ 201,770
111	FLT008 Skid Steer Attachments for Shoulder Maintenance - Roller & Road Widener (new) \$11,000 monthly rental fee not needed in 203 Fund	Machinery & Equipment	GENERAL FUND 101	\$ -	\$ -	\$ 126,840	\$ -	\$ -	\$ -	\$ 126,840
112	POL020 Portable Driving Simulator (\$15,000 every 5 years for software updates, etc.)	Machinery & Equipment	GENERAL FUND 101	\$ -	\$ -	\$ 44,600	\$ -	\$ -	\$ -	\$ 44,600
113	POL021 LPR System (every 5 years) - annual fee \$13,275	Machinery & Equipment	GENERAL FUND 101	\$ -	\$ -	\$ 30,050	\$ -	\$ -	\$ -	\$ 30,050

FY 2021-22 BUDGET: Capital Improvement Program

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ID#	Project Name	CIP Category	GL Fund #	FY 2021-22 YR 1	FY 2022-23 YR 2	FY 2023-24 YR 3	FY 2024-25 YR 4	FY 2025-26 YR 5	FY 2026-27 YR 6	Total Budget CIP
114	POL016 Public Safety Mobile Command Post (\$10,000 OT annually & \$16,000 fuel/maintenance annually)	Machinery & Equipment	GENERAL FUND 101	\$ -	\$ -	\$ -	\$ 818,710	\$ -	\$ -	\$ 818,710
115	POL010 Gun Range Total Containment Bullet Trap	Machinery & Equipment	GUN RANGE FACILITY FUND 402	\$ -	\$ -	\$ -	\$ 362,590	\$ -	\$ -	\$ 362,590
116	FLT011 Single-axle RDS body truck with underbody scraper and wing plow (replace #601; 2010 International)	Machinery & Equipment	GENERAL FUND 101	\$ -	\$ -	\$ -	\$ 269,310	\$ -	\$ -	\$ 269,310
117	FLD026 One-Ton Dump Truck w/Front Plow (replaces #617; 2008 Ford)	Machinery & Equipment	GENERAL FUND 101	\$ -	\$ -	\$ -	\$ 68,280	\$ -	\$ -	\$ 68,280
118	WTS032 Sewer Main Inspection Camera Replacement	Machinery & Equipment	WATER AND SEWER FUND 592	\$ -	\$ -	\$ -	\$ 24,970	\$ -	\$ -	\$ 24,970
119	FLT017 Single-axle RDS body truck with underbody scraper and wing plow (replace #602; 2011 International)	Machinery & Equipment	GENERAL FUND 101	\$ -	\$ -	\$ -	\$ -	\$ 277,390	\$ -	\$ 277,390
120	ICE018 Zamboni Replacement - Ice Arena	Machinery & Equipment	ICE ARENA FUND 590	\$ -	\$ -	\$ -	\$ -	\$ 117,540	\$ -	\$ 117,540
121	FIR032 Turn-Out Gear Washer/Extractor & Dryer Replacements and Secondary Stackable Washer/Dryer Replacement - Fire Station #4 (every 5 years)	Machinery & Equipment	GENERAL FUND 101	\$ -	\$ -	\$ -	\$ -	\$ 36,710	\$ -	\$ 36,710
122	FLT018 Single-axle RDS body truck with underbody scraper and wing plow (replace #613; 2012 International)	Machinery & Equipment	GENERAL FUND 101	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 285,710	\$ 285,710
123	FPM005 Field Top Dresser Replacement - Dakota 420 (Replaces #672; Bannerman Turf Topper)	Machinery & Equipment	GENERAL FUND 101	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,390	\$ 27,390
124	IFT003 Virtual Server Hardware and Storage Replacements - 1 storage device (FY 2020-21), 3 servers & 2 switches (FY 2021-22) (every 6 years)	Technology	GENERAL FUND 101	\$ 41,620	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 41,620
125	CDB001 CD Tech Upgrades (Phase 1) - BSA Planning, Zoning, and Engineering (PZE) software module implementation and training (no recurring annual fees)	Technology	GENERAL FUND 101	\$ 40,660	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,660
126	IFT005 Virtual Desktop (VDI) Server Replacements - 1 storage device, 5 servers, and 2 switches (every 6 years)	Technology	GENERAL FUND 101	\$ -	\$ 176,320	\$ -	\$ -	\$ -	\$ -	\$ 176,320
127	CDB002 CD Tech Upgrades (Phase 2) - Electronic Plan Review and Management Web-Based Solutions Software - \$12,000 annual fee for 3 years ONLY	Technology	GENERAL FUND 101	\$ -	\$ 60,220	\$ -	\$ -	\$ -	\$ -	\$ 60,220
128	IFT006 Telephone Server Replacement (every 10 years)	Technology	GENERAL FUND 101	\$ -	\$ -	\$ 38,400	\$ -	\$ -	\$ -	\$ 38,400
129	IFT007 Network Firewall Replacement-Civic Center (every 6 years)	Technology	GENERAL FUND 101	\$ -	\$ -	\$ 31,340	\$ -	\$ -	\$ -	\$ 31,340
130	IFT009 Network Video Recorder Server Replacement - Civic Center (every 6 years)	Technology	GENERAL FUND 101	\$ -	\$ -	\$ 19,920	\$ -	\$ -	\$ -	\$ 19,920
131	IFT010 Camera Server Replacement - Police Building (every 6 years)	Technology	GENERAL FUND 101	\$ -	\$ -	\$ -	\$ -	\$ 98,210	\$ -	\$ 98,210

\$ 16,537,792 \$ 20,018,387 \$ 15,596,738 \$ 13,334,810 \$ 15,679,290 \$ 48,505,850 \$ 129,672,867

FY 2021-22 BUDGET: Capital Improvement Program
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ID#	Project Name	CIP Category	GL Fund #	FY 2021-22 YR 1	FY 2022-23 YR 2	FY 2023-24 YR 3	FY 2024-25 YR 4	FY 2025-26 YR 5	FY 2026-27 YR 6	Total Budget CIP
			GENERAL FUND 101	\$ 621,439	\$ 1,108,878	\$ 1,720,343	\$ 1,408,640	\$ 1,080,630	\$ 965,050	\$ 6,904,980
			MAJOR STREET FUND 202	\$ 158,050	\$ 7,317,114	\$ 4,668,309	\$ 3,833,940	\$ 4,600,930	\$ 36,239,830	\$ 56,818,173
			LOCAL STREET FUND 203	\$ 5,291,460	\$ 3,000,000	\$ 3,200,000	\$ 2,500,000	\$ 2,500,000	\$ 3,390,970	\$ 19,882,430
			MUNICIPAL STREET FUND 204	\$ 2,417,430	\$ 200,000	\$ 378,480	\$ 200,000	\$ 1,053,180	\$ 200,000	\$ 4,449,090
			PARKS, RECREATION & CULTURAL SERVICES FUND 208	\$ 147,970	\$ 254,550	\$ 141,610	\$ 116,120	\$ 231,440	\$ 3,252,480	\$ 4,144,170
			TREE FUND 209	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,200,000
			DRAIN FUND 210	\$ 1,897,430	\$ 582,092	\$ 385,700	\$ 1,578,110	\$ 2,094,520	\$ 750,000	\$ 7,287,852
			CAPITAL IMPROVEMENT PROGRAM (CIP) FUND 400	\$ 890,004	\$ 4,955,477	\$ 981,236	\$ -	\$ -	\$ -	\$ 6,826,717
			GUN RANGE FACILITY FUND 402	\$ -	\$ -	\$ -	\$ 362,590	\$ -	\$ -	\$ 362,590
			ICE ARENA FUND 590	\$ -	\$ -	\$ 200,000	\$ 144,500	\$ 860,060	\$ -	\$ 1,204,560
			WATER AND SEWER FUND 592	\$ 4,635,579	\$ 2,018,316	\$ 3,484,710	\$ 2,990,910	\$ 3,058,530	\$ 3,507,520	\$ 19,695,565
			SENIOR HOUSING FUND 594	\$ 278,430	\$ 381,960	\$ 236,350	\$ -	\$ -	\$ -	\$ 896,740
				\$ 16,537,792	\$ 20,018,387	\$ 15,596,738	\$ 13,334,810	\$ 15,679,290	\$ 48,505,850	\$ 129,672,867

FY 2021-22 BUDGET: Capital Improvement Program

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ID#	Project Name	CIP Category	GL Fund #	FY 2021-22 YR 1	FY 2022-23 YR 2	FY 2023-24 YR 3	FY 2024-25 YR 4	FY 2025-26 YR 5	FY 2026-27 YR 6	Total Budget CIP
		Roads		\$ 6,740,520	\$ 10,245,274	\$ 7,362,159	\$ 6,333,940	\$ 7,100,930	\$ 39,630,800	\$ 77,413,623
		Intersections & Signals		\$ -	\$ 71,840	\$ 506,150	\$ -	\$ -	\$ -	\$ 577,990
		Sidewalks & Pathways		\$ 1,610,000	\$ 400,000	\$ 578,480	\$ 400,000	\$ 1,253,180	\$ 400,000	\$ 4,641,660
		Storm Sewer & Drainage		\$ 1,469,656	\$ 582,092	\$ 385,700	\$ 1,578,110	\$ 2,094,520	\$ 750,000	\$ 6,860,078
		Sanitary Sewer		\$ 1,604,950	\$ 1,167,883	\$ 704,450	\$ -	\$ -	\$ 2,100,000	\$ 5,577,283
		Water Distribution		\$ 2,556,830	\$ 816,723	\$ 2,780,260	\$ 2,965,940	\$ 3,000,000	\$ 1,407,520	\$ 13,527,273
		Parks, Recreation, & Cultural Services		\$ 147,970	\$ 4,275,520	\$ 141,610	\$ 116,120	\$ 231,440	\$ 3,252,480	\$ 8,165,140
		Parking Lots		\$ -	\$ -	\$ -	\$ -	\$ 1,144,680	\$ -	\$ 1,144,680
		Buildings & Property		\$ 489,590	\$ 908,999	\$ 929,010	\$ 396,840	\$ 324,690	\$ 651,950	\$ 3,701,079
		Machinery & Equipment		\$ 1,835,996	\$ 1,313,516	\$ 2,119,259	\$ 1,543,860	\$ 431,640	\$ 313,100	\$ 7,557,371
		Technology		\$ 82,280	\$ 236,540	\$ 89,660	\$ -	\$ 98,210	\$ -	\$ 506,690
				\$ 16,537,792	\$ 20,018,387	\$ 15,596,738	\$ 13,334,810	\$ 15,679,290	\$ 48,505,850	\$ 129,672,867