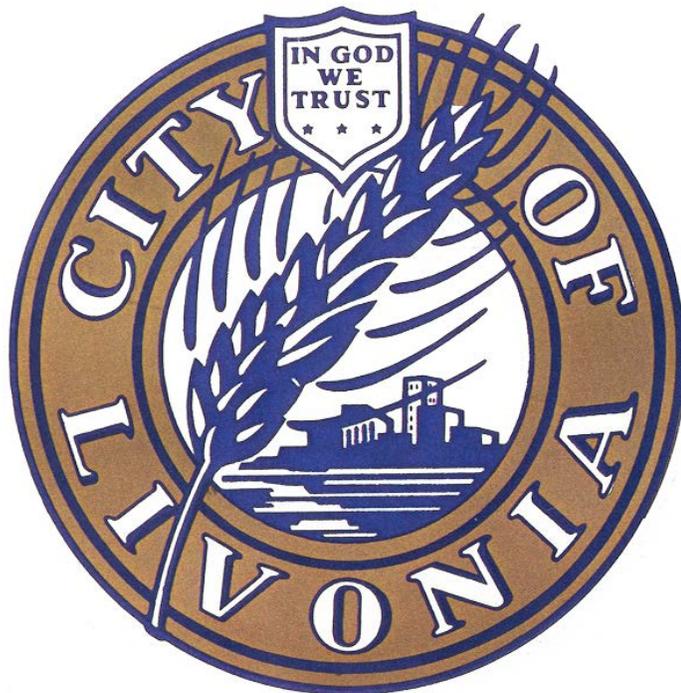


CITY OF LIVONIA, MICHIGAN

**CAPITAL IMPROVEMENTS PROGRAM
2016 - 2021**



**PREPARED BY THE
CITY OF LIVONIA PLANNING COMMISSION
May 19, 2016**

CITY OF LIVONIA, MICHIGAN

MAYOR

Dennis K. Wright

CITY CLERK

Susan M. Nash

CITY TREASURER

Lynda L. Scheel

CITY COUNCIL

Kathleen E. McIntyre, President
Brandon M. Kritzman, Vice President
Scott Bahr
Brian Meakin
Maureen Miller-Brosnan
Cathy K. White
Jim Jolly

PLANNING COMMISSION

Ian Wilshaw, Vice Chairman
Carol A. Smiley, Secretary
Glen W. Long
Peter H. Ventura
Elizabeth McCue
Sam Caramagno

**CITY OF LIVONIA, MICHIGAN
CITY ADMINISTRATION**

ASSESSMENT.....	Linda Gosselin
CIVIL SERVICE	Denise Maier
COMMUNITY RESOURCES.....	Linda McCann
ENGINEERING	Todd Zilincik
FINANCE DEPARTMENT.....	Michael T. Slater
HOUSING COMMISSION.....	James M. Inglis
INFORMATION SYSTEMS.....	Daniel T. Putman
INSPECTION	Alex Bishop
LAW DEPARTMENT.....	Don Knapp
LEGISLATIVE AFFAIRS.....	Judy Priebe
LIBRARY.....	Toni LaPorte
PARKS AND RECREATION.....	Edward Davis
PLANNING.....	Mark S. Taormina
PUBLIC SAFETY – FIRE DEPARTMENT	Shadd Whitehead
PUBLIC SAFETY – POLICE DEPARTMENT	Curtis Caid
PUBLIC SERVICE DIVISION.....	Don Rohraff
DIRECTOR OF ADMINISTRATIVE SERVICES.....	Dave Varga

TABLE OF CONTENTS

Resolution Recommending CIP for City Council Adoption	1
Introduction	2
Relationship Between the CIP and the Annual Budget	2
Why Create a CIP?	3
CIP Funding Sources	4
Project Type	6
Area of Benefit	6
Highlights of the 2016 – 2021 CIP	7
Proposed Six-Year CIP (2016-2021) Projects <i>Sorted by Funding Source</i>	8
Proposed Six-Year CIP (2016-2021) Projects <i>Sorted by Department</i>	20
Proposed Six-Year CIP (2016-2021) Projects <i>Sorted by Project Type</i>	32
Proposed Six-Year CIP (2016-2021) Projects <i>Sorted by Area of Benefit</i>	43

LIVONIA CITY PLANNING COMMISSION

**IAN WILSHAW, VICE CHAIRMAN
CAROL A. SMILEY, SECRETARY
GLEN W. LONG
PETER H. VENTURA
ELIZABETH MCCUE
SAM CARAMAGNO**

**Resolution Recommending
2016 – 2021 Capital Improvements Program
for City Council Adoption**

WHEREAS, pursuant to the Michigan Planning Enabling Act, P.A. 33 of 2008, as amended, the City of Livonia Planning Commission is responsible for preparing a 6-year Capital Improvements Program; and

WHEREAS, the 2016 – 2021 Capital Improvements Program, prepared through a joint effort of several City departments, has been submitted to the City Planning Commission for consideration; and

WHEREAS, a duly-noticed City Planning Commission public meeting was held on May 24, 2016; and

WHEREAS, the Capital Improvements Program presents a realistic program to aid in the determination of a complete fiscal planning strategy for the City of Livonia; and

WHEREAS, the City Planning Commission stands ready to do all things necessary to cooperate with the Mayor and City Council in maintaining a functioning program of capital improvements and capital budgeting for the City of Livonia; therefore

BE IT RESOLVED that the City Planning Commission hereby adopts the 2016 – 2021 Capital Improvements Program; and

BE IT RESOLVED that the City Planning Commission recommends the City Council adopt this Capital Improvements Program and use it as a guide to funding priority capital projects with the program.

IAN WILSHAW, Vice Chairman

INTRODUCTION

The City of Livonia Capital Improvements Program (CIP) is a plan for the financing of construction, major rehabilitation and other capital projects. Pursuant to state law (Act 33 of the Public Acts of 2008), the City Planning Commission is responsible for preparing a Capital Improvements Program (CIP) covering a six-year time period. The primary purpose of the CIP is to aid in implementing the City's Master Plan. To that end, the CIP sets forth a series of recommendations for funding public projects, such as street improvements, construction and maintenance of water and sewer lines, construction of public structures, construction of parks and open spaces, etc., all of which have a relationship to the Master Plan either because they further the development of public land or provide facilities needed to develop private property as guided by the Future Land Use Plan. The projects included in this program have been determined to be essential, as well as beneficial, to the community.

RELATIONSHIP BETWEEN THE CIP AND THE ANNUAL BUDGET

The CIP is prepared as a recommendation and aid to the Mayor and City Council in their annual preparation and approval of a City budget. The CIP does not appropriate funds, but rather it supports the actual appropriations that are made through adoption of the annual budget. By planning six (6) years in advance, the CIP will assist the City in providing for timely acquisition, planning, design, construction, and replacement of all its capital assets. Moreover, a six (6) year time frame accommodates opportunities for coordination between projects.

A project's inclusion in the CIP does not, in and of itself, commit the City to funding and accomplishing it. The CIP identifies capital needs. Available funds, taxing capacity, and debt capacity may require that some projects ultimately be deferred beyond the years in which they are initially programmed for accomplishment in the CIP. Projects programmed for 2016 take on special importance because they must be addressed in this year's operating budget.

WHY CREATE A CAPITAL IMPROVEMENT PROGRAM?

The CIP is a multi-year scheduling of public physical improvements based on the City's long-range objectives. Planning in advance for the inevitable acquisition, construction and/or replacement of the City's basic facilities, services and installations needed for the functioning of the community, is an important element in maintaining and preserving a high quality of life. Through capital improvement programming, capital projects can be brought into line with the City's objectives and financial capabilities. For the community, several major benefits are created by the adoption of the CIP, including:

- 1) The CIP allows all City departments to be aware of all current and proposed improvements, thereby reducing the potential for scheduling conflicts and offering the ability to integrate projects and work in a coordinated system.
- 2) The CIP provides a cohesive improvement schedule, which will allow projects to be planned and constructed in a cost saving manner.
- 3) The CIP provides the City with a proposed improvement schedule so that reasonable budget allocations can be maintained and appropriately managed.
- 4) The CIP provides a guide for improving the community's assets, allowing well-planned investments to be made in advance rather than managing capital projects on an emergency or ad hoc basis.
- 5) The CIP provides a framework for identifying potential capital investments and analyzing the effects of each project on operating budgets, project scheduling and coordination, and community impacts.
- 6) The CIP assists in establishing appropriate project scheduling so that overall workload is managed and projects can be completed in a timely manner.
- 7) Long-term expenditures can be averaged out so that major debt is not incurred all at once.

CAPITAL IMPROVEMENT PLAN FUNDING SOURCES

There are several methods currently available to governments for financing capital improvement projects. Since capital improvements require large outlays of capital for any given project, it is often necessary to pursue multiple creative solutions for financing projects. The following are short descriptions for each of the funding sources identified in the Capital Improvement Plan document:

1. **General Fund (GF)** – General Fund revenues are the main operating revenues for the City. They come from various sources such as property taxes, State-shared revenue, user fees and investment income. This funding source includes some items funded by a millage that is dedicated for Transit and Capital Improvement.
2. **Bonds (BOND)**– Bonds may be issued under certain circumstances to provide funding for the purchase of capital projects. Ultimately, the repayment of bonds must be made from one of the other funding sources listed.
3. **New Millage (MILL)** – New millages which generate additional property taxes may only be implemented after approval by a vote of the registered citizens.
4. **Grants (GRANT)** – Various grants become available from time to time to fund specific capital project improvements.
5. **Special Assessment (SAD)** – Special assessments may be levied where a capital project benefits a distinct and identifiable group of property owners. These property owners would then be required to pay for the improvement which benefits their property.
6. **Road Funds (ROAD)** – Road funds come from either Act 51 Gas Tax Revenues which are shared from the State or via the separate Road, Sidewalk and Tree Millage approved by the voters in 2002 and reapproved in 2012.
7. **Refuse Millage (REFUSE)** – Refuse millage consists of two parts. The first is a millage authorized by State law for garbage collection and disposal. The second millage was approved by Livonia citizens for recycling efforts. These funds are restricted for refuse and recycling purposes.

8. **Recreation Millage (P&R)** – This funding source was approved Livonia citizens in 1999 and is restricted to be used for recreation purposes.
9. **PRDA (PRDA)** – The Plymouth Road Development Authority is a DDA that captures property taxes within the PRDA district. These property taxes can then be used for projects within the district.
10. **Adjudicated Forfeitures (FORF)** – These funds are derived from the confiscation by law enforcement officials of assets illegally obtained. They may be used for specified purposes for law enforcement.
11. **911 Fees (911)** – These fees are charged on telephone bills and can be used for dispatch purposes.
12. **Library Millage (LIB)** - This millage was voted on and approved by the Livonia citizens in 1984 and can be used only for library purposes.
13. **Housing Rentals (HOUS)** – Rents received from City-owned rental housing can be used to fund capital projects related to those housing units.
14. **Cable Franchise Fees (CABLE)** – These fees are derived from a franchise fee charged to cable users.
15. **Golf Course Fees (GOLF)** – Greens fees paid by golfers on Livonia golf courses can be used to fund capital improvements to the golf courses.
16. **Water and Sewer Fees (W&S)** – User fees for the City's Water and Sewer System can be used to fund capital improvements to the Water and Sewer Fund.
17. **Multiple Sources (MULT)** – This category is used where a number of the other sources listed above are combined to make a capital purchase.
18. **Other (OTH)** – This is a funding source other than the funding sources listed above.

PROJECT TYPE

Each proposed improvement includes a brief description, the year in which it will be started/acquired, and the amount to be expended. In addition, the proposed list of capital improvements has been categorized according to one of the following eight Project Types:

- | | |
|-----------------------------------|------|
| 1. Paving Infrastructure | PAV |
| 2. Water and Sewer Infrastructure | W&S |
| 3. Buildings | BLDG |
| 4. Technology | TECH |
| 5. Vehicles | VEH |
| 6. Equipment | EQPT |
| 7. Land Purchase or Improvement | LAND |
| 8. Other | OTH |

AREA BENEFITTED

Each project is also categorized according to the primary area of benefit. Below is the list of choices that appear in the last column of the 2014 – 2019 Capital Improvements Program:

- | | |
|--------------------------------------|----------|
| 1. Public Safety | P SAFETY |
| 2. Public Works | P WORKS |
| 3. Parks & Recreation | P&R |
| 4. Cultural (Library and Historical) | CULTURE |
| 5. Court | COURT |
| 6. Transportation | TRSP |
| 7. Housing | HOUS |
| 8. General Government | G GOVT |

2016 – 2021 CAPITAL IMPROVEMENTS

The following tables are recommended 2016 – 2021 Capital Improvements. For ease of reference, the data has been sorted four different ways: 1) By Department, 2) By Funding Source, 3) By Project Type, and 4) By Area of Benefit. Year-by-year proposed projects and expenditures are set out in detail.

HIGHLIGHTS OF THE 2016 – 2021 PROGRAM

2016 Proposed General Fund Expenditures	\$ 6,115,989
2016 – 2021 Proposed Total Expenditures	\$ 172,712,090
2016 – 2021 Proposed City Share of Total Expenditures	\$ 156,837,090

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY DEPARTMENT
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
1	COM RES	Greenhouse - rebuilt/restoration	1	7,000	37,000					44,000	44,000	MULT	BLDG	CULTURE
2	COM RES	Nankin Mills School - moving & restoration	1	140,000	100,000					240,000	240,000	MULT	BLDG	CULTURE
3	COM RES	Greenmead Paving - new	2				177,000			177,000	177,000	ROAD	PAV	P WORKS
4	COM RES	Hill House Museum - interior restoration	3	10,000	20,000	20,000				50,000	50,000	MULT	BLDG	CULTURE
5	COM RES	South Barn - restoration	3			73,000				73,000	73,000	MULT	BLDG	CULTURE
6	COM RES	Greenmead Entrances - new build	3				30,000			30,000	30,000	ROAD	PAV	P WORKS
7	COM RES	Greenmead Restroom Pavilion - new build	3					185,000		185,000	185,000	MULT	BLDG	P&R
8	COM RES	History House - restoration, new foundation	4					100,000		100,000	100,000	MULT	BLDG	CULTURE
9	COM RES	North Carriage House - restoration 1st & 2nd floor	4						70,800	70,800	70,800	MULT	BLDG	CULTURE
10	COM RES	Blue Office - interior restoration	4						37,000	37,000	37,000	MULT	BLDG	CULTURE
11	COM RES	Storm Sewers - underground drainage	4						194,000	194,000	194,000	GF	W&S	P WORKS
12	COM RES	Foundation Stone on Church, Parsonage & Bungalow	5				18,000			18,000	18,000	MULT	BLDG	CULTURE
13	COM RES	DUR (Detroit United Railway) Building - interior restoration & platform rebuilt	5			10,000				10,000	10,000	MULT	BLDG	CULTURE
14	COM RES	South Carriage House - new build from pictures	5						50,000	50,000	50,000	MULT	BLDG	CULTURE
15		COMMUNITY RESOURCES TOTAL		\$ 157,000	\$ 157,000	\$ 103,000	\$ 225,000	\$ 285,000	\$ 351,800	\$ 1,278,800	\$ 1,278,800			
16	ENGINEER	Local Road Program-Pavement (Reconstruction)	1	3,000,000	2,500,000	2,000,000	2,000,000	2,000,000	2,750,000	14,250,000	14,250,000	ROAD	PAV	P WORKS
17	ENGINEER	Local Road Program-Pavement (Rehabilitation)	1	1,200,000	1,750,000	2,500,000	2,750,000	3,000,000	3,750,000	14,950,000	14,950,000	ROAD	PAV	P WORKS
18	ENGINEER	Local Road Program-Pavement (Maintenance)	1	210,000	250,000	750,000	1,000,000	1,250,000	1,500,000	4,960,000	4,960,000	ROAD	PAV	P WORKS
19	ENGINEER	Local Road Program-Pavement - Joint & Crack Sealing (Maintenance)	1	95,000	200,000	225,000	250,000	275,000	300,000	1,345,000	1,345,000	ROAD	PAV	P WORKS
20	ENGINEER	Local Road Program-Pavement - Lane Line Marking (Maintenance)	1	95,000	105,000	110,000	120,000	125,000	135,000	690,000	690,000	ROAD	PAV	P WORKS
21	ENGINEER	Traffic Signal Modernizations at Fire Stations	1	175,000						175,000	175,000	MILL	TECH	P SAFETY
22	ENGINEER	Ann Arbor Trail (Eckles Road to Newburgh Road)	1		85,000	275,000				360,000	360,000	ROAD	PAV	P SAFETY
23	ENGINEER	Five Mile Road (Eckles to Farmington Road) - Resurfacing	1					250,000	125,000	375,000	375,000	ROAD	PAV	P SAFETY
24	ENGINEER	Stark Road (Schoolcraft to Lyndon)	1			50,000	125,000			175,000	175,000	ROAD	PAV	P SAFETY
25	ENGINEER	Lyndon (East & Westbound) (Farmington to Stark) - Resurfacing	1			40,000	100,000			140,000	140,000	ROAD	PAV	P SAFETY
26	ENGINEER	I-275 (5 Mile to 8 Mile) - Rehabilitation	1	500,000	75,000					575,000	575,000	ROAD	PAV	P SAFETY
27	ENGINEER	Gill Road (7 Mile to 8 Mile Road) - Rehabilitation	1			55,000	225,000			280,000	280,000	ROAD	PAV	P SAFETY
28	ENGINEER	Farmington Road (Plymouth to Schoolcraft) - Rehabilitation	1			140,000				140,000	140,000	ROAD	PAV	P SAFETY
29	ENGINEER	Joy Road (Newburgh to Wayne)	1				150,000			150,000	150,000	ROAD	PAV	P SAFETY
30	ENGINEER	Seven Mile Road (Newburgh Road to Farmington) - Rehabilitation	1	200,000						200,000	200,000	ROAD	PAV	P SAFETY
31	ENGINEER	Baseline Road (Eight Mile) (Ellen to Farmington)	1	150,000						150,000	150,000	ROAD	PAV	P SAFETY
32	ENGINEER	Schoolcraft (Eastbound & Westbound) Corridor Improvement Projects	1			100,000	325,000			425,000	425,000	ROAD	PAV	P SAFETY
33	ENGINEER	Amerhein Road (3,500' West of Eckles to Asphalt Segment) - Concrete Reconstruct	1	105,000	400,000					505,000	505,000	ROAD	PAV	P SAFETY
34	ENGINEER	Merriman Road (Joy to Plymouth Road) - Rehabilitation	1			130,000				130,000	130,000	ROAD	PAV	P SAFETY
35	ENGINEER	Inkster Road (5 Mile Road to 7 Mile Road) - Resurfacing	1			125,000	150,000			275,000	275,000	ROAD	PAV	P SAFETY

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY DEPARTMENT
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
36	ENGINEER	Farmington Road (Schoolcraft to 5 Mile Road) - Resurfacing	1				150,000			150,000	150,000	ROAD	PAV	P SAFETY
37	ENGINEER	Farmington Road (6 Mile Road to 7 Mile Road)	1		150,000					150,000	150,000	ROAD	PAV	P WORKS
38	ENGINEER	Farmington Road (7 Mile to 8 Mile Road) - Resurfacing	1	135,000						135,000	135,000	ROAD	PAV	P SAFETY
39	ENGINEER	Water Master Plan Improvement Projects	1		1,000,000	1,500,000	1,250,000	1,500,000	1,500,000	6,750,000	6,750,000	W&S	W&S	P WORKS
40	ENGINEER	Sidewalk Repairs	1	435,000	475,000	500,000	550,000	600,000	650,000	3,210,000	3,210,000	GF	PAV	P WORKS
41	ENGINEER	Parking Lot Striping	1	10,000	15,000	10,000	15,000	10,000	15,000	75,000	75,000	GF	PAV	P WORKS
42	ENGINEER	Parking Lot Repairs and Paving	1	30,000	50,000	50,000	30,000	50,000	50,000	260,000	260,000	GF	PAV	P WORKS
44	ENGINEER	Storm Sewer Repairs (Outfalls)	1	10,000		15,000		20,000		45,000	45,000	GF	OTH	P WORKS
45	ENGINEER	Detention Basin Maintenance	1	15,000	30,000	30,000	30,000	30,000	30,000	165,000	165,000	GF	OTH	P WORKS
46	ENGINEER	Modernization of Conference Rooms to include Smart Board displays, etc.	2	5,000						5,000	5,000	GF	OTH	P WORKS
47	ENGINEER	Update all computer software and obtain tablets for Engineering Inspectors	2	5,000	5,000		5,000			15,000	15,000	GF	TECH	P WORKS
48	ENGINEER	Obtain new KIP Scanner/Copier	2		15,000					15,000	15,000	GF	TECH	P WORKS
49	ENGINEER	Rear Yard Drainage Issues	2	40,000	40,000	40,000	40,000	40,000	40,000	240,000	240,000	GF	OTH	P WORKS
50	ENGINEER	Replace (1) Pickup truck for field use	2			55,000				55,000	55,000	GF	VEH	P WORKS
51	ENGINEER	Civil 3D AutoCAD Software and License	2		6,500		7,000		7,500	3,500	21,000	W&S	TECH	P WORKS
52	ENGINEER	Computer Equipment/Printers/Office Supplies/Camera	2	5,000		6,500		7,500		3,000	19,000	GF	TECH	P WORKS
53	ENGINEER	KIP 3100 Maintenance/Replacement	2		1,500		1,600		15,000	2,000	18,100	W&S	EQPT	P WORKS
54	ENGINEER	Bike Path Program & Lanes throughout City	2	50,000	100,000	100,000	100,000	100,000	100,000	550,000	550,000	GF	PAV	TRSP
55	ENGINEER	Battery Back-Up / Transfer Switches for Traffic Signals	3		7,500		10,000		15,000	32,500	32,500	MILL	TECH	P WORKS
56	ENGINEER	Pave Gravel Roads	3			75,000		100,000		175,000	175,000	ROAD	PAV	P WORKS
57	ENGINEER	Replace (2) vehicles [Cars]	3			30,000		30,000		60,000	60,000	GF	VEH	P WORKS
58		ENGINEERING TOTAL		\$ 6,470,000	\$ 7,260,500	\$ 8,911,500	\$ 9,383,600	\$ 9,387,500	\$ 10,982,500	\$ 52,346,000	\$ 52,395,600			
59	FIRE	Fire Station #6 - Apparatus Garage Addition	1	695,000						695,000	695,000	GF	BLDG	P SAFETY
60	FIRE	Replacement Fire Engine Pumper (2 units)	1	980,000						980,000	980,000	GF	BLDG	P SAFETY
61	FIRE	Station #4 Terrazzo Floor Repair	2	48,000						48,000	48,000	GF	BLDG	P SAFETY
62	FIRE	FD Utility Pickup Truck	3	35,000						35,000	35,000	GF	VEH	P SAFETY
63	FIRE	Zoll Cardia Monitor/Defibrillator	3	30,000						30,000	30,000	GF	EQPT	P SAFETY
64	FIRE	Fire Station #1 - building addition, Training/Admin offices	1		1,350,000					1,350,000	1,350,000	GF	BLDG	P SAFETY
65	FIRE	Replacement LADDER 1	1			800,000				800,000	800,000	GF	VEH	P SAFETY
66	FIRE	Replacement Squad 1 & 5	1				500,000			500,000	500,000	GF	VEH	P SAFETY
67	FIRE	Replacement Squad 6	1					255,000		255,000	255,000	GF	VEH	P SAFETY
68	FIRE	Replacement Squad 3	1						260,000	260,000	260,000	GF	VEH	P SAFETY
69	FIRE	Replacement Squad 4	2		245,000					245,000	245,000	GF	VEH	P SAFETY
70	FIRE	Replace BC-1 command vehicle (Suburban)	2			60,000				60,000	60,000	GF	VEH	P SAFETY
71	FIRE	Apparatus Maintenance Vehicle	2				85,000			85,000	85,000	GF	VEH	P SAFETY

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY DEPARTMENT
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
72		FIRE TOTAL		\$ 1,788,000	\$ 1,595,000	\$ 860,000	\$ 585,000	\$ 255,000	\$ 260,000	\$ 5,343,000	\$ 5,343,000			
73	HOUSING	McNamara Towers No. 1 (55 units)												
74	HOUSING	Dwelling Units: Finishes, In-Unit Mech & Electrical, Other	2	41,669	41,669	41,669	41,669	41,669	41,655	0	250,000	MULT	BLDG	HOUS
75	HOUSING	Site: Improvements, Paving, Walks Distribution	3	1,700	1,700	1,700	1,700	1,700	1,500	0	10,000	MULT	LAND	HOUS
76	HOUSING	Building: Entry, Walls, Windows, Interior, Other Spaces	4	16,750	16,750	16,750	16,750	16,750	16,250	0	100,000	MULT	BLDG	HOUS
78	HOUSING	McNamara Towers No. 2 (81 units)												
79	HOUSING	Dwelling Units: Finishes, Kitchen, In-Unit Mech & Electrical, Other	2	41,669	41,669	41,669	41,669	41,669	41,655	0	250,000	MULT	BLDG	HOUS
80	HOUSING	Site: Improvements, Paving, Walks Distribution	3	16,750	16,750	16,750	16,750	16,750	16,250	0	100,000	MULT	LAND	HOUS
81	HOUSING	Building: Entry, Walls, Windows, Interior, Other Spaces	4	25,000	25,000	25,000	25,000	25,000	25,000	0	150,000	MULT	BLDG	HOUS
83	HOUSING	Scattered Site Homes (30)												
84	HOUSING	Site: Improvements	3	16,750	16,750	16,750	16,750	16,750	16,250	0	100,000	MULT	LAND	HOUS
85	HOUSING	Building: Structure, Entry, Windows	4	33,500	33,500	33,500	33,500	33,500	32,500	0	200,000	MULT	BLDG	HOUS
86	HOUSING	Dwelling Units: Finishes, Kitchens, Bathrooms, In-Unit Mech/Electrical	4	83,500	83,500	83,500	83,500	83,500	82,500	0	500,000	MULT	BLDG	HOUS
87	HOUSING	Newburgh Village (120 Units)												
88	HOUSING	Buildings: Structures, Windows, Walls	2	83,500	83,500	83,500	83,500	83,500	82,500	0	500,000	HOUS	BLDG	HOUS
89	HOUSING	Heating & Cooling/Mechanical & Electrical: Furnaces	2	33,500	33,500	33,500	33,500	33,500	32,500	0	200,000	HOUS	EQPT	HOUS
90	HOUSING	Site: Landscaping, Site Lighting, Walks, Drives	3	50,000	50,000	50,000	50,000	50,000	50,000	0	300,000	HOUS	LAND	HOUS
91	HOUSING	Dwelling Units: Kitchens, Bathrooms, Finishes	3	41,669	41,669	41,669	41,669	41,669	41,655	0	250,000	HOUS	BLDG	HOUS
92	HOUSING	Silver Village (109 Units)												
93	HOUSING	Dwelling Units: Kitchens, Bathrooms, Finishes	2	50,000	50,000	50,000	50,000	50,000	50,000	0	300,000	HOUS	BLDG	HOUS
94	HOUSING	Buildings: Structures, Roofs, Windows, Walls	3	33,500	33,500	33,500	33,500	33,500	32,500	0	200,000	HOUS	BLDG	HOUS
95	HOUSING	Heating & Cooling/Mechanical & Electrical: Furnaces	4	16,680	16,680	16,680	16,680	16,680	16,600	0	100,000	HOUS	EQPT	HOUS
96	HOUSING	Site: Landscaping, Walks	4	12,500	12,500	12,500	12,500	12,500	12,500	0	75,000	HOUS	LAND	HOUS
97	HOUSING	South Administration Building												
98	HOUSING	Office Improvements Lease	3	15,000	15,000	15,000	15,000	15,000	15,000	0	90,000	HOUS	BLDG	HOUS
99	HOUSING	Exterior Improvements Owner - (P Works)	3	41,669	41,669	41,669	41,669	41,669	41,655	250,000	250,000	GF	BLDG	P WORKS
100	HOUSING	Newburgh Village #2 Bonds	1		4,000,000	4,000,000				0	8,000,000	BOND	OTH	HOUS
101		HOUSING TOTAL		\$ 655,306	\$ 4,655,306	\$ 4,655,306	\$ 655,306	\$ 655,306	\$ 648,470	\$ 250,000	\$ 11,925,000			
102	INSP	Conversion & Indexing of files to laserfiche (INSPECTION & ORDINANCE)	1		176,900					176,900	176,900	GF	TECH	INSP
103	INSP	Conversion & Indexing of files to laserfiche (Zoning Board of Appeals)	1		40,000					40,000	40,000	GF	TECH	INSP
104	INSP	Planning of New City Hall	2		150,000					150,000	150,000	GF	LAND	G GOVT
105	INSP	Conversion & Indexing of files to laserfiche (INSPECTION & ORDINANCE)	1			36,600				36,600	36,600	GF	TECH	INSP
107	INSP	Office Furniture (Inspection & Ordinance)	2				100,000			100,000	100,000	GF	EQPT	INSP
108	INSP	New City Vehicles	2						400,000	400,000	400,000	GF	VEH	INSP
109	INSP	INSPECTION TOTAL		\$ -	\$ 366,900	\$ 36,600	\$ 100,000	\$ -	\$ 400,000	\$ 903,500	\$ 903,500			

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY DEPARTMENT
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
110	IS	Replace two Servers	1	\$ 8,200						8,200	8,200	GF	TECH	G GOVT
111	IS	LaserFiche Web Portal	1	\$ 30,000						30,000	30,000	GF	TECH	G GOVT
112	IS	Fiber	1	\$ 15,000						15,000	15,000	GF	TECH	G GOVT
113	IS	Fiber	1	\$ 130,349						130,349	130,349	GF	TECH	G GOVT
114	IS	Security Cameras	1	\$ 62,521						62,521	62,521	GF	TECH	G GOVT
115	IS	Microsoft Office 365 E3 Plan	1	\$ 24,500						24,500	24,500	GF	TECH	G GOVT
116	IS	Microsoft Office Licensing	1	\$ 68,250						68,250	68,250	GF	TECH	G GOVT
117	IS	Microsoft Core CAL Licensing	1	\$ 71,750						71,750	71,750	GF	TECH	G GOVT
118	IS	Replace Server Virtual Environment and SAN	1		110,000					110,000	110,000	GF	TECH	G GOVT
119	IS	Replace UPS for Computer Room	2			25,000				25,000	25,000	GF	TECH	G GOVT
120	IS	Replace Liebert AC in Computer Room	2				12,000			12,000	12,000	GF	TECH	G GOVT
121	IS	Upgrade City Hall to Cat-6 Cabling	2				125,000			125,000	125,000	GF	TECH	G GOVT
122	IS	Upgrade Library to Cat-6 Cabling	2					80,000		80,000	80,000	GF	TECH	G GOVT
123	IS	Expand Wi-Fi	3		10,000			50,000		60,000	60,000	GF	TECH	G GOVT
124	IS	Develop a Mobile App	3		12,500					12,500	12,500	GF	TECH	G GOVT
125	IS	Implement Office 365	1		92,000					92,000	92,000	GF	TECH	G GOVT
126	IS	Replace/Upgrade Phone System	3		450,000					450,000	450,000	GF	TECH	G GOVT
127	IS	Develop Disaster Recovery Location	4					150,000		150,000	150,000	GF	TECH	G GOVT
128	IS	Expand Security Camera System	3		12,000	12,000	45,000	5,000		74,000	74,000	GF	TECH	G GOVT
129		INFORMATION SYSTEMS TOTAL		\$ 410,570	\$ 686,500	\$ 37,000	\$ 182,000	\$ 285,000	\$ -	\$ 1,601,070	\$ 1,601,070			
130	LIBRARY	Hire movers to help with re-do of 1st floor Civic Center	1	5,000						5,000	5,000	LIB	BLDG	CULTURE
131	LIBRARY	Carpeting 3rd floor of Civic Center	1	18,000						18,000	18,000	LIB	BLDG	CULTURE
132	LIBRARY	Replace patron chairs Civic Center	1	48,000						48,000	48,000	LIB	BLDG	CULTURE
133	LIBRARY	Carpeting Sandburg Library	1	25,000						25,000	25,000	LIB	BLDG	CULTURE
134	LIBRARY	Carpeting Noble Library	1	30,000						30,000	30,000	LIB	BLDG	CULTURE
135	LIBRARY	Replace ceiling tiles Civic Center	1		30,000					30,000	30,000	LIB	BLDG	CULTURE
136	LIBRARY	Build 3 group study rooms Civic Center	1		30,000					30,000	30,000	LIB	BLDG	CULTURE
137	LIBRARY	Paint/wallpaper 3rd floor Civic Center	1		12,000					12,000	12,000	LIB	BLDG	CULTURE
138	LIBRARY	Rewire 2nd floor west wing Civic Center	1			10,000				10,000	10,000	LIB	BLDG	CULTURE
139	LIBRARY	New study carrels & chairs 2nd floor west wing	1			10,500				10,500	10,500	LIB	BLDG	CULTURE
140	LIBRARY	Paint/wallpaper 1st & 2nd floor Civic Center	1			50,000				50,000	50,000	LIB	BLDG	CULTURE
141	LIBRARY	Recarpet 1st & 2nd floor & freight elevator Civic Center	1				90,000			90,000	90,000	LIB	BLDG	CULTURE
142	LIBRARY	Redesign circ, browsing & reference desks Civic Center	1					30,000		30,000	30,000	LIB	BLDG	CULTURE
143	LIBRARY	Replace carpet & seating in auditorium Civic Center	1						55,000	55,000	55,000	LIB	BLDG	CULTURE
144		LIBRARY TOTAL		\$ 126,000	\$ 72,000	\$ 70,500	\$ 90,000	\$ 30,000	\$ 55,000	\$ 443,500	\$ 443,500			

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY DEPARTMENT
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
145	P WORKS	Modernize Conference Rooms to include Smart Board displays, beverage cooler, ceiling projectors, updated televisions, etc.	1	5,000						5,000	5,000	GF	OTH	P WORKS
146	P WORKS	Security System to include cameras, swipe cards, locked gates and doors at DPW Yard	1	55,000						55,000	55,000	GF	BLDG	P WORKS
147	P WORKS	Cement work and repair of parking lot for Equipment Maintenance Section	1		175,000					175,000	175,000	GF	LAND	P WORKS
148	P WORKS	(3) Hoists with hydraulic front posts for Equipment Maintenance Section	1	40,000		40,000		40,000		120,000	120,000	GF	EQPT	P WORKS
149	P WORKS	(2) Complete sets, portable jacks for Equipment Maintenance Section	1	100,000	100,000					200,000	200,000	GF	EQPT	P WORKS
150	P WORKS	Larger capacity propane tank for Equipment Maintenance Section	1			30,000				30,000	30,000	GF	EQPT	P WORKS
151	P WORKS	Replace HVAC air handler units, City Hall (Building Maint)	1	750,000						750,000	750,000	GF	BLDG	G GOVT
152	P WORKS	Complete Energy Management Upgrade to Honeywell system for all out buildings (Building Maint)	1	100,000	75,000	50,000				225,000	225,000	GF	BLDG	G GOVT
153	P WORKS	Mechanical upgrades (Building Maint)	1	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000	GF	BLDG	G GOVT
154	P WORKS	Lighting upgrades to City Buildings, convert to LED lighting (Building Maint)	1	20,000	20,000	15,000				55,000	55,000	GF	BLDG	G GOVT
155	P WORKS	Install generator for Annex (Building Maint)	1	105,000						105,000	105,000	GF	BLDG	G GOVT
156	P WORKS	Replace boilers and air handler in Annex (Building Maint)	1						105,000	105,000	105,000	GF	BLDG	G GOVT
157	P WORKS	Meter Updates/Installation throughout City (Water & Sewer Section)	1	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000	6,000,000	W&S	OTH	P WORKS
158	P WORKS	Storage Facility, Bicentennial Park (PARKS)	1		25,000					25,000	25,000	GF	LAND	P&R
159	P WORKS	Storage Facility, Glendale Land Fill	1			40,000				40,000	40,000	REFUSE	BLDG	P WORKS
160	P WORKS	Selective Slab Replacement (Tree related) (PARKS)	1	120,000	120,000	120,000	120,000	120,000	120,000	720,000	720,000	ROAD	OTH	P WORKS
161	P WORKS	Sidewalk Slab Replacement at City Parks (PARKS)	1	20,000	20,000	20,000	20,000	20,000	20,000	120,000	120,000	ROAD	OTH	P WORKS
162	P WORKS	Update Pickup trucks for various DPW Sections (8)	1	560,000	588,000	617,400	648,270	680,683	714,717	3,809,070	3,809,070	GF	VEH	P WORKS
163	P WORKS	Update service trucks and equipment, Water & Sewer Section	1	800,000	800,000	800,000	800,000	800,000		4,000,000	4,000,000	W&S	VEH	P WORKS
164	P WORKS	Update service vehicles, field work (4 vans), Water & Sewer Section	1	200,000	200,000	200,000	200,000			800,000	800,000	W&S	VEH	P WORKS
165	P WORKS	Single Axle Dump Trucks - (2) total	1		200,000		200,000			400,000	400,000	ROAD	VEH	P WORKS
166	P WORKS	Single Axle Dump Trucks with Swamp Loaders - (4) total	1		500,000	500,000				1,000,000	1,000,000	W&S	VEH	P WORKS
167	P WORKS	Tandem Dump Trucks - (2) total	1			540,000				540,000	540,000	ROAD	VEH	P WORKS
168	P WORKS	New Salt Dome with Salt Conveyor	1					300,000		300,000	300,000	GF	BLDG	P WORKS
169	P WORKS	Mowers for Parks Section, (2) each year (PARKS)	1	26,000	26,000	26,000	26,000	26,000	26,000	156,000	156,000	GF	VEH	P&R
170	P WORKS	Gators for Parks Section, (2) each year (PARKS)	1	24,000	24,000	24,000	24,000	24,000	24,000	144,000	144,000	GF	VEH	P&R
171	P WORKS	Float tractor for Parks Section (PARKS)	1	15,000		15,000		15,000		45,000	45,000	GF	VEH	P&R
172	P WORKS	John Deere tractors for Parks Section, (3) each year (PARKS)	1				75,000	75,000	75,000	225,000	225,000	GF	VEH	P&R
173	P WORKS	Backhoes for multiple Sections, DPW	1		100,000	100,000				200,000	200,000	GF	VEH	G GOVT
174	P WORKS	Chippers for Roads Section, (5) total	1		90,000	180,000	180,000			450,000	450,000	ROAD	VEH	P WORKS
175	P WORKS	Update Leaf Equipment, 2 each year (12 total)	1	60,000	60,000	60,000	60,000	60,000	60,000	360,000	360,000	REFUSE	VEH	P WORKS
176	P WORKS	Self-contained Leaf Vacuums, (3) total	1		100,000	100,000	100,000			300,000	300,000	REFUSE	VEH	P WORKS
177	P WORKS	Update claw machine for leaf season, (3) total	1		15,000	15,000	15,000			45,000	45,000	REFUSE	VEH	P WORKS

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY DEPARTMENT
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
178	P WORKS	Street Sweeper	1		275,000					275,000	275,000	ROAD	VEH	P WORKS
179	P WORKS	Reroof Fire #1 (Building Maint)	1						200,000	200,000	200,000	GF	BLDG	P SAFETY
180	P WORKS	Repair or replace boiler expansion tank (Building Maint)	1	20,000						20,000	20,000	GF	BLDG	G GOVT
181	P WORKS	Replace HVAC equipment at Kingsley & Shaw Houses (Building Maint)	1	15,000						15,000	15,000	GF	BLDG	G GOVT
182	P WORKS	Replace HVAC equipment in Building #012, 8 -RTUs (Building Maint)	1			140,000				140,000	140,000	GF	BLDG	P WORKS
183	P WORKS	Replace two (2) boilers in Building #012 (Building Maint)	1				60,000			60,000	60,000	GF	BLDG	P WORKS
184	P WORKS	Replace HVAC equipment in Building #013 (Building Maint)	1					75,000		75,000	75,000	GF	BLDG	P WORKS
185	P WORKS	Replace City Hall and Civic Center Library Fire Alarm Panels	1	75,000						75,000	75,000	GF	BLDG	G GOVT
186	P WORKS	Replace Fire #1, #3, & #4 Overhead Doors (16) [Building Maint]	1	176,000						176,000	176,000	GF	BLDG	P SAFETY
187	P WORKS	Replace electrical panels in Annex (Building Maint)	1	25,000						25,000	25,000	GF	BLDG	G GOVT
188	P WORKS	Reseal Civic Center Library atrium lights (Building Maint)	1	25,000						25,000	25,000	LIB	BLDG	G GOVT
189	P WORKS	Insulate outer tower office walls at City Hall (Building Maint)	1	20,000						20,000	20,000	GF	BLDG	G GOVT
190	P WORKS	Replace ceramic floor tile in City Hall lobby (Building Maint)	1			115,000				115,000	115,000	GF	BLDG	G GOVT
191	P WORKS	Concrete grinding machine	1		75,000					75,000	75,000	ROAD	EQPT	P WORKS
192	P WORKS	Water & Sewer Building	1	4,000,000						4,000,000	4,000,000	W&S	BLDG	P WORKS
193	P WORKS	Computers, monitors, desktops, software, miscellaneous updates	2	5,000	5,000	5,000	5,000	5,000	5,000	30,000	30,000	GF	TECH	P WORKS
194	P WORKS	Furniture	2	5,000		5,000		5,000		15,000	15,000	GF	OTH	P WORKS
195	P WORKS	Computers updated: larger monitors; Scanner and Copier purchased for Equipment Maintenance Section	2		5,000		3,000		3,000	11,000	11,000	GF	TECH	P WORKS
196	P WORKS	Air Conditioning installed Equipment Maintenance Section	2		25,000					25,000	25,000	GF	BLDG	P WORKS
197	P WORKS	Mezzanine Lift for Equipment Maintenance Section	2	40,000						40,000	40,000	GF	EQPT	P WORKS
198	P WORKS	Truck tire changer for Equipment Maintenance Section	2	30,000						30,000	30,000	GF	EQPT	P WORKS
199	P WORKS	Replace 2 RTUs and 2 boilers at Fire #34 (Building Maint)	2					115,000		115,000	115,000	GF	BLDG	P SAFETY
200	P WORKS	Replace RTU at LPD (Building Maint)	2					115,000		115,000	115,000	GF	BLDG	P SAFETY
201	P WORKS	Hydro Excavator (Water & Sewer Section)	2			300,000				300,000	300,000	W&S	EQPT	P WORKS
202	P WORKS	Tablets and software for all employees in field (Water & Sewer Section)	2	5,000	5,000	5,000	5,000			20,000	20,000	W&S	TECH	P WORKS
203	P WORKS	LED lighting at all parking lots for Parks (PARKS)	2	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000	GF	LAND	P&R
204	P WORKS	Upgrade ball diamond lighting, Bicentennial Park (PARKS)	2			200,000				200,000	200,000	GF	LAND	P&R
205	P WORKS	Upgrade ball diamond lighting, Ford Field (Parks Section)(PARKS)	2				200,000			200,000	200,000	GF	LAND	P&R
206	P WORKS	Upgrade Comfort Station, Ford Field (PARKS)	2			50,000				50,000	50,000	GF	LAND	P&R
207	P WORKS	Upgrade Comfort Station, Rotary Park (PARKS)	2				50,000			50,000	50,000	GF	LAND	P&R
208	P WORKS	Tennis Court Rehabilitation throughout City (PARKS)	2	100,000	100,000	100,000	100,000	100,000	100,000	600,000	600,000	GF	LAND	P&R
209	P WORKS	Walking Path improvements at City Parks (PARKS)	2		100,000					100,000	100,000	GF	PAV	P&R
210	P WORKS	Parking lot restriping at parking lots of City parks (PARKS)	2		15,000	15,000	15,000	15,000	15,000	75,000	75,000	ROAD	PAV	P&R
211	P WORKS	Software upgrades, updates and computers (Sign Shop)	2				40,000			40,000	40,000	GF	TECH	P WORKS
212	P WORKS	Catch basin structure rebuilds at City parks (PARKS)	2		30,000	30,000	30,000	30,000	30,000	150,000	150,000	W&S	W&S	P&R

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY DEPARTMENT
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
213	P WORKS	Aerial Lift for Forestry Section	2				200,000			200,000	200,000	GF	VEH	P WORKS
214	P WORKS	Aerial bucket vans for Building Maint Section - (2) total	2				120,000	120,000		240,000	240,000	GF	VEH	P WORKS
215	P WORKS	Excavator for Water & Sewer Section	2		175,000					175,000	175,000	W&S	W&S	P WORKS
216	P WORKS	Trailer for Excavator for Water & Sewer Section	2		30,000					30,000	30,000	W&S	W&S	P WORKS
217	P WORKS	Install generator at Senior Center (Building Maint)	2			110,000				110,000	110,000	GF	BLDG	G GOVT
218	P WORKS	Reroof Sections I, G, H, E & F at Senior Center (Building Maint)	2			130,000				130,000	130,000	GF	BLDG	G GOVT
219	P WORKS	Reroof Noble Library (Building Maint)	2					175,000		175,000	175,000	LIB	BLDG	G GOVT
220	P WORKS	Replace boiler and A/C at Noble Library (Building Maint)	2			95,000				95,000	95,000	GF	BLDG	G GOVT
221	P WORKS	Replace boiler at Sandburg Library (Building Maint)	2			25,000				25,000	25,000	LIB	BLDG	G GOVT
222	P WORKS	Replace HVAC equipment on Senior Center (Building Maint)	2		35,000					35,000	35,000	GF	BLDG	G GOVT
223	P WORKS	Replace RTU on Fleet Maintenance (Building Maint)	2				15,000			15,000	15,000	GF	BLDG	P WORKS
224	P WORKS	Replace HVAC equipment at Store & Bungalow (Building Maint)	2		14,000					14,000	14,000	GF	BLDG	P WORKS
225	P WORKS	Replace Fire #5 and 6 and Parks Maintenance Building Overhead Doors (Building Maint)	2		143,000					143,000	143,000	GF	BLDG	P SAFETY
226	P WORKS	Replace overhead heaters in Roads Barn (Building Maint)	2				150,000			150,000	150,000	GF	BLDG	P WORKS
227	P WORKS	Replace electrical panels in LPD (Building Maint)	2		40,000					40,000	40,000	GF	BLDG	P SAFETY
228	P WORKS	Clean and restore exterior of Civic Center Library (Building Maint)	2		50,000					50,000	50,000	LIB	BLDG	G GOVT
229	P WORKS	Footing Drain Disconnect Program	2	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	3,000,000	W&S	W&S	P WORKS
230	P WORKS	Larger Sized Roller	2		150,000					150,000	150,000	ROAD	EQPT	P WORKS
231	P WORKS	Small Sized Roller	2			75,000				75,000	75,000	ROAD	EQPT	P WORKS
232	P WORKS	Skid steer loader, plus attachments	2			120,000				120,000	120,000	GF	EQPT	P WORKS
233	P WORKS	Cement saw	2				25,000			25,000	25,000	ROAD	EQPT	P WORKS
234	P WORKS	Carpeting throughout DPW buildings	3	3,000		3,000		3,000	3,000	12,000	12,000	GF	OTH	P WORKS
235	P WORKS	Complete tool boxes for Mechanics for Equipment Maintenance Section (2-3 minimum)	3	10,000		10,000		10,000		30,000	30,000	GF	EQPT	P WORKS
236	P WORKS	Indoor wash rack for Washing of W&S Equipment	3			200,000				200,000	200,000	W&S	BLDG	P WORKS
237	P WORKS	Update picnic pavilions at City Parks (PARKS)	3	20,000	20,000	20,000	20,000	20,000	20,000	120,000	120,000	GF	LAND	P&R
238	P WORKS	Update play structures at City Parks (PARKS)	3	50,000	50,000	50,000	50,000	50,000	50,000	300,000	300,000	GF	OTH	P&R
239	P WORKS	Pool Bathhouse Rehabilitation, City Pools (PARKS)	3			500,000	500,000	500,000		1,500,000	1,500,000	GF	OTH	P&R
240	P WORKS	Install generator for Building #013 (Building Maint)	3				120,000			120,000	120,000	GF	BLDG	G GOVT
241	P WORKS	Reroof Parks Maint Garages at Bicentennial and Rotary Parks (Building Maint)	3				15,000			15,000	15,000	GF	BLDG	G GOVT
242	P WORKS	Reroof Sandburg Library (Building Maint)	3					195,000		195,000	195,000	LIB	BLDG	G GOVT
243	P WORKS	Reroof Civic Center Parks Maintenance Building (Building Maint)	3						90,000	90,000	90,000	GF	BLDG	P&R
244	P WORKS	Replace HVAC equipment at Hinbern House & Garage (Building Maint)	3			12,000				12,000	12,000	GF	BLDG	G GOVT
245	P WORKS	Replace HVAC equipment at Carriage House & School (Building Maint)	3				16,000			16,000	16,000	GF	BLDG	G GOVT
246	P WORKS	Replace HVAC equipment in Blue House (Building Maint)	3					25,000		25,000	25,000	GF	BLDG	G GOVT
247	P WORKS	Replace Building #013 Overhead doors [8] (Building Maint)	3			56,000				56,000	56,000	GF	BLDG	P WORKS

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY DEPARTMENT
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
248	P WORKS	Replace Building #012 and #019 overhead doors [8] (Building Maint)	3				60,000			60,000	60,000	GF	BLDG	P WORKS
249	P WORKS	Property Acquisition	3		250,000					250,000	250,000	MULT	LAND	P WORKS
250		PUBLIC WORKS TOTAL		\$ 9,524,000	\$ 6,730,000	\$ 7,763,400	\$ 6,167,270	\$ 5,618,683	\$ 3,560,717	\$ 39,364,070	\$ 39,364,070			
251	PARKS	Fitness Equipment 1/4 of cardio (20)	1	100,000	100,000	105,000	105,000	105,000	105,000	620,000	620,000	P&R	EQPT	P&R
252	PARKS	Botsford Pool Bath House renovation	1	50,000						0	50,000	GRANT	BLDG	P&R
253	PARKS	Botsford Pool Re-marcite	1	40,000						0	40,000	GRANT	LAND	P&R
254	PARKS	Ford Field Light Poles WC 9	1		35,000			100,000		0	135,000	GRANT	EQPT	P&R
255	PARKS	Clements Circle Bathhouse renovation WC 8	1		24,000	13,000	13,000			11,000	50,000	GRANT	BLDG	P&R
256	PARKS	Idyl Wyld Greens Roller	1						15,000	15,000	15,000	GOLF	EQPT	P&R
257	PARKS	Idyl Wyld Greens Mower	1						28,000	28,000	28,000	GOLF	EQPT	P&R
258	PARKS	Fox Creek Bunker Rake	1				25,000			25,000	25,000	GOLF	EQPT	P&R
259	PARKS	Fox Creek Utility Cart	1				20,000			20,000	20,000	GOLF	EQPT	P&R
260	PARKS	Fox Creek Rainbird Satellite Boxes	1				18,000	10,000		28,000	28,000	GOLF	EQPT	P&R
261	PARKS	Whispering Willows Fairway & Trim Mowers	1				60,000			60,000	60,000	GOLF	EQPT	P&R
262	PARKS	Idyl Wyld Rough & Tee Mowers	1				78,000			78,000	78,000	GOLF	EQPT	P&R
263	PARKS	Fox Creek Pump Station	1					180,000		180,000	180,000	GOLF	EQPT	P&R
264	PARKS	Whispering Willows Greens Mower	1					25,000		25,000	25,000	GOLF	EQPT	P&R
265	PARKS	Whispering Willows Sprayer	1					30,000		30,000	30,000	GOLF	EQPT	P&R
266	PARKS	Idyl Wyld Trap Rake	1					25,000		25,000	25,000	GOLF	EQPT	P&R
267	PARKS	Fox Creek Green & Tee Mowers	1			56,000			28,000	84,000	84,000	GOLF	EQPT	P&R
268	PARKS	Fox Creek Greens Roller	1			13,000			13,000	26,000	26,000	GOLF	EQPT	P&R
269	PARKS	Idyl Wyld Fairway Mower	1			30,000				30,000	30,000	GOLF	EQPT	P&R
270	PARKS	Fox Creek Sidewinder	1		36,000					36,000	36,000	GOLF	EQPT	P&R
271	PARKS	Fox Creek Utility Cart	1		10,000					10,000	10,000	GOLF	EQPT	P&R
272	PARKS	Fox Creek Drainage #7 & 13	1		25,000					25,000	25,000	GOLF	LAND	P&R
273	PARKS	Whispering Willows Utility Cart	1		25,000					25,000	25,000	GOLF	EQPT	P&R
274	PARKS	Whispering Willows Fairway Mower	1		25,000					25,000	25,000	GOLF	EQPT	P&R
275	PARKS	Whispering Willows Greens Roller	1		15,000				15,000	30,000	30,000	GOLF	EQPT	P&R
276	PARKS	Idyl Wyld Tee Mower	1		28,000					28,000	28,000	GOLF	EQPT	P&R
277	PARKS	Idyl Wyld Cart Path Repairs	1		5,000					5,000	5,000	GOLF	LAND	P&R
278	PARKS	Whispering Willows Rough Mower	1			50,000				50,000	50,000	GOLF	EQPT	P&R
279	PARKS	Idyl Wyld Tractor	1	14,000						14,000	14,000	GOLF	EQPT	P&R
280	PARKS	Idyl Wyld Backhoe	1	7,000						7,000	7,000	GOLF	EQPT	P&R
281	PARKS	Idyl Wyld #18 Bridge repairs	1	20,000						20,000	20,000	GOLF	LAND	P&R
282	PARKS	Fox Creek Rough Mower	1	50,000						50,000	50,000	GOLF	EQPT	P&R

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY DEPARTMENT
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
283	PARKS	Fox Creek Irrigation Computer & Software	1	10,000						10,000	10,000	GOLF	TECH	P&R
284	PARKS	Fox Creek Cart Path Repairs	1	8,000						8,000	8,000	GOLF	LAND	P&R
285	PARKS	Fox Creek pavers around clubhouse	1	7,000						7,000	7,000	GOLF	LAND	P&R
286	PARKS	Whispering Willows Greens Mower	1	25,000						25,000	25,000	GOLF	EQPT	P&R
287	PARKS	Whispering Willows Irrigation Computer & Software	1	10,000						10,000	10,000	GOLF	TECH	P&R
288	PARKS	Whispering Willows Pond Intake Repairs	1	10,000						10,000	10,000	GOLF	LAND	P&R
289	PARKS	Whispering Willows & Tin Cup signage	1	10,000						10,000	10,000	GOLF	BLDG	P&R
290	PARKS	Whispering Willows bunker sand	1	6,000						6,000	6,000	GOLF	LAND	P&R
291	PARKS	Idyl Wyld #15 Culvert	1					5,000		5,000	5,000	GOLF	LAND	P&R
292	PARKS	Duct Cleaning	2	25,000	25,000	15,000	15,000			80,000	80,000	P&R	OTH	P&R
293	PARKS	Pool Motors/Slide	2		7,500	7,500		7,500	7,500	30,000	30,000	P&R	EQPT	P&R
294	PARKS	Carpet/rubber floor fit hub	2		20,000				40,000	60,000	60,000	P&R	BLDG	P&R
295	PARKS	Floor scrubber	2		10,000				10,000	20,000	20,000	P&R	EQPT	P&R
296	PARKS	Pool Filter Media Replacement	2		20,000					20,000	20,000	P&R	EQPT	P&R
297	PARKS	Marquee Replacement	2		50,000					50,000	50,000	P&R	EQPT	P&R
298	PARKS	Computers	2	8,000	8,000	8,000	8,000	8,000	8,000	48,000	48,000	P&R	TECH	P&R
299	PARKS	Rotary Park Trail Directional Signs WC 9	2		5,000					0	5,000	GRANT	LAND	P&R
300	PARKS	Compton Park shade structures & bleachers WC 8	2	13,000						0	13,000	GRANT	EQPT	P&R
301	PARKS	Greenmead Dog Park WC 9	2		60,000					0	60,000	GRANT	LAND	P&R
302	PARKS	Pride's Court playground structure CDBG	2		35,000					0	35,000	GRANT	LAND	P&R
303	PARKS	Fox Creek Rainbird Satellite Boxes	2			9,000			20,000	29,000	29,000	GOLF	EQPT	P&R
304	PARKS	Idyl Wyld Building Repairs	2			20,000				20,000	20,000	GOLF	BLDG	P&R
305	PARKS	Idyl Wyld Battery Replacement for Electric Carts	2			5,000				5,000	5,000	GOLF	EQPT	P&R
306	PARKS	Idyl Wyld Paving	2		20,000					20,000	20,000	GOLF	LAND	P&R
307	PARKS	Idyl Wyld Drainage repairs	2		5,000					5,000	5,000	GOLF	LAND	P&R
308	PARKS	Idyl Wyld Pro Shop Updates	2		6,000					6,000	6,000	GOLF	BLDG	P&R
309	PARKS	Whispering Willows Utility Cart	2			8,000			34,000	42,000	42,000	GOLF	EQPT	P&R
310	PARKS	Idyl Wyld Buck for Tractor	2	3,000						3,000	3,000	GOLF	EQPT	P&R
311	PARKS	Idyl Wyld Tees & drainage	2	20,000						20,000	20,000	GOLF	LAND	P&R
312	PARKS	Devon Aire Arena Roof	2			150,000				150,000	150,000	P&R	BLDG	P&R
313	PARKS	LCRC Parking Lot	2				50,000	50,000	50,000	150,000	150,000	P&R	LAND	P&R
314	PARKS	Furniture - Check in desk areas	3		10,000	10,000	10,000	10,000	10,000	50,000	50,000	P&R	EQPT	P&R
315	PARKS	Parking lot Mill and replace	3					120,000		120,000	120,000	P&R	LAND	P&R
316	PARKS	Skate Park Ramps	3				20,000		20,000	40,000	40,000	P&R	EQPT	P&R
317	PARKS	Walking trail replacement	3				45,000			45,000	45,000	P&R	EQPT	P&R

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY DEPARTMENT
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
318	PARKS	Inline Fence	3				15,000			15,000	15,000	P&R	EQPT	P&R
319	PARKS	Sidewalk replacement	3		10,000		10,000		10,000	30,000	30,000	P&R	LAND	P&R
320	PARKS	Botsford Pool Splash Pad WC 9	3						300,000	50,000	300,000	GRANT	LAND	P&R
321	PARKS	Compton Park basketball courts WC 8	3					13,000		0	13,000	GRANT	EQPT	P&R
322	PARKS	Golfview Nature Preserve signage WC 9	3			10,000				0	10,000	GRANT	LAND	P&R
323	PARKS	Dooley Park trail resurfacing	3						13,000	0	13,000	GRANT	LAND	P&R
324	PARKS	Castle Gardens play structure WC9	3				75,000			0	75,000	GRANT	EQPT	P&R
325	PARKS	Hillcrest Park trail to structure WC 9	3			25,000				0	25,000	GRANT	LAND	P&R
326	PARKS	Liner for Leisure Pool	4				100,000			100,000	100,000	P&R	EQPT	P&R
327	PARKS	Parking Lot Sealer 117,000 sq. ft. reline	4		12,000					12,000	12,000	P&R	LAND	P&R
328	PARKS	Tree Fort Reconfiguration	4				40,000			40,000	40,000	P&R	EQPT	P&R
329	PARKS	Resurface Outdoor Rink	4		10,000					10,000	10,000	P&R	LAND	P&R
330	PARKS	SelectORIZED weigh machines (16)	4				110,000			110,000	110,000	P&R	EQPT	P&R
331	PARKS	Nottingham West play structure CDBG	4					35,000		0	35,000	GRANT	EQPT	P&R
332	PARKS	Elm Field play structure CDBG	4				35,000			0	35,000	GRANT	EQPT	P&R
333	PARKS	Dover Park play structure CDBG	4			35,000				0	35,000	GRANT	EQPT	P&R
334	PARKS	Ford Field batting cages WC 9	4						20,000	0	20,000	GRANT	EQPT	P&R
335	PARKS	Ford Field Disc Golf WC 9	4				15,000			0	15,000	GRANT	EQPT	P&R
336	PARKS	McCann Park drainage WC 9	4			50,000				0	50,000	GRANT	LAND	P&R
337		PARKS & RECREATION TOTAL			\$ 436,000	\$ 641,500	\$ 619,500	\$ 867,000	\$ 723,500	\$ 746,500	\$ 3,081,000	\$ 4,034,000		
338	POLICE	Vehicles	1	481,000	\$ 505,100	\$ 530,300	\$ 556,800	\$ 584,700	\$ 613,900	2,159,400	3,271,800	MULT	VEH	P SAFETY
339	POLICE	LPD Lobby Renovation	1	275,000						275,000	275,000	GF	BLDG	P SAFETY
340	POLICE	EOC Computer System	1	20,000						20,000	20,000	GF	EQPT	P SAFETY
341	POLICE	Cental Records Carpet	1	11,400						11,400	11,400	GF	BLDG	P SAFETY
342	POLICE	Computer Network Server	1	15,000						15,000	15,000	GF	TECH	P SAFETY
343	POLICE	In-Car Modems	1	45,000						45,000	45,000	GF	TECH	P SAFETY
344	POLICE	Computers	1	42,600						42,600	42,600	GF	TECH	P SAFETY
345	POLICE	Overheads	1	28,000						28,000	28,000	GF	VEH	P SAFETY
346	POLICE	Forensic Computer	1	14,750						14,750	14,750	GF	TECH	P SAFETY
347	POLICE	Rifles	1	15,000						0	15,000	FORF	EQPT	P SAFETY
348	POLICE	Night Vision	1	24,000						0	24,000	FORF	EQPT	P SAFETY
349	POLICE	GPS Trackers	1	22,000						0	22,000	FORF	EQPT	P SAFETY
350	POLICE	Prep Radios	1	48,000						0	48,000	911	EQPT	P SAFETY
351	POLICE	LPD Building Duct Work Cleaning	1	25,000						25,000	25,000	GF	BLDG	P SAFETY
352	POLICE	AED's for Scout cars	1	76,000						0	76,000	FORF	EQPT	P SAFETY

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY DEPARTMENT
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit	
				2016	2017	2018	2019	2020	2021						
353	POLICE	New Police Complex	1						30,000,000	30,000,000	30,000,000	MULT	BLDG	P SAFETY	
354	POLICE	Email & Internet Server	1		50,000					50,000	50,000	GF	TECH	P SAFETY	
355	POLICE	Desktop Computers	1			50,000		50,000		100,000	100,000	GF	TECH	P SAFETY	
356	POLICE	Mobile Data Computer (In-Car) Replacement	1				180,000			180,000	180,000	GF	TECH	P SAFETY	
357	POLICE	In-Car Video System Replacement	1			300,000				300,000	300,000	GF	TECH	P SAFETY	
358	POLICE	Carport Painting	1		50,000					50,000	50,000	GF	BLDG	P SAFETY	
359	POLICE	Mobile and Prep Radios	1		40,000					0	40,000	911	EQPT	P SAFETY	
360	POLICE	Renovate Current Police Complex	2						15,000,000	15,000,000	15,000,000	MULT	BLDG	P SAFETY	
361	POLICE	Detective Bureau Paint & Carpeting	2				20,000			20,000	20,000	GF	BLDG	P SAFETY	
362	POLICE	Renovate and Expand the Crime Scene Lab and Office	2					1,000,000		1,000,000	1,000,000	GF	BLDG	P SAFETY	
363	POLICE	Body Cameras and Storage Solution	2		600,000					600,000	600,000	GF	TECH	P SAFETY	
364	POLICE	Replace In-Building Lighting w/LED	2			150,000				150,000	150,000	GF	BLDG	P SAFETY	
365	POLICE	Wireless Network for Police Campus	3		50,000					50,000	50,000	GF	TECH	P SAFETY	
366	POLICE	Renovate the Lock-up Facility	3			500,000				500,000	500,000	GF	BLDG	P SAFETY	
367	POLICE	Renovate and Expand the Intelligence Bureau	3					1,000,000		500,000	1,000,000	MULT	BLDG	P SAFETY	
368	POLICE	Replacement Tasers	3		175,000					175,000	175,000	GF	EQPT	P SAFETY	
369	POLICE	Rifle Range Baffle System	3		350,000					0	350,000	FORF	BLDG	P SAFETY	
370	POLICE	Renovate Admin- Carpeting, and Furniture	3		50,000					50,000	50,000	GF	BLDG	P SAFETY	
371	POLICE	Renovate and Expand the Dispatch Center and Consoles	4			1,500,000				500,000	1,500,000	MULT	BLDG	P SAFETY	
372	POLICE	Replacement Handguns	4		75,000					75,000	75,000	GF	EQPT	P SAFETY	
373	POLICE	Renovate Main Detective Bureau	5			30,000				30,000	30,000	GF	BLDG	P SAFETY	
374	POLICE	Forensic Computer Lab	5			100,000				100,000	100,000	GF	TECH	P SAFETY	
375	POLICE	Landscaping for the Gun Range	5		20,000					10,000	20,000	MULT	BLDG	P SAFETY	
376	POLICE	Renovate the Polygraph, Special Victims Unit, SRO Area	5			150,000				150,000	150,000	GF	BLDG	P SAFETY	
377		POLICE TOTAL			\$ 1,142,750	\$ 1,965,100	\$ 3,310,300	\$ 756,800	\$ 2,634,700	\$ 45,613,900	\$ 52,226,150				
378		GRAND TOTAL			\$ 20,709,626	\$ 24,129,806	\$ 26,367,106	\$ 19,011,976	\$ 19,874,689	\$ 62,618,887	\$ 156,837,090	\$ 172,712,090			

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY FUNDING SOURCE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
1	POLICE	Prep Radios	1	\$ 48,000						0	48,000	911	EQPT	P SAFETY
2	POLICE	Mobile and Prep Radios	1		40,000					0	40,000	911	EQPT	P SAFETY
3		911 FEES TOTAL		\$ 48,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 88,000			
4	HOUSING	Newburgh Village #2 Bonds	1		4,000,000	4,000,000				0	8,000,000	BOND	OTH	HOUS
5		BONDS TOTAL		\$ -	\$ 4,000,000	\$ 4,000,000	\$ -	\$ -	\$ -	\$ -	\$ 8,000,000			
6	POLICE	Rifles	1	\$ 15,000						0	15,000	FORF	EQPT	P SAFETY
7	POLICE	Night Vision	1	\$ 24,000						0	24,000	FORF	EQPT	P SAFETY
8	POLICE	GPS Trackers	1	\$ 22,000						0	22,000	FORF	EQPT	P SAFETY
9	POLICE	AED's for Scout cars	1	\$ 76,000						0	76,000	FORF	EQPT	P SAFETY
10	POLICE	Rifle Range Baffle System	3		350,000					0	350,000	FORF	BLDG	P SAFETY
11		ADJUDICATED FORFEITURES TOTAL		\$ 137,000	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 487,000			
12	COM RES	Storm Sewers - underground drainage	4						194,000	194,000	194,000	GF	W&S	P WORKS
13	ENGINEER	Sidewalk Repairs	1	435,000	475,000	500,000	550,000	600,000	650,000	3,210,000	3,210,000	GF	PAV	P WORKS
14	ENGINEER	Parking Lot Striping	1	10,000	15,000	10,000	15,000	10,000	15,000	75,000	75,000	GF	PAV	P WORKS
15	ENGINEER	Parking Lot Repairs and Paving	1	30,000	50,000	50,000	30,000	50,000	50,000	260,000	260,000	GF	PAV	P WORKS
16	ENGINEER	Storm Sewer Repairs (Outfalls)	1	10,000		15,000		20,000		45,000	45,000	GF	OTH	P WORKS
17	ENGINEER	Detention Basin Maintenance	1	15,000	30,000	30,000	30,000	30,000	30,000	165,000	165,000	GF	OTH	P WORKS
18	ENGINEER	Modernization of Conference Rooms to include Smart Board displays, etc.	2	5,000						5,000	5,000	GF	OTH	P WORKS
19	ENGINEER	Update all computer software and obtain tablets for Engineering Inspectors	2	5,000	5,000		5,000			15,000	15,000	GF	TECH	P WORKS
20	ENGINEER	Obtain new KIP Scanner/Copier	2		15,000					15,000	15,000	GF	TECH	P WORKS
21	ENGINEER	Rear Yard Drainage Issues	2	40,000	40,000	40,000	40,000	40,000	40,000	240,000	240,000	GF	OTH	P WORKS
22	ENGINEER	Replace (1) Pickup truck for field use	2			55,000				55,000	55,000	GF	VEH	P WORKS
23	ENGINEER	Computer Equipment/Printers/Office Supplies/Camera	2	5,000		6,500		7,500		3,000	19,000	GF	TECH	P WORKS
24	ENGINEER	Bike Path Program & Lanes throughout City	2	50,000	100,000	100,000	100,000	100,000	100,000	550,000	550,000	GF	PAV	TRSP
25	ENGINEER	Replace (2) vehicles [Cars]	3			30,000		30,000		60,000	60,000	GF	VEH	P WORKS
26	FIRE	Fire Station #6 - Apparatus Garage Addition	1	695,000						695,000	695,000	GF	BLDG	P SAFETY
27	FIRE	Replacement Fire Engine Pumper (2 units)	1	980,000						980,000	980,000	GF	BLDG	P SAFETY
28	FIRE	Station #4 Terrazzo Floor Repair	2	48,000						48,000	48,000	GF	BLDG	P SAFETY
29	FIRE	FD Utility Pickup Truck	3	35,000						35,000	35,000	GF	VEH	P SAFETY
30	FIRE	Zoll Cardia Monitor/Defibrillator	3	30,000						30,000	30,000	GF	EQPT	P SAFETY
31	FIRE	Fire Station #1 - building addition, Training/Admin offices	1		1,350,000					1,350,000	1,350,000	GF	BLDG	P SAFETY
32	FIRE	Replacement LADDER 1	1			800,000				800,000	800,000	GF	VEH	P SAFETY
33	FIRE	Replacement Squad 1 & 5	1				500,000			500,000	500,000	GF	VEH	P SAFETY
34	FIRE	Replacement Squad 6	1					255,000		255,000	255,000	GF	VEH	P SAFETY
35	FIRE	Replacement Squad 3	1						260,000	260,000	260,000	GF	VEH	P SAFETY

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY FUNDING SOURCE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
36	FIRE	Replacement Squad 4	2		245,000					245,000	245,000	GF	VEH	P SAFETY
37	FIRE	Replace BC-1 command vehicle (Suburban)	2			60,000				60,000	60,000	GF	VEH	P SAFETY
38	FIRE	Apparatus Maintenance Vehicle	2				85,000			85,000	85,000	GF	VEH	P SAFETY
39	HOUSING	Exterior Improvements Owner - (P Works) (S. Admin Bldg.)	3	41,669	41,669	41,669	41,669	41,669	41,655	250,000	250,000	GF	BLDG	P WORKS
40	INSP	Conversion & Indexing of files to laserfiche (INSPECTION & ORDINANCE)	1		176,900					176,900	176,900	GF	TECH	INSP
41	INSP	Conversion & Indexing of files to laserfiche (Zoning Board of Appeals)	1		40,000					40,000	40,000	GF	TECH	INSP
42	INSP	Planning of New City Hall	2		150,000					150,000	150,000	GF	LAND	G GOVT
43	INSP	Conversion & Indexing of files to laserfiche (INSPECTION & ORDINANCE)	1			36,600				36,600	36,600	GF	TECH	INSP
44	INSP	Office Furniture (Inspection & Ordinance)	2				100,000			100,000	100,000	GF	EQPT	INSP
45	INSP	New City Vehicles	2						400,000	400,000	400,000	GF	VEH	INSP
46	IS	Replace two Servers	1	8,200						8,200	8,200	GF	TECH	G GOVT
47	IS	LaserFiche Web Portal	1	30,000						30,000	30,000	GF	TECH	G GOVT
48	IS	Fiber	1	15,000						15,000	15,000	GF	TECH	G GOVT
49	IS	Fiber	1	130,349						130,349	130,349	GF	TECH	G GOVT
50	IS	Security Cameras	1	62,521						62,521	62,521	GF	TECH	G GOVT
51	IS	Microsoft Office 365 E3 Plan	1	24,500						24,500	24,500	GF	TECH	G GOVT
52	IS	Microsoft Office Licensing	1	68,250						68,250	68,250	GF	TECH	G GOVT
53	IS	Microsoft Core CAL Licensing	1	71,750						71,750	71,750	GF	TECH	G GOVT
54	IS	Replace Server Virtual Environment and SAN	1		110,000					110,000	110,000	GF	TECH	G GOVT
55	IS	Replace UPS for Computer Room	2			25,000				25,000	25,000	GF	TECH	G GOVT
56	IS	Replace Liebert AC in Computer Room	2				12,000			12,000	12,000	GF	TECH	G GOVT
57	IS	Upgrade City Hall to Cat-6 Cabling	2				125,000			125,000	125,000	GF	TECH	G GOVT
58	IS	Upgrade Library to Cat-6 Cabling	2					80,000		80,000	80,000	GF	TECH	G GOVT
59	IS	Expand Wi-Fi	3		10,000			50,000		60,000	60,000	GF	TECH	G GOVT
60	IS	Develop a Mobile App	3		12,500					12,500	12,500	GF	TECH	G GOVT
61	IS	Implement Office 365	1		92,000					92,000	92,000	GF	TECH	G GOVT
62	IS	Replace/Upgrade Phone System	3		450,000					450,000	450,000	GF	TECH	G GOVT
63	IS	Develop Disaster Recovery Location	4					150,000		150,000	150,000	GF	TECH	G GOVT
64	IS	Expand Security Camera System	3		12,000	12,000	45,000	5,000		74,000	74,000	GF	TECH	G GOVT
65	P WORKS	Modernize Conference Rooms to include Smart Board displays, beverage cooler, ceiling projectors, updated televisions, etc.	1	5,000						5,000	5,000	GF	OTH	P WORKS
66	P WORKS	Security System to include cameras, swipe cards, locked gates and doors at DPW Yard	1	55,000						55,000	55,000	GF	BLDG	P WORKS
67	P WORKS	Cement work and repair of parking lot for Equipment Maintenance Section	1		175,000					175,000	175,000	GF	LAND	P WORKS
68	P WORKS	(3) Hoists with hydraulic front posts for Equipment Maintenance Section	1	40,000		40,000		40,000		120,000	120,000	GF	EQPT	P WORKS
69	P WORKS	(2) Complete sets, portable jacks for Equipment Maintenance Section	1	100,000	100,000					200,000	200,000	GF	EQPT	P WORKS

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY FUNDING SOURCE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
70	P WORKS	Larger capacity propane tank for Equipment Maintenance Section	1			30,000				30,000	30,000	GF	EQPT	P WORKS
71	P WORKS	Replace HVAC air handler units, City Hall (Building Maint)	1	750,000						750,000	750,000	GF	BLDG	G GOVT
72	P WORKS	Complete Energy Management Upgrade to Honeywell system for all out buildings (Building Maint)	1	100,000	75,000	50,000				225,000	225,000	GF	BLDG	G GOVT
73	P WORKS	Mechanical upgrades (Building Maint)	1	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000	GF	BLDG	G GOVT
74	P WORKS	Lighting upgrades to City Buildings, convert to LED lighting (Building Maint)	1	20,000	20,000	15,000				55,000	55,000	GF	BLDG	G GOVT
75	P WORKS	Install generator for Annex (Building Maint)	1	105,000						105,000	105,000	GF	BLDG	G GOVT
76	P WORKS	Replace boilers and air handler in Annex (Building Maint)	1						105,000	105,000	105,000	GF	BLDG	G GOVT
77	P WORKS	Storage Facility, Bicentennial Park (PARKS)	1		25,000					25,000	25,000	GF	LAND	P&R
78	P WORKS	Update Pickup trucks for various DPW Sections (8)	1	560,000	588,000	617,400	648,270	680,683	714,717	3,809,070	3,809,070	GF	VEH	P WORKS
79	P WORKS	New Salt Dome with Salt Conveyor	1					300,000		300,000	300,000	GF	BLDG	P WORKS
80	P WORKS	Mowers for Parks Section, (2) each year (PARKS)	1	26,000	26,000	26,000	26,000	26,000	26,000	156,000	156,000	GF	VEH	P&R
81	P WORKS	Gators for Parks Section, (2) each year (PARKS)	1	24,000	24,000	24,000	24,000	24,000	24,000	144,000	144,000	GF	VEH	P&R
82	P WORKS	Float tractor for Parks Section (PARKS)	1	15,000		15,000		15,000		45,000	45,000	GF	VEH	P&R
83	P WORKS	John Deere tractors for Parks Section, (3) each year (PARKS)	1				75,000	75,000	75,000	225,000	225,000	GF	VEH	P&R
84	P WORKS	Backhoes for multiple Sections, DPW	1		100,000	100,000				200,000	200,000	GF	VEH	G GOVT
85	P WORKS	Reroof Fire #1 (Building Maint)	1						200,000	200,000	200,000	GF	BLDG	P SAFETY
86	P WORKS	Repair or replace boiler expansion tank (Building Maint)	1	20,000						20,000	20,000	GF	BLDG	G GOVT
87	P WORKS	Replace HVAC equipment at Kingsley & Shaw Houses (Building Maint)	1	15,000						15,000	15,000	GF	BLDG	G GOVT
88	P WORKS	Replace HVAC equipment in Building #012, 8 -RTUs (Building Maint)	1			140,000				140,000	140,000	GF	BLDG	P WORKS
89	P WORKS	Replace two (2) boilers in Building #012 (Building Maint)	1				60,000			60,000	60,000	GF	BLDG	P WORKS
90	P WORKS	Replace HVAC equipment in Building #013 (Building Maint)	1					75,000		75,000	75,000	GF	BLDG	P WORKS
91	P WORKS	Replace City Hall and Civic Center Library Fire Alarm Panels	1	75,000						75,000	75,000	GF	BLDG	G GOVT
92	P WORKS	Replace Fire #1, #3, & #4 Overhead Doors (16) [Building Maint]	1	176,000						176,000	176,000	GF	BLDG	P SAFETY
93	P WORKS	Replace electrical panels in Annex (Building Maint)	1	25,000						25,000	25,000	GF	BLDG	G GOVT
94	P WORKS	Insulate outer tower office walls at City Hall (Building Maint)	1	20,000						20,000	20,000	GF	BLDG	G GOVT
95	P WORKS	Replace ceramic floor tile in City Hall lobby (Building Maint)	1			115,000				115,000	115,000	GF	BLDG	G GOVT
96	P WORKS	Computers, monitors, desktops, software, miscellaneous updates	2	5,000	5,000	5,000	5,000	5,000	5,000	30,000	30,000	GF	TECH	P WORKS
97	P WORKS	Furniture	2	5,000		5,000		5,000		15,000	15,000	GF	OTH	P WORKS
98	P WORKS	Computers updated: larger monitors; Scanner and Copier purchased for Equipment Maintenance Section	2		5,000		3,000		3,000	11,000	11,000	GF	TECH	P WORKS
99	P WORKS	Air Conditioning installed Equipment Maintenance Section	2		25,000					25,000	25,000	GF	BLDG	P WORKS
100	P WORKS	Mezzanine Lift for Equipment Maintenance Section	2	40,000						40,000	40,000	GF	EQPT	P WORKS
101	P WORKS	Truck tire changer for Equipment Maintenance Section	2	30,000						30,000	30,000	GF	EQPT	P WORKS
102	P WORKS	Replace 2 RTUs and 2 boilers at Fire #34 (Building Maint)	2					115,000		115,000	115,000	GF	BLDG	P SAFETY
103	P WORKS	Replace RTU at LPD (Building Maint)	2					115,000		115,000	115,000	GF	BLDG	P SAFETY
104	P WORKS	LED lighting at all parking lots for Parks (PARKS)	2	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000	GF	LAND	P&R

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY FUNDING SOURCE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
105	P WORKS	Upgrade ball diamond lighting, Bicentennial Park (PARKS)	2			200,000				200,000	200,000	GF	LAND	P&R
106	P WORKS	Upgrade ball diamond lighting, Ford Field (Parks Section)(PARKS)	2				200,000			200,000	200,000	GF	LAND	P&R
107	P WORKS	Upgrade Comfort Station, Ford Field (PARKS)	2			50,000				50,000	50,000	GF	LAND	P&R
108	P WORKS	Upgrade Comfort Station, Rotary Park (PARKS)	2				50,000			50,000	50,000	GF	LAND	P&R
109	P WORKS	Tennis Court Rehabilitation throughout City (PARKS)	2	100,000	100,000	100,000	100,000	100,000	100,000	600,000	600,000	GF	LAND	P&R
110	P WORKS	Walking Path improvements at City Parks (PARKS)	2		100,000					100,000	100,000	GF	PAV	P&R
111	P WORKS	Software upgrades, updates and computers (Sign Shop)	2				40,000			40,000	40,000	GF	TECH	P WORKS
112	P WORKS	Aerial Lift for Forestry Section	2				200,000			200,000	200,000	GF	VEH	P WORKS
113	P WORKS	Aerial bucket vans for Building Maint Section - (2) total	2				120,000	120,000		240,000	240,000	GF	VEH	P WORKS
114	P WORKS	Install generator at Senior Center (Building Maint)	2			110,000				110,000	110,000	GF	BLDG	G GOVT
115	P WORKS	Reroof Sections I, G, H, E & F at Senior Center (Building Maint)	2			130,000				130,000	130,000	GF	BLDG	G GOVT
116	P WORKS	Replace boiler and A/C at Noble Library (Building Maint)	2			95,000				95,000	95,000	GF	BLDG	G GOVT
117	P WORKS	Replace HVAC equipment on Senior Center (Building Maint)	2		35,000					35,000	35,000	GF	BLDG	G GOVT
118	P WORKS	Replace RTU on Fleet Maintenance (Building Maint)	2				15,000			15,000	15,000	GF	BLDG	P WORKS
119	P WORKS	Replace HVAC equipment at Store & Bungalow (Building Maint)	2		14,000					14,000	14,000	GF	BLDG	P WORKS
120	P WORKS	Replace Fire #5 and 6 and Parks Maintenance Building Overhead Doors (Building Maint)	2		143,000					143,000	143,000	GF	BLDG	P SAFETY
121	P WORKS	Replace overhead heaters in Roads Barn (Building Maint)	2				150,000			150,000	150,000	GF	BLDG	P WORKS
122	P WORKS	Replace electrical panels in LPD (Building Maint)	2		40,000					40,000	40,000	GF	BLDG	P SAFETY
123	P WORKS	Skid steer loader, plus attachments	2			120,000				120,000	120,000	GF	EQPT	P WORKS
124	P WORKS	Carpeting throughout DPW buildings	3	3,000		3,000		3,000	3,000	12,000	12,000	GF	OTH	P WORKS
125	P WORKS	Complete tool boxes for Mechanics for Equipment Maintenance Section (2-3 minimum)	3	10,000		10,000		10,000		30,000	30,000	GF	EQPT	P WORKS
126	P WORKS	Update picnic pavilions at City Parks (PARKS)	3	20,000	20,000	20,000	20,000	20,000	20,000	120,000	120,000	GF	LAND	P&R
127	P WORKS	Update play structures at City Parks (PARKS)	3	50,000	50,000	50,000	50,000	50,000	50,000	300,000	300,000	GF	OTH	P&R
128	P WORKS	Pool Bathhouse Rehabilitation, City Pools (PARKS)	3			500,000	500,000	500,000		1,500,000	1,500,000	GF	OTH	P&R
129	P WORKS	Install generator for Building #013 (Building Maint)	3				120,000			120,000	120,000	GF	BLDG	G GOVT
130	P WORKS	Reroof Parks Maint Garages at Bicentennial and Rotary Parks (Building Maint)	3				15,000			15,000	15,000	GF	BLDG	G GOVT
131	P WORKS	Reroof Civic Center Parks Maintenance Building (Building Maint)	3						90,000	90,000	90,000	GF	BLDG	P&R
132	P WORKS	Replace HVAC equipment at Hinbern House & Garage (Building Maint)	3			12,000				12,000	12,000	GF	BLDG	G GOVT
133	P WORKS	Replace HVAC equipment at Carriage House & School (Building Maint)	3				16,000			16,000	16,000	GF	BLDG	G GOVT
134	P WORKS	Replace HVAC equipment in Blue House (Building Maint)	3					25,000		25,000	25,000	GF	BLDG	G GOVT
135	P WORKS	Replace Building #013 Overhead doors [8] (Building Maint)	3			56,000				56,000	56,000	GF	BLDG	P WORKS
136	P WORKS	Replace Building #012 and #019 overhead doors [8] (Building Maint)	3				60,000			60,000	60,000	GF	BLDG	P WORKS
137	POLICE	LPD Lobby Renovation	1	\$ 275,000						\$ 275,000	\$ 275,000	GF	BLDG	P SAFETY
138	POLICE	EOC Computer System	1	\$ 20,000						\$ 20,000	\$ 20,000	GF	EQPT	P SAFETY
139	POLICE	Cental Records Carpet	1	\$ 11,400						\$ 11,400	\$ 11,400	GF	BLDG	P SAFETY

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY FUNDING SOURCE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
140	POLICE	Computer Network Server	1	\$ 15,000						\$ 15,000	\$ 15,000	GF	TECH	P SAFETY
141	POLICE	In-Car Modems	1	\$ 45,000						\$ 45,000	\$ 45,000	GF	TECH	P SAFETY
142	POLICE	Computers	1	\$ 42,600						\$ 42,600	\$ 42,600	GF	TECH	P SAFETY
143	POLICE	Overheads	1	\$ 28,000						\$ 28,000	\$ 28,000	GF	VEH	P SAFETY
144	POLICE	Forensic Computer	1	\$ 14,750						\$ 14,750	\$ 14,750	GF	TECH	P SAFETY
145	POLICE	LPD Building Duct Work Cleaning	1	\$ 25,000						\$ 25,000	\$ 25,000	GF	BLDG	P SAFETY
146	POLICE	Email & Internet Server	1		50,000					50,000	50,000	GF	TECH	P SAFETY
147	POLICE	Desktop Computers	1			50,000		50,000		100,000	100,000	GF	TECH	P SAFETY
148	POLICE	Mobile Data Computer (In-Car) Replacement	1				180,000			180,000	180,000	GF	TECH	P SAFETY
149	POLICE	In-Car Video System Replacement	1			300,000				300,000	300,000	GF	TECH	P SAFETY
150	POLICE	Carport Painting	1		50,000					50,000	50,000	GF	BLDG	P SAFETY
151	POLICE	Detective Bureau Paint & Carpeting	2				20,000			20,000	20,000	GF	BLDG	P SAFETY
152	POLICE	Renovate and Expand the Crime Scene Lab and Office	2					1,000,000		1,000,000	1,000,000	GF	BLDG	P SAFETY
153	POLICE	Body Cameras and Storage Solution	2		600,000					600,000	600,000	GF	TECH	P SAFETY
154	POLICE	Replace In-Building Lighting w/LED	2			150,000				150,000	150,000	GF	BLDG	P SAFETY
155	POLICE	Wireless Network for Police Campus	3		50,000					50,000	50,000	GF	TECH	P SAFETY
156	POLICE	Renovate the Lock-up Facility	3			500,000				500,000	500,000	GF	BLDG	P SAFETY
157	POLICE	Replacement Tasers	3		175,000					175,000	175,000	GF	EQPT	P SAFETY
158	POLICE	Renovate Admin- Carpeting, and Furniture	3		50,000					50,000	50,000	GF	BLDG	P SAFETY
159	POLICE	Replacement Handguns	4		75,000					75,000	75,000	GF	EQPT	P SAFETY
160	POLICE	Renovate Main Detective Bureau	5			30,000				30,000	30,000	GF	BLDG	P SAFETY
161	POLICE	Forensic Computer Lab	5			100,000				100,000	100,000	GF	TECH	P SAFETY
162	POLICE	Renovate the Polygraph, Special Victims Unit, SRO Area	5			150,000				150,000	150,000	GF	BLDG	P SAFETY
163		GENERAL FUND TOTAL		\$ 6,115,989	\$ 6,540,069	\$ 6,130,169	\$ 4,775,939	\$ 5,222,852	\$ 3,596,372	\$ 32,365,390	\$ 32,381,390			
164	PARKS	Idyl Wyld Greens Roller	1						15,000	15,000	15,000	GOLF	EQPT	P&R
165	PARKS	Idyl Wyld Greens Mower	1						28,000	28,000	28,000	GOLF	EQPT	P&R
166	PARKS	Fox Creek Bunker Rake	1					25,000		25,000	25,000	GOLF	EQPT	P&R
167	PARKS	Fox Creek Utility Cart	1					20,000		20,000	20,000	GOLF	EQPT	P&R
168	PARKS	Fox Creek Rainbird Satellite Boxes	1					18,000	10,000	28,000	28,000	GOLF	EQPT	P&R
169	PARKS	Whispering Willows Fairway & Trim Mowers	1					60,000		60,000	60,000	GOLF	EQPT	P&R
170	PARKS	Idyl Wyld Rough & Tee Mowers	1					78,000		78,000	78,000	GOLF	EQPT	P&R
171	PARKS	Fox Creek Pump Station	1						180,000	180,000	180,000	GOLF	EQPT	P&R
172	PARKS	Whispering Willows Greens Mower	1						25,000	25,000	25,000	GOLF	EQPT	P&R
173	PARKS	Whispering Willows Sprayer	1						30,000	30,000	30,000	GOLF	EQPT	P&R
174	PARKS	Idyl Wyld Trap Rake	1						25,000	25,000	25,000	GOLF	EQPT	P&R

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY FUNDING SOURCE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
175	PARKS	Fox Creek Green & Tee Mowers	1			56,000			28,000	84,000	84,000	GOLF	EQPT	P&R
176	PARKS	Fox Creek Greens Roller	1			13,000			13,000	26,000	26,000	GOLF	EQPT	P&R
177	PARKS	Idyl Wyld Fairway Mower	1			30,000				30,000	30,000	GOLF	EQPT	P&R
178	PARKS	Fox Creek Sidewinder	1		36,000					36,000	36,000	GOLF	EQPT	P&R
179	PARKS	Fox Creek Utility Cart	1		10,000					10,000	10,000	GOLF	EQPT	P&R
180	PARKS	Fox Creek Drainage #7 & 13	1		25,000					25,000	25,000	GOLF	LAND	P&R
181	PARKS	Whispering Willows Utility Cart	1		25,000					25,000	25,000	GOLF	EQPT	P&R
182	PARKS	Whispering Willows Fairway Mower	1		25,000					25,000	25,000	GOLF	EQPT	P&R
183	PARKS	Whispering Willows Greens Roller	1		15,000				15,000	30,000	30,000	GOLF	EQPT	P&R
184	PARKS	Idyl Wyld Tee Mower	1		28,000					28,000	28,000	GOLF	EQPT	P&R
185	PARKS	Idyl Wyld Cart Path Repairs	1		5,000					5,000	5,000	GOLF	LAND	P&R
186	PARKS	Whispering Willows Rough Mower	1			50,000				50,000	50,000	GOLF	EQPT	P&R
187	PARKS	Idyl Wyld Tractor	1	14,000						14,000	14,000	GOLF	EQPT	P&R
188	PARKS	Idyl Wyld Backhoe	1	7,000						7,000	7,000	GOLF	EQPT	P&R
189	PARKS	Idyl Wyld #18 Bridge repairs	1	20,000						20,000	20,000	GOLF	LAND	P&R
190	PARKS	Fox Creek Rough Mower	1	50,000						50,000	50,000	GOLF	EQPT	P&R
191	PARKS	Fox Creek Irrigation Computer & Software	1	10,000						10,000	10,000	GOLF	TECH	P&R
192	PARKS	Fox Creek Cart Path Repairs	1	8,000						8,000	8,000	GOLF	LAND	P&R
193	PARKS	Fox Creek pavers around clubhouse	1	7,000						7,000	7,000	GOLF	LAND	P&R
194	PARKS	Whispering Willows Greens Mower	1	25,000						25,000	25,000	GOLF	EQPT	P&R
195	PARKS	Whispering Willows Irrigation Computer & Software	1	10,000						10,000	10,000	GOLF	TECH	P&R
196	PARKS	Whispering Willows Pond Intake Repairs	1	10,000						10,000	10,000	GOLF	LAND	P&R
197	PARKS	Whispering Willows & Tin Cup signage	1	10,000						10,000	10,000	GOLF	BLDG	P&R
198	PARKS	Whispering Willows bunker sand	1	6,000						6,000	6,000	GOLF	LAND	P&R
199	PARKS	Idyl Wyld #15 Culvert	1					5,000		5,000	5,000	GOLF	LAND	P&R
200	PARKS	Fox Creek Rainbird Satellite Boxes	2			9,000			20,000	29,000	29,000	GOLF	EQPT	P&R
201	PARKS	Idyl Wyld Building Repairs	2			20,000				20,000	20,000	GOLF	BLDG	P&R
202	PARKS	Idyl Wyld Battery Replacement for Electric Carts	2			5,000				5,000	5,000	GOLF	EQPT	P&R
203	PARKS	Idyl Wyld Paving	2		20,000					20,000	20,000	GOLF	LAND	P&R
204	PARKS	Idyl Wyld Drainage repairs	2		5,000					5,000	5,000	GOLF	LAND	P&R
205	PARKS	Idyl Wyld Pro Shop Updates	2		6,000					6,000	6,000	GOLF	BLDG	P&R
206	PARKS	Whispering Willows Utility Cart	2			8,000			34,000	42,000	42,000	GOLF	EQPT	P&R
207	PARKS	Idyl Wyld Buck for Tractor	2	3,000						3,000	3,000	GOLF	EQPT	P&R
208	PARKS	Idyl Wyld Tees & drainage	2	20,000						20,000	20,000	GOLF	LAND	P&R
209		GOLF COURSE FEES TOTAL		\$ 200,000	\$ 200,000	\$ 191,000	\$ 201,000	\$ 275,000	\$ 153,000	\$ 1,220,000	\$ 1,220,000			

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY FUNDING SOURCE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
210	PARKS	Botsford Pool Bath House renovation	1	50,000						0	50,000	GRANT	BLDG	P&R
211	PARKS	Botsford Pool Re-marcite	1	40,000						0	40,000	GRANT	LAND	P&R
212	PARKS	Ford Field Light Poles WC 9	1		35,000			100,000		0	135,000	GRANT	EQPT	P&R
213	PARKS	Clements Circle Bathhouse renovation WC 8	1		24,000	13,000	13,000			11,000	50,000	GRANT	BLDG	P&R
214	PARKS	Rotary Park Trail Directional Signs WC 9	2		5,000					0	5,000	GRANT	LAND	P&R
215	PARKS	Compton Park shade structures & bleachers WC 8	2	13,000						0	13,000	GRANT	EQPT	P&R
216	PARKS	Greenmead Dog Park WC 9	2		60,000					0	60,000	GRANT	LAND	P&R
217	PARKS	Pride's Court playground structure CDBG	2		35,000					0	35,000	GRANT	LAND	P&R
218	PARKS	Botsford Pool Splash Pad WC 9	3						300,000	50,000	300,000	GRANT	LAND	P&R
219	PARKS	Compton Park basketball courts WC 8	3					13,000		0	13,000	GRANT	EQPT	P&R
220	PARKS	Golfview Nature Preserve signage WC 9	3			10,000				0	10,000	GRANT	LAND	P&R
221	PARKS	Dooley Park trail resurfacing	3						13,000	0	13,000	GRANT	LAND	P&R
222	PARKS	Castle Gardens play structure WC9	3				75,000			0	75,000	GRANT	EQPT	P&R
223	PARKS	Hillcrest Park trail to structure WC 9	3			25,000				0	25,000	GRANT	LAND	P&R
224	PARKS	Nottingham West play structure CDBG	4					35,000		0	35,000	GRANT	EQPT	P&R
225	PARKS	Elm Field play structure CDBG	4				35,000			0	35,000	GRANT	EQPT	P&R
226	PARKS	Dover Park play structure CDBG	4			35,000				0	35,000	GRANT	EQPT	P&R
227	PARKS	Ford Field batting cages WC 9	4						20,000	0	20,000	GRANT	EQPT	P&R
228	PARKS	Ford Field Disc Golf WC 9	4				15,000			0	15,000	GRANT	EQPT	P&R
229	PARKS	McCann Park drainage WC 9	4			50,000				0	50,000	GRANT	LAND	P&R
230		GRANTS TOTAL		\$ 103,000	\$ 159,000	\$ 133,000	\$ 138,000	\$ 148,000	\$ 333,000	\$ 61,000	\$ 1,014,000			
231	HOUSING	Buildings: Structures, Windows, Walls (Newburgh Village)	2	83,500	83,500	83,500	83,500	83,500	82,500	0	500,000	HOUS	BLDG	HOUS
232	HOUSING	Heating & Cooling/Mechanical & Electrical: Furnaces (Newburgh Village)	2	33,500	33,500	33,500	33,500	33,500	32,500	0	200,000	HOUS	EQPT	HOUS
233	HOUSING	Site: Landscaping, Site Lighting, Walks, Drives (Newburgh Village)	3	50,000	50,000	50,000	50,000	50,000	50,000	0	300,000	HOUS	LAND	HOUS
234	HOUSING	Dwelling Units: Kitchens, Bathrooms, Finishes (Newburgh Village)	3	41,669	41,669	41,669	41,669	41,669	41,655	0	250,000	HOUS	BLDG	HOUS
235	HOUSING	Dwelling Units: Kitchens, Bathrooms, Finishes (Silver Village)	2	50,000	50,000	50,000	50,000	50,000	50,000	0	300,000	HOUS	BLDG	HOUS
236	HOUSING	Buildings: Structures, Roofs, Windows, Walls (Silver Village)	3	33,500	33,500	33,500	33,500	33,500	32,500	0	200,000	HOUS	BLDG	HOUS
237	HOUSING	Heating & Cooling/Mechanical & Electrical: Furnaces (Silver Village)	4	16,680	16,680	16,680	16,680	16,680	16,600	0	100,000	HOUS	EQPT	HOUS
238	HOUSING	Site: Landscaping, Walks (Silver Village)	4	12,500	12,500	12,500	12,500	12,500	12,500	0	75,000	HOUS	LAND	HOUS
239	HOUSING	Office Improvements Lease (S. Admin Bldg.)	3	15,000	15,000	15,000	15,000	15,000	15,000	0	90,000	HOUS	BLDG	HOUS
240	HOUSING	Heating (Tower No. 1)	4							0	0	HOUS	EQPT	HOUS
241	HOUSING	Heating (Tower No. 2)	4							0	0	HOUS	EQPT	HOUS
242		HOUSING RENTALS TOTAL		\$ 336,349	\$ 336,349	\$ 336,349	\$ 336,349	\$ 336,349	\$ 333,255	\$ -	\$ 2,015,000			
243	LIBRARY	Hire movers to help with re-do of 1st floor Civic Center	1	5,000						5,000	5,000	LIB	BLDG	CULTURE
244	LIBRARY	Carpeting 3rd floor of Civic Center	1	18,000						18,000	18,000	LIB	BLDG	CULTURE

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY FUNDING SOURCE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
245	LIBRARY	Replace patron chairs Civic Center	1	48,000						48,000	48,000	LIB	BLDG	CULTURE
246	LIBRARY	Carpeting Sandburg Library	1	25,000						25,000	25,000	LIB	BLDG	CULTURE
247	LIBRARY	Carpeting Noble Library	1	30,000						30,000	30,000	LIB	BLDG	CULTURE
248	LIBRARY	Replace ceiling tiles Civic Center	1		30,000					30,000	30,000	LIB	BLDG	CULTURE
249	LIBRARY	Build 3 group study rooms Civic Center	1		30,000					30,000	30,000	LIB	BLDG	CULTURE
250	LIBRARY	Paint/wallpaper 3rd floor Civic Center	1		12,000					12,000	12,000	LIB	BLDG	CULTURE
251	LIBRARY	Rewire 2nd floor west wing Civic Center	1			10,000				10,000	10,000	LIB	BLDG	CULTURE
252	LIBRARY	New study carrels & chairs 2nd floor west wing	1			10,500				10,500	10,500	LIB	BLDG	CULTURE
253	LIBRARY	Paint/wallpaper 1st & 2nd floor Civic Center	1			50,000				50,000	50,000	LIB	BLDG	CULTURE
254	LIBRARY	Recarpet 1st & 2nd floor & freight elevator Civic Center	1				90,000			90,000	90,000	LIB	BLDG	CULTURE
255	LIBRARY	Redesign circ, browsing & reference desks Civic Center	1					30,000		30,000	30,000	LIB	BLDG	CULTURE
256	LIBRARY	Replace carpet & seating in auditorium Civic Center	1						55,000	55,000	55,000	LIB	BLDG	CULTURE
257	P WORKS	Reseal Civic Center Library atrium lights (Building Maint)	1	25,000						25,000	25,000	LIB	BLDG	G GOVT
258	P WORKS	Reroof Noble Library (Building Maint)	2					175,000		175,000	175,000	LIB	BLDG	G GOVT
259	P WORKS	Replace boiler at Sandburg Library (Building Maint)	2			25,000				25,000	25,000	LIB	BLDG	G GOVT
260	P WORKS	Clean and restore exterior of Civic Center Library (Building Maint)	2		50,000					50,000	50,000	LIB	BLDG	G GOVT
261	P WORKS	Reroof Sandburg Library (Building Maint)	3					195,000		195,000	195,000	LIB	BLDG	G GOVT
262		LIBRARY MILLAGE TOTALS		\$ 151,000	\$ 122,000	\$ 95,500	\$ 90,000	\$ 400,000	\$ 55,000	\$ 913,500	\$ 913,500			
263	COM RES	Greenhouse - rebuilt/restoration	1	7,000	37,000					44,000	44,000	MULT	BLDG	CULTURE
264	COM RES	Nankin Mills School - moving & restoration	1	140,000	100,000					240,000	240,000	MULT	BLDG	CULTURE
265	COM RES	Hill House Museum - interior restoration	3	10,000	20,000	20,000				50,000	50,000	MULT	BLDG	CULTURE
266	COM RES	South Barn - restoration	3			73,000				73,000	73,000	MULT	BLDG	CULTURE
267	COM RES	Restroom Pavilion - new build	3					185,000		185,000	185,000	MULT	BLDG	P&R
268	COM RES	History House - restoration, new foundation	4					100,000		100,000	100,000	MULT	BLDG	CULTURE
269	COM RES	North Carriage House - restoration 1st & 2nd floor	4						70,800	70,800	70,800	MULT	BLDG	CULTURE
270	COM RES	Blue Office - interior restoration	4						37,000	37,000	37,000	MULT	BLDG	CULTURE
271	COM RES	Foundation Stone on Church, Parsonage & Bungalow	5				18,000			18,000	18,000	MULT	BLDG	CULTURE
272	COM RES	DUR (Detroit United Railway) Building - interior restoration & platform rebuilt	5			10,000				10,000	10,000	MULT	BLDG	CULTURE
273	COM RES	South Carriage House - new build from pictures	5						50,000	50,000	50,000	MULT	BLDG	CULTURE
274	HOUSING	Dwelling Units: Finishes, In-Unit Mech & Electrical, Other (Tower No. 1)	2	41,669	41,669	41,669	41,669	41,669	41,655	0	250,000	MULT	BLDG	HOUS
275	HOUSING	Site: Improvements, Paving, Walks Distribution (Tower No. 1)	3	1,700	1,700	1,700	1,700	1,700	1,500	0	10,000	MULT	LAND	HOUS
276	HOUSING	Building: Entry, Walls, Windows, Interior, Other Spaces (Tower No. 1)	4	16,750	16,750	16,750	16,750	16,750	16,250	0	100,000	MULT	BLDG	HOUS
277	HOUSING	Dwelling Units: Finishes, Kitchen, In-Unit Mech & Electrical, Other (Tower No. 2)	2	41,669	41,669	41,669	41,669	41,669	41,655	0	250,000	MULT	BLDG	HOUS
278	HOUSING	Site: Improvements, Paving, Walks Distribution (Tower No. 2)	3	16,750	16,750	16,750	16,750	16,750	16,250	0	100,000	MULT	LAND	HOUS
279	HOUSING	Building: Entry, Walls, Windows, Interior, Other Spaces (Tower No. 2)	4	25,000	25,000	25,000	25,000	25,000	25,000	0	150,000	MULT	BLDG	HOUS

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY FUNDING SOURCE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
280	HOUSING	Site: Improvements (Scattered Site Homes)	3	16,750	16,750	16,750	16,750	16,750	16,250	0	100,000	MULT	LAND	HOUS
281	HOUSING	Building: Structure, Entry, Windows (Scattered Site Homes)	4	33,500	33,500	33,500	33,500	33,500	32,500	0	200,000	MULT	BLDG	HOUS
282	HOUSING	Dwelling Units: Finishes, Kitchens, Bathrooms, In-Unit Mech/Electrical (Scattered Site Homes)	4	83,500	83,500	83,500	83,500	83,500	82,500	0	500,000	MULT	BLDG	HOUS
283	P WORKS	Property Acquisition	3		250,000					250,000	250,000	MULT	LAND	P WORKS
284	POLICE	Vehicles	1	\$ 481,000	\$ 505,100	\$ 530,300	\$ 556,800	\$ 584,700	\$ 613,900	\$ 2,159,400	\$ 3,271,800	MULT	VEH	P SAFETY
285	POLICE	New Police Complex	1						30,000,000	30,000,000	30,000,000	MULT	BLDG	P SAFETY
286	POLICE	Renovate Current Police Complex	2						15,000,000	15,000,000	15,000,000	MULT	BLDG	P SAFETY
287	POLICE	Renovate and Expand the Intelligence Bureau	3					1,000,000		500,000	1,000,000	MULT	BLDG	P SAFETY
288	POLICE	Renovate and Expand the Dispatch Center and Consoles	4			1,500,000				500,000	1,500,000	MULT	BLDG	P SAFETY
289	POLICE	Landscaping for the Gun Range	5		20,000					10,000	20,000	MULT	BLDG	P SAFETY
290		MULTIPLE SOURCES TOTAL		\$ 915,288	\$ 1,209,388	\$ 2,410,588	\$ 852,088	\$ 2,146,988	\$ 46,045,260	\$ 49,297,200	\$ 53,579,600			
291	ENGINEER	Traffic Signal Modernizations at Fire Stations	1	175,000						175,000	175,000	MILL	TECH	P SAFETY
292	ENGINEER	Battery Back-Up/Transfer Switches for Traffic Signals	3		7,500		10,000		15,000	32,500	32,500	MILL	TECH	P WORKS
293		NEW MILLAGE TOTAL		\$ 175,000	\$ 7,500	\$ -	\$ 10,000	\$ -	\$ 15,000	\$ 207,500	\$ 207,500			
294	PARKS	Fitness Equipment 1/4 of cardio (20)	1	100,000	100,000	105,000	105,000	105,000	105,000	620,000	620,000	P&R	EQPT	P&R
295	PARKS	Duct Cleaning	2	25,000	25,000	15,000	15,000			80,000	80,000	P&R	OTH	P&R
296	PARKS	Pool Motors/Slide	2		7,500	7,500		7,500	7,500	30,000	30,000	P&R	EQPT	P&R
297	PARKS	Carpet/rubber floor fit hub	2		20,000				40,000	60,000	60,000	P&R	BLDG	P&R
298	PARKS	Floor scrubber	2		10,000				10,000	20,000	20,000	P&R	EQPT	P&R
299	PARKS	Pool Filter Media Replacement	2		20,000					20,000	20,000	P&R	EQPT	P&R
300	PARKS	Marquee Replacement	2		50,000					50,000	50,000	P&R	EQPT	P&R
301	PARKS	Computers	2	8,000	8,000	8,000	8,000	8,000	8,000	48,000	48,000	P&R	TECH	P&R
302	PARKS	Devon Aire Arena Roof	2			150,000				150,000	150,000	P&R	BLDG	P&R
303	PARKS	LCRC Parking Lot	2				50,000	50,000	50,000	150,000	150,000	P&R	LAND	P&R
304	PARKS	Furniture - Check in desk areas	3		10,000	10,000	10,000	10,000	10,000	50,000	50,000	P&R	EQPT	P&R
305	PARKS	Parking lot Mill and replace	3					120,000		120,000	120,000	P&R	LAND	P&R
306	PARKS	Skate Park Ramps	3				20,000		20,000	40,000	40,000	P&R	EQPT	P&R
307	PARKS	Walking trail replacement	3				45,000			45,000	45,000	P&R	EQPT	P&R
308	PARKS	Inline Fence	3				15,000			15,000	15,000	P&R	EQPT	P&R
309	PARKS	Sidewalk replacement	3		10,000		10,000		10,000	30,000	30,000	P&R	LAND	P&R
310	PARKS	Liner for Leisure Pool	4				100,000			100,000	100,000	P&R	EQPT	P&R
311	PARKS	Parking Lot Sealer 117,000 sq. ft. reline	4		12,000					12,000	12,000	P&R	LAND	P&R
312	PARKS	Tree Fort Reconfiguration	4				40,000			40,000	40,000	P&R	EQPT	P&R
313	PARKS	Resurface Outdoor Rink	4		10,000					10,000	10,000	P&R	LAND	P&R
314	PARKS	SelectORIZED weigh machines (16)	4				110,000			110,000	110,000	P&R	EQPT	P&R

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY FUNDING SOURCE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
315		RECREATION MILLAGE TOTAL		\$ 133,000	\$ 282,500	\$ 295,500	\$ 528,000	\$ 300,500	\$ 260,500	\$ 1,800,000	\$ 1,800,000			
316	P WORKS	Storage Facility, Glendale Land Fill	1			40,000				40,000	40,000	REFUSE	BLDG	P WORKS
317	P WORKS	Update Leaf Equipment, 2 each year (12 total)	1	60,000	60,000	60,000	60,000	60,000	60,000	360,000	360,000	REFUSE	VEH	P WORKS
318	P WORKS	Self-contained Leaf Vacuums, (3) total	1		100,000	100,000	100,000			300,000	300,000	REFUSE	VEH	P WORKS
319	P WORKS	Update claw machine for leaf season, (3) total	1		15,000	15,000	15,000			45,000	45,000	REFUSE	VEH	P WORKS
320		REFUSE MILLAGE		\$ 60,000	\$ 175,000	\$ 215,000	\$ 175,000	\$ 60,000	\$ 60,000	\$ 745,000	\$ 745,000			
321	COM RES	Paving - new	2				177,000			177,000	177,000	ROAD	PAV	P WORKS
322	COM RES	Entrances - new build	3				30,000			30,000	30,000	ROAD	PAV	P WORKS
323	ENGINEER	Local Road Program-Pavement (Reconstruction)	1	3,000,000	2,500,000	2,000,000	2,000,000	2,000,000	2,750,000	14,250,000	14,250,000	ROAD	PAV	P WORKS
324	ENGINEER	Local Road Program-Pavement (Rehabilitation)	1	1,200,000	1,750,000	2,500,000	2,750,000	3,000,000	3,750,000	14,950,000	14,950,000	ROAD	PAV	P WORKS
325	ENGINEER	Local Road Program-Pavement (Maintenance)	1	210,000	250,000	750,000	1,000,000	1,250,000	1,500,000	4,960,000	4,960,000	ROAD	PAV	P WORKS
326	ENGINEER	Local Road Program-Pavement - Joint & Crack Sealing (Maintenance)	1	95,000	200,000	225,000	250,000	275,000	300,000	1,345,000	1,345,000	ROAD	PAV	P WORKS
327	ENGINEER	Local Road Program-Pavement - Lane Line Marking (Maintenance)	1	95,000	105,000	110,000	120,000	125,000	135,000	690,000	690,000	ROAD	PAV	P WORKS
328	ENGINEER	Ann Arbor Trail (Eckles Road to Newburgh Road)	1		85,000	275,000				360,000	360,000	ROAD	PAV	P SAFETY
329	ENGINEER	Five Mile Road (Eckles to Farmington Road) - Resurfacing	1					250,000	125,000	375,000	375,000	ROAD	PAV	P SAFETY
330	ENGINEER	Stark Road (Schoolcraft to Lyndon)	1			50,000	125,000			175,000	175,000	ROAD	PAV	P SAFETY
331	ENGINEER	Lyndon (East & Westbound) (Farmington to Stark) - Resurfacing	1			40,000	100,000			140,000	140,000	ROAD	PAV	P SAFETY
332	ENGINEER	I-275 (5 Mile to 8 Mile) - Rehabilitation	1	500,000	75,000					575,000	575,000	ROAD	PAV	P SAFETY
333	ENGINEER	Gill Road (7 Mile to 8 Mile Road) - Rehabilitation	1			55,000	225,000			280,000	280,000	ROAD	PAV	P SAFETY
334	ENGINEER	Farmington Road (Plymouth to Schoolcraft) - Rehabilitation	1			140,000				140,000	140,000	ROAD	PAV	P SAFETY
335	ENGINEER	Joy Road (Newburgh to Wayne)	1				150,000			150,000	150,000	ROAD	PAV	P SAFETY
336	ENGINEER	Seven Mile Road (Newburgh Road to Farmington) - Rehabilitation	1	200,000						200,000	200,000	ROAD	PAV	P SAFETY
337	ENGINEER	Baseline Road (Eight Mile) (Ellen to Farmington)	1	150,000						150,000	150,000	ROAD	PAV	P SAFETY
338	ENGINEER	Schoolcraft (Eastbound & Westbound) Corridor Improvement Projects	1			100,000	325,000			425,000	425,000	ROAD	PAV	P SAFETY
339	ENGINEER	Amerhein Road (3,500' West of Eckles to Asphalt Segment) - Concrete Reconstruct	1	105,000	400,000					505,000	505,000	ROAD	PAV	P SAFETY
340	ENGINEER	Merriman Road (Joy to Plymouth Road) - Rehabilitation	1			130,000				130,000	130,000	ROAD	PAV	P SAFETY
341	ENGINEER	Inkster Road (5 Mile Road to 7 Mile Road) - Resurfacing	1			125,000	150,000			275,000	275,000	ROAD	PAV	P SAFETY
342	ENGINEER	Farmington Road (Schoolcraft to 5 Mile Road) - Resurfacing	1				150,000			150,000	150,000	ROAD	PAV	P SAFETY
343	ENGINEER	Farmington Road (6 Mile Road to 7 Mile Road)	1		150,000					150,000	150,000	ROAD	PAV	P WORKS
344	ENGINEER	Farmington Road (7 Mile to 8 Mile Road) - Resurfacing	1	135,000						135,000	135,000	ROAD	PAV	P SAFETY
345	ENGINEER	Pave Gravel Roads	3			75,000		100,000		175,000	175,000	ROAD	PAV	P WORKS
346	P WORKS	Selective Slab Replacement (Tree related) (PARKS)	1	120,000	120,000	120,000	120,000	120,000	120,000	720,000	720,000	ROAD	OTH	P WORKS
347	P WORKS	Sidewalk Slab Replacement at City Parks (PARKS)	1	20,000	20,000	20,000	20,000	20,000	20,000	120,000	120,000	ROAD	OTH	P WORKS
348	P WORKS	Single Axle Dump Trucks - (2) total	1		200,000		200,000			400,000	400,000	ROAD	VEH	P WORKS
349	P WORKS	Tandem Dump Trucks - (2) total	1			540,000				540,000	540,000	ROAD	VEH	P WORKS

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY FUNDING SOURCE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit	
				2016	2017	2018	2019	2020	2021						
350	P WORKS	Chippers for Roads Section, (5) total	1		90,000	180,000	180,000			450,000	450,000	ROAD	VEH	P WORKS	
351	P WORKS	Street Sweeper	1		275,000					275,000	275,000	ROAD	VEH	P WORKS	
352	P WORKS	Concrete grinding machine	1		75,000					75,000	75,000	ROAD	EQPT	P WORKS	
353	P WORKS	Parking lot restriping at parking lots of City parks (PARKS)	2		15,000	15,000	15,000	15,000	15,000	75,000	75,000	ROAD	PAV	P&R	
354	P WORKS	Larger Sized Roller	2		150,000					150,000	150,000	ROAD	EQPT	P WORKS	
355	P WORKS	Small Sized Roller	2			75,000				75,000	75,000	ROAD	EQPT	P WORKS	
356	P WORKS	Cement saw	2				25,000			25,000	25,000	ROAD	EQPT	P WORKS	
357		ROAD FUNDS TOTAL			\$ 5,830,000	\$ 6,460,000	\$ 7,525,000	\$ 8,112,000	\$ 7,155,000	\$ 8,715,000	\$ 43,797,000				
358	ENGINEER	Water Master Plan Improvement Projects	1			1,000,000	1,500,000	1,250,000	1,500,000	1,500,000	6,750,000	6,750,000	W&S	W&S	P WORKS
359	ENGINEER	Civil 3D AutoCAD Software and License	2			6,500		7,000		7,500	3,500	21,000	W&S	TECH	P WORKS
360	ENGINEER	KIP 3100 Maintenance/Replacement	2			1,500		1,600		15,000	2,000	18,100	W&S	EQPT	P WORKS
361	P WORKS	Meter Updates/Installation throughout City (Water & Sewer Section)	1	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000	6,000,000	W&S	OTH	P WORKS	
362	P WORKS	Update service trucks and equipment, Water & Sewer Section	1	800,000	800,000	800,000	800,000	800,000		4,000,000	4,000,000	W&S	VEH	P WORKS	
363	P WORKS	Update service vehicles, field work (4 vans), Water & Sewer Section	1	200,000	200,000	200,000	200,000			800,000	800,000	W&S	VEH	P WORKS	
364	P WORKS	Single Axle Dump Trucks with Swamp Loaders - (4) total	1		500,000	500,000				1,000,000	1,000,000	W&S	VEH	P WORKS	
365	P WORKS	Hydro Excavator (Water & Sewer Section)	2			300,000				300,000	300,000	W&S	EQPT	P WORKS	
366	P WORKS	Tablets and software for all employees in field (Water & Sewer Section)	2	5,000	5,000	5,000	5,000			20,000	20,000	W&S	TECH	P WORKS	
367	P WORKS	Catch basin structure rebuilds at City parks (PARKS)	2		30,000	30,000	30,000	30,000	30,000	150,000	150,000	W&S	W&S	P&R	
368	P WORKS	Excavator for Water & Sewer Section	2		175,000					175,000	175,000	W&S	W&S	P WORKS	
369	P WORKS	Trailer for Excavator for Water & Sewer Section	2		30,000					30,000	30,000	W&S	W&S	P WORKS	
370	P WORKS	Footing Drain Disconnect Program	2	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	3,000,000	W&S	W&S	P WORKS	
371	P WORKS	Indoor wash rack for Washing of W&S Equipment	3			200,000				200,000	200,000	W&S	BLDG	P WORKS	
372	P WORKS	Water & Sewer Building	1	4,000,000						4,000,000	4,000,000	W&S	BLDG	P WORKS	
373		WATER AND SEWER FEES TOTAL			\$ 6,505,000	\$ 4,248,000	\$ 5,035,000	\$ 3,793,600	\$ 3,830,000	\$ 3,052,500	\$ 26,430,500	\$ 26,464,100			
374		GRAND TOTAL			\$ 20,709,626	\$ 24,129,806	\$ 26,367,106	\$ 19,011,976	\$ 19,874,689	\$ 62,618,887	\$ 156,837,090	\$ 172,712,090			

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY PROJECT TYPE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
1	COM RES	Greenhouse - rebuilt/restoration	1	7,000	37,000					44,000	44,000	MULT	BLDG	CULTURE
2	COM RES	Nankin Mills School - moving & restoration	1	140,000	100,000					240,000	240,000	MULT	BLDG	CULTURE
3	COM RES	Hill House Museum - interior restoration	3	10,000	20,000	20,000				50,000	50,000	MULT	BLDG	CULTURE
4	COM RES	South Barn - restoration	3			73,000				73,000	73,000	MULT	BLDG	CULTURE
5	COM RES	Greenmead Restroom Pavilion - new build	3					185,000		185,000	185,000	MULT	BLDG	P&R
6	COM RES	History House - restoration, new foundation	4					100,000		100,000	100,000	MULT	BLDG	CULTURE
7	COM RES	North Carriage House - restoration 1st & 2nd floor	4						70,800	70,800	70,800	MULT	BLDG	CULTURE
8	COM RES	Blue Office - interior restoration	4						37,000	37,000	37,000	MULT	BLDG	CULTURE
9	COM RES	Foundation Stone on Church, Parsonage & Bungalow	5				18,000			18,000	18,000	MULT	BLDG	CULTURE
10	COM RES	DUR (Detroit United Railway) Building - interior restoration & platform rebuilt	5			10,000				10,000	10,000	MULT	BLDG	CULTURE
11	COM RES	South Carriage House - new build from pictures	5						50,000	50,000	50,000	MULT	BLDG	CULTURE
12	FIRE	Fire Station #6 - Apparatus Garage Addition	1	695,000						695,000	695,000	GF	BLDG	P SAFETY
13	FIRE	Replacement Fire Engine Pumper (2 units)	1	980,000						980,000	980,000	GF	BLDG	P SAFETY
14	FIRE	Station #4 Terrazzo Floor Repair	2	48,000						48,000	48,000	GF	BLDG	P SAFETY
15	FIRE	Fire Station #1 - building addition, Training/Admin offices	1		1,350,000					1,350,000	1,350,000	GF	BLDG	P SAFETY
16	HOUSING	Dwelling Units: Finishes, In-Unit Mech & Electrical, Other (Tower No. 1)	2	41,669	41,669	41,669	41,669	41,669	41,655	0	250,000	MULT	BLDG	HOUS
17	HOUSING	Building: Entry, Walls, Windows, Interior, Other Spaces (Tower No. 1)	4	16,750	16,750	16,750	16,750	16,750	16,250	0	100,000	MULT	BLDG	HOUS
18	HOUSING	Dwelling Units: Finishes, Kitchen, In-Unit Mech & Electrical, Other (Tower No. 2)	2	41,669	41,669	41,669	41,669	41,669	41,655	0	250,000	MULT	BLDG	HOUS
19	HOUSING	Building: Entry, Walls, Windows, Interior, Other Spaces (Tower No. 2)	4	25,000	25,000	25,000	25,000	25,000	25,000	0	150,000	MULT	BLDG	HOUS
20	HOUSING	Building: Structure, Entry, Windows (Scattered Site Homes)	4	33,500	33,500	33,500	33,500	33,500	32,500	0	200,000	MULT	BLDG	HOUS
21	HOUSING	Dwelling Units: Finishes, Kitchens, Bathrooms, In-Unit Mech/Electrical (Scattered Site Homes)	4	83,500	83,500	83,500	83,500	83,500	82,500	0	500,000	MULT	BLDG	HOUS
22	HOUSING	Buildings: Structures, Windows, Walls (Newburgh Village)	2	83,500	83,500	83,500	83,500	83,500	82,500	0	500,000	HOUS	BLDG	HOUS
23	HOUSING	Dwelling Units: Kitchens, Bathrooms, Finishes (Newburgh Village)	3	41,669	41,669	41,669	41,669	41,669	41,655	0	250,000	HOUS	BLDG	HOUS
24	HOUSING	Dwelling Units: Kitchens, Bathrooms, Finishes (Silver Village)	2	50,000	50,000	50,000	50,000	50,000	50,000	0	300,000	HOUS	BLDG	HOUS
25	HOUSING	Buildings: Structures, Roofs, Windows, Walls (Silver Village)	3	33,500	33,500	33,500	33,500	33,500	32,500	0	200,000	HOUS	BLDG	HOUS
26	HOUSING	Office Improvements Lease (S. Admin Bldg.)	3	15,000	15,000	15,000	15,000	15,000	15,000	0	90,000	HOUS	BLDG	HOUS
27	HOUSING	Exterior Improvements Owner - (P Works) (S. Admin. Bldg.)	3	41,669	41,669	41,669	41,669	41,669	41,655	250,000	250,000	GF	BLDG	P WORKS
28	LIBRARY	Hire movers to help with re-do of 1st floor Civic Center	1	5,000						5,000	5,000	LIB	BLDG	CULTURE
29	LIBRARY	Carpeting 3rd floor of Civic Center	1	18,000						18,000	18,000	LIB	BLDG	CULTURE
30	LIBRARY	Replace patron chairs Civic Center	1	48,000						48,000	48,000	LIB	BLDG	CULTURE
31	LIBRARY	Carpeting Sandburg Library	1	25,000						25,000	25,000	LIB	BLDG	CULTURE
32	LIBRARY	Carpeting Noble Library	1	30,000						30,000	30,000	LIB	BLDG	CULTURE
33	LIBRARY	Replace ceiling tiles Civic Center	1		30,000					30,000	30,000	LIB	BLDG	CULTURE
34	LIBRARY	Build 3 group study rooms Civic Center	1		30,000					30,000	30,000	LIB	BLDG	CULTURE
35	LIBRARY	Paint/wallpaper 3rd floor Civic Center	1		12,000					12,000	12,000	LIB	BLDG	CULTURE

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY PROJECT TYPE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
36	LIBRARY	Rewire 2nd floor west wing Civic Center	1			10,000				10,000	10,000	LIB	BLDG	CULTURE
37	LIBRARY	New study carrels & chairs 2nd floor west wing	1			10,500				10,500	10,500	LIB	BLDG	CULTURE
38	LIBRARY	Paint/wallpaper 1st & 2nd floor Civic Center	1			50,000				50,000	50,000	LIB	BLDG	CULTURE
39	LIBRARY	Recarpet 1st & 2nd floor & freight elevator Civic Center	1				90,000			90,000	90,000	LIB	BLDG	CULTURE
40	LIBRARY	Redesign circ, browsing & reference desks Civic Center	1					30,000		30,000	30,000	LIB	BLDG	CULTURE
41	LIBRARY	Replace carpet & seating in auditorium Civic Center	1						55,000	55,000	55,000	LIB	BLDG	CULTURE
42	P WORKS	Security System to include cameras, swipe cards, locked gates and doors at DPW Yard	1	55,000						55,000	55,000	GF	BLDG	P WORKS
43	P WORKS	Replace HVAC air handler units, City Hall (Building Maint)	1	750,000						750,000	750,000	GF	BLDG	G GOVT
44	P WORKS	Complete Energy Management Upgrade to Honeywell system for all out buildings (Building Maint)	1	100,000	75,000	50,000				225,000	225,000	GF	BLDG	G GOVT
45	P WORKS	Mechanical upgrades (Building Maint)	1	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000	GF	BLDG	G GOVT
46	P WORKS	Lighting upgrades to City Buildings, convert to LED lighting (Building Maint)	1	20,000	20,000	15,000				55,000	55,000	GF	BLDG	G GOVT
47	P WORKS	Install generator for Annex (Building Maint)	1	105,000						105,000	105,000	GF	BLDG	G GOVT
48	P WORKS	Replace boilers and air handler in Annex (Building Maint)	1						105,000	105,000	105,000	GF	BLDG	G GOVT
49	P WORKS	Storage Facility, Glendale Land Fill	1			40,000				40,000	40,000	REFUSE	BLDG	P WORKS
50	P WORKS	New Salt Dome with Salt Conveyor	1					300,000		300,000	300,000	GF	BLDG	P WORKS
51	P WORKS	Reroof Fire #1 (Building Maint)	1						200,000	200,000	200,000	GF	BLDG	P SAFETY
52	P WORKS	Repair or replace boiler expansion tank (Building Maint)	1	20,000						20,000	20,000	GF	BLDG	G GOVT
53	P WORKS	Replace HVAC equipment at Kingsley & Shaw Houses (Building Maint)	1	15,000						15,000	15,000	GF	BLDG	G GOVT
54	P WORKS	Replace HVAC equipment in Building #012, 8-RTUs (Building Maint)	1			140,000				140,000	140,000	GF	BLDG	P WORKS
55	P WORKS	Replace two (2) boilers in Building #012 (Building Maint)	1				60,000			60,000	60,000	GF	BLDG	P WORKS
56	P WORKS	Replace HVAC equipment in Building #013 (Building Maint)	1					75,000		75,000	75,000	GF	BLDG	P WORKS
57	P WORKS	Replace City Hall and Civic Center Library Fire Alarm Panels	1	75,000						75,000	75,000	GF	BLDG	G GOVT
58	P WORKS	Replace Fire #1, #3, & #4 Overhead Doors (16) [Building Maint]	1	176,000						176,000	176,000	GF	BLDG	P SAFETY
59	P WORKS	Replace electrical panels in Annex (Building Maint)	1	25,000						25,000	25,000	GF	BLDG	G GOVT
60	P WORKS	Reseal Civic Center Library atrium lights (Building Maint)	1	25,000						25,000	25,000	LIB	BLDG	G GOVT
61	P WORKS	Insulate outer tower office walls at City Hall (Building Maint)	1	20,000						20,000	20,000	GF	BLDG	G GOVT
62	P WORKS	Replace ceramic floor tile in City Hall lobby (Building Maint)	1			115,000				115,000	115,000	GF	BLDG	G GOVT
63	P WORKS	Water & Sewer Building	1	4,000,000						4,000,000	4,000,000	W&S	BLDG	P WORKS
64	P WORKS	Air Conditioning installed Equipment Maintenance Section	2		25,000					25,000	25,000	GF	BLDG	P WORKS
65	P WORKS	Replace 2 RTUs and 2 boilers at Fire #34 (Building Maint)	2					115,000		115,000	115,000	GF	BLDG	P SAFETY
66	P WORKS	Replace RTU at LPD (Building Maint)	2					115,000		115,000	115,000	GF	BLDG	P SAFETY
67	P WORKS	Install generator at Senior Center (Building Maint)	2			110,000				110,000	110,000	GF	BLDG	G GOVT
68	P WORKS	Reroof Sections I, G, H, E & F at Senior Center (Building Maint)	2			130,000				130,000	130,000	GF	BLDG	G GOVT
69	P WORKS	Reroof Noble Library (Building Maint)	2					175,000		175,000	175,000	LIB	BLDG	G GOVT
70	P WORKS	Replace boiler and A/C at Noble Library (Building Maint)	2			95,000				95,000	95,000	GF	BLDG	G GOVT

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY PROJECT TYPE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
71	P WORKS	Replace boiler at Sandburg Library (Building Maint)	2			25,000				25,000	25,000	LIB	BLDG	G GOVT
72	P WORKS	Replace HVAC equipment on Senior Center (Building Maint)	2		35,000					35,000	35,000	GF	BLDG	G GOVT
73	P WORKS	Replace RTU on Fleet Maintenance (Building Maint)	2				15,000			15,000	15,000	GF	BLDG	P WORKS
74	P WORKS	Replace HVAC equipment at Store & Bungalow (Building Maint)	2		14,000					14,000	14,000	GF	BLDG	P WORKS
75	P WORKS	Replace Fire #5 and 6 and Parks Maintenance Building Overhead Doors (Building Maint)	2		143,000					143,000	143,000	GF	BLDG	P SAFETY
76	P WORKS	Replace overhead heaters in Roads Barn (Building Maint)	2				150,000			150,000	150,000	GF	BLDG	P WORKS
77	P WORKS	Replace electrical panels in LPD (Building Maint)	2		40,000					40,000	40,000	GF	BLDG	P SAFETY
78	P WORKS	Clean and restore exterior of Civic Center Library (Building Maint)	2		50,000					50,000	50,000	LIB	BLDG	G GOVT
79	P WORKS	Indoor wash rack for Washing of W&S Equipment	3			200,000				200,000	200,000	W&S	BLDG	P WORKS
80	P WORKS	Install generator for Building #013 (Building Maint)	3				120,000			120,000	120,000	GF	BLDG	G GOVT
81	P WORKS	Reroof Parks Maint Garages at Bicentennial and Rotary Parks (Building Maint)	3				15,000			15,000	15,000	GF	BLDG	G GOVT
82	P WORKS	Reroof Sandburg Library (Building Maint)	3					195,000		195,000	195,000	LIB	BLDG	G GOVT
83	P WORKS	Reroof Civic Center Parks Maintenance Building (Building Maint)	3						90,000	90,000	90,000	GF	BLDG	P&R
84	P WORKS	Replace HVAC equipment at Hinbern House & Garage (Building Maint)	3			12,000				12,000	12,000	GF	BLDG	G GOVT
85	P WORKS	Replace HVAC equipment at Carriage House & School (Building Maint)	3				16,000			16,000	16,000	GF	BLDG	G GOVT
86	P WORKS	Replace HVAC equipment in Blue House (Building Maint)	3					25,000		25,000	25,000	GF	BLDG	G GOVT
87	P WORKS	Replace Building #013 Overhead doors [8] (Building Maint)	3			56,000				56,000	56,000	GF	BLDG	P WORKS
88	P WORKS	Replace Building #012 and #019 overhead doors [8] (Building Maint)	3				60,000			60,000	60,000	GF	BLDG	P WORKS
89	PARKS	Botsford Pool Bath House renovation	1	50,000						0	50,000	GRANT	BLDG	P&R
90	PARKS	Clements Circle Bathhouse renovation WC 8	1		24,000	13,000	13,000			11,000	50,000	GRANT	BLDG	P&R
91	PARKS	Whispering Willows & Tin Cup signage	1	10,000						10,000	10,000	GOLF	BLDG	P&R
92	PARKS	Carpet/rubber floor fit hub	2		20,000				40,000	60,000	60,000	P&R	BLDG	P&R
93	PARKS	Idyl Wyld Building Repairs	2			20,000				20,000	20,000	GOLF	BLDG	P&R
94	PARKS	Idyl Wyld Pro Shop Updates	2		6,000					6,000	6,000	GOLF	BLDG	P&R
95	PARKS	Devon Aire Areen Roof	2			150,000				150,000	150,000	P&R	BLDG	P&R
96	POLICE	LPD Lobby Renovation	1	275,000						275,000	275,000	GF	BLDG	P SAFETY
97	POLICE	Cental Records Carpet	1	11,400						11,400	11,400	GF	BLDG	P SAFETY
98	POLICE	LPD Building Duct Work Cleaning	1	25,000						25,000	25,000	GF	BLDG	P SAFETY
99	POLICE	New Police Complex	1						30,000,000	30,000,000	30,000,000	MULT	BLDG	P SAFETY
100	POLICE	Carport Painting	1		50,000					50,000	50,000	GF	BLDG	P SAFETY
101	POLICE	Renovate Current Police Complex	2						15,000,000	15,000,000	15,000,000	MULT	BLDG	P SAFETY
102	POLICE	Detective Bureau Paint & Carpeting	2				20,000			20,000	20,000	GF	BLDG	P SAFETY
103	POLICE	Renovate and Expand the Crime Scene Lab and Office	2					1,000,000		1,000,000	1,000,000	GF	BLDG	P SAFETY
104	POLICE	Replace In-Building Lighting w/LED	2			150,000				150,000	150,000	GF	BLDG	P SAFETY
105	POLICE	Renovate the Lock-up Facility	3			500,000				500,000	500,000	GF	BLDG	P SAFETY

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY PROJECT TYPE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
106	POLICE	Renovate and Expand the Intelligence Bureau	3					1,000,000		500,000	1,000,000	MULT	BLDG	P SAFETY
107	POLICE	Rifle Range Baffle System	3		350,000					0	350,000	FORF	BLDG	P SAFETY
108	POLICE	Renovate Admin- Carpeting, and Furniture	3		50,000					50,000	50,000	GF	BLDG	P SAFETY
109	POLICE	Renovate and Expand the Dispatch Center and Consoles	4			1,500,000				500,000	1,500,000	MULT	BLDG	P SAFETY
110	POLICE	Renovate Main Detective Bureau	5			30,000				30,000	30,000	GF	BLDG	P SAFETY
111	POLICE	Landscaping for the Gun Range	5		20,000					10,000	20,000	MULT	BLDG	P SAFETY
112	POLICE	Renovate the Polygraph, Special Victims Unit, SRO Area	5			150,000				150,000	150,000	GF	BLDG	P SAFETY
113		BUILDINGS TOTAL		\$ 8,470,826	\$ 3,208,426	\$ 4,381,926	\$ 1,284,426	\$ 4,022,426	\$ 46,350,670	\$ 62,979,700	\$ 67,718,700			
114	ENGINEER	KIP 3100 Maintenance/Relacement	2		1,500		1,600		15,000	2,000	18,100	W&S	EQPT	P WORKS
115	FIRE	Zoll Cardia Monitor/Defibrillator	3	30,000						30,000	30,000	GF	EQPT	P SAFETY
116	HOUSING	Heating & Cooling/Mechanical & Electrical: Furnaces (Newburgh Village)	2	33,500	33,500	33,500	33,500	33,500	32,500	0	200,000	HOUS	EQPT	HOUS
117	HOUSING	Heating & Cooling/Mechanical & Electrical: Furnaces (Silver Village)	4	16,680	16,680	16,680	16,680	16,680	16,600	0	100,000	HOUS	EQPT	HOUS
118	INSP	Office Furniture (Inspection & Ordinance)	2				100,000			100,000	100,000	GF	EQPT	INSP
119	P WORKS	(3) Hoists with hydraulic front posts for Equipment Maintenance Section	1	40,000		40,000		40,000		120,000	120,000	GF	EQPT	P WORKS
120	P WORKS	(2) Complete sets, portable jacks for Equipment Maintenance Section	1	100,000	100,000					200,000	200,000	GF	EQPT	P WORKS
121	P WORKS	Larger capacity propane tank for Equipment Maintenance Section	1			30,000				30,000	30,000	GF	EQPT	P WORKS
122	P WORKS	Concrete grinding machine	1		75,000					75,000	75,000	ROAD	EQPT	P WORKS
123	P WORKS	Mezzanine Lift for Equipment Maintenance Section	2	40,000						40,000	40,000	GF	EQPT	P WORKS
124	P WORKS	Truck tire changer for Equipment Maintenance Section	2	30,000						30,000	30,000	GF	EQPT	P WORKS
125	P WORKS	Hydro Excavator (Water & Sewer Section)	2			300,000				300,000	300,000	W&S	EQPT	P WORKS
126	P WORKS	Larger Sized Roller	2		150,000					150,000	150,000	ROAD	EQPT	P WORKS
127	P WORKS	Small Sized Roller	2			75,000				75,000	75,000	ROAD	EQPT	P WORKS
128	P WORKS	Skid steer loader, plus attachments	2			120,000				120,000	120,000	GF	EQPT	P WORKS
129	P WORKS	Cement saw	2				25,000			25,000	25,000	ROAD	EQPT	P WORKS
130	P WORKS	Complete tool boxes for Mechanics for Equipment Maintenance Section (2-3 minium)	3	10,000		10,000		10,000		30,000	30,000	GF	EQPT	P WORKS
131	PARKS	Fitness Equipment 1/4 of cardio (20)	1	100,000	100,000	105,000	105,000	105,000	105,000	620,000	620,000	P&R	EQPT	P&R
132	PARKS	Ford Field Light Poles WC 9	1		35,000			100,000		0	135,000	GRANT	EQPT	P&R
133	PARKS	Idyl Wyld Greens Roller	1						15,000	15,000	15,000	GOLF	EQPT	P&R
134	PARKS	Idyl Wyld Greens Mower	1						28,000	28,000	28,000	GOLF	EQPT	P&R
135	PARKS	Fox Creek Bunker Rake	1				25,000			25,000	25,000	GOLF	EQPT	P&R
136	PARKS	Fox Creek Utility Cart	1				20,000			20,000	20,000	GOLF	EQPT	P&R
137	PARKS	Fox Creek Rainbird Satellite Boxes	1				18,000	10,000		28,000	28,000	GOLF	EQPT	P&R
138	PARKS	Whispering Willows Fairway & Trim Mowers	1				60,000			60,000	60,000	GOLF	EQPT	P&R
139	PARKS	Idyl Wyld Rough & Tee Mowers	1				78,000			78,000	78,000	GOLF	EQPT	P&R
140	PARKS	Fox Creek Pump Station	1					180,000		180,000	180,000	GOLF	EQPT	P&R

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY PROJECT TYPE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
141	PARKS	Whispering Willows Greens Mower	1					25,000		25,000	25,000	GOLF	EQPT	P&R
142	PARKS	Whispering Willows Sprayer	1					30,000		30,000	30,000	GOLF	EQPT	P&R
143	PARKS	Idyl Wyld Trap Rake	1					25,000		25,000	25,000	GOLF	EQPT	P&R
144	PARKS	Fox Creek Green & Tee Mowers	1			56,000			28,000	84,000	84,000	GOLF	EQPT	P&R
145	PARKS	Fox Creek Greens Roller	1			13,000			13,000	26,000	26,000	GOLF	EQPT	P&R
146	PARKS	Idyl Wyld Fairway Mower	1			30,000				30,000	30,000	GOLF	EQPT	P&R
147	PARKS	Fox Creek Sidewinder	1		36,000					36,000	36,000	GOLF	EQPT	P&R
148	PARKS	Fox Creek Utility Cart	1		10,000					10,000	10,000	GOLF	EQPT	P&R
149	PARKS	Whispering Willows Utility Cart	1		25,000					25,000	25,000	GOLF	EQPT	P&R
150	PARKS	Whispering Willows Fairway Mower	1		25,000					25,000	25,000	GOLF	EQPT	P&R
151	PARKS	Whispering Willows Greens Roller	1		15,000				15,000	30,000	30,000	GOLF	EQPT	P&R
152	PARKS	Idyl Wyld Tee Mower	1		28,000					28,000	28,000	GOLF	EQPT	P&R
153	PARKS	Whispering Willows Rough Mower	1			50,000				50,000	50,000	GOLF	EQPT	P&R
154	PARKS	Idyl Wyld Tractor	1	14,000						14,000	14,000	GOLF	EQPT	P&R
155	PARKS	Idyl Wyld Backhoe	1	7,000						7,000	7,000	GOLF	EQPT	P&R
156	PARKS	Fox Creek Rough Mower	1	50,000						50,000	50,000	GOLF	EQPT	P&R
157	PARKS	Whispering Willows Greens Mower	1	25,000						25,000	25,000	GOLF	EQPT	P&R
158	PARKS	Pool Motors/Slide	2		7,500	7,500		7,500	7,500	30,000	30,000	P&R	EQPT	P&R
159	PARKS	Floor scrubber	2		10,000				10,000	20,000	20,000	P&R	EQPT	P&R
160	PARKS	Pool Filter Media Replacement	2		20,000					20,000	20,000	P&R	EQPT	P&R
161	PARKS	Marquee Replacement	2		50,000					50,000	50,000	P&R	EQPT	P&R
162	PARKS	Compton Park shade structures & bleachers WC 8	2	13,000						0	13,000	GRANT	EQPT	P&R
163	PARKS	Fox Creek Rainbird Satellite Boxes	2			9,000			20,000	29,000	29,000	GOLF	EQPT	P&R
164	PARKS	Idyl Wyld Battery Replacement for Electric Carts	2			5,000				5,000	5,000	GOLF	EQPT	P&R
165	PARKS	Whispering Willows Utility Cart	2			8,000			34,000	42,000	42,000	GOLF	EQPT	P&R
166	PARKS	Idyl Wyld Buck for Tractor	2	3,000						3,000	3,000	GOLF	EQPT	P&R
167	PARKS	Furniture - Check in desk areas	3		10,000	10,000	10,000	10,000	10,000	50,000	50,000	P&R	EQPT	P&R
168	PARKS	Skate Park Ramps	3				20,000		20,000	40,000	40,000	P&R	EQPT	P&R
169	PARKS	Walking trail replacement	3				45,000			45,000	45,000	P&R	EQPT	P&R
170	PARKS	Inline Fence	3				15,000			15,000	15,000	P&R	EQPT	P&R
171	PARKS	Compton Park basketball courts WC 8	3					13,000		0	13,000	GRANT	EQPT	P&R
172	PARKS	Castle Gardens play structure WC9	3				75,000			0	75,000	GRANT	EQPT	P&R
173	PARKS	Liner for Leisure Pool	4				100,000			100,000	100,000	P&R	EQPT	P&R
174	PARKS	Tree Fort Reconfiguration	4				40,000			40,000	40,000	P&R	EQPT	P&R
175	PARKS	Selectorized weigh machines (16)	4				110,000			110,000	110,000	P&R	EQPT	P&R

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY PROJECT TYPE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
176	PARKS	Nottingham West play structure CDBG	4					35,000		0	35,000	GRANT	EQPT	P&R
177	PARKS	Elm Field play structure CDBG	4				35,000			0	35,000	GRANT	EQPT	P&R
178	PARKS	Dover Park play structure CDBG	4			35,000				0	35,000	GRANT	EQPT	P&R
179	PARKS	Ford Field batting cages WC 9	4						20,000	0	20,000	GRANT	EQPT	P&R
180	PARKS	Ford Field Disc Golf WC 9	4				15,000			0	15,000	GRANT	EQPT	P&R
181	POLICE	EOC Computer System	1	20,000						20,000	20,000	GF	EQPT	P SAFETY
182	POLICE	Rifles	1	15,000						0	15,000	FORF	EQPT	P SAFETY
183	POLICE	Night Vision	1	24,000						0	24,000	FORF	EQPT	P SAFETY
184	POLICE	GPS Trackers	1	22,000						0	22,000	FORF	EQPT	P SAFETY
185	POLICE	Prep Radios	1	48,000						0	48,000	911	EQPT	P SAFETY
186	POLICE	AED's for Scout cars	1	76,000						0	76,000	FORF	EQPT	P SAFETY
187	POLICE	Mobile and Prep Radios	1		40,000					0	40,000	911	EQPT	P SAFETY
188	POLICE	Replacement Tasers	3		175,000					175,000	175,000	GF	EQPT	P SAFETY
189	POLICE	Replacement Handguns	4		75,000					75,000	75,000	GF	EQPT	P SAFETY
190		EQUIPMENT TOTAL		\$ 717,180	\$ 1,038,180	\$ 953,680	\$ 947,780	\$ 640,680	\$ 389,600	\$ 3,770,000	\$ 4,687,100			
191	HOUSING	Site: Improvements, Paving, Walks Distribution (Tower No. 1)	3	1,700	1,700	1,700	1,700	1,700	1,500	0	10,000	MULT	LAND	HOUS
192	HOUSING	Site: Improvements, Paving, Walks Distribution (Tower No. 2)	3	16,750	16,750	16,750	16,750	16,750	16,250	0	100,000	MULT	LAND	HOUS
193	HOUSING	Site: Improvements (Scattered Site Homes)	3	16,750	16,750	16,750	16,750	16,750	16,250	0	100,000	MULT	LAND	HOUS
194	HOUSING	Site: Landscaping, Site Lighting, Walks, Drives (Newburgh Village)	3	50,000	50,000	50,000	50,000	50,000	50,000	0	300,000	HOUS	LAND	HOUS
195	HOUSING	Site: Landscaping, Walks (Silver Village)	4	12,500	12,500	12,500	12,500	12,500	12,500	0	75,000	HOUS	LAND	HOUS
196	INSP	Planning of New City Hall	2		150,000					150,000	150,000	GF	LAND	G GOVT
197	P WORKS	Storage Facility, BiCentennial Park (PARKS)	1		25,000					25,000	25,000	GF	LAND	P&R
198	P WORKS	Cement work and repair of parking lot for Equipment Maintenance Section	1		175,000					175,000	175,000	GF	LAND	P WORKS
199	P WORKS	LED lighting at all parking lots for Parks (PARKS)	2	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000	GF	LAND	P&R
200	P WORKS	Upgrade ball diamond lighting, BiCentennial Park (PARKS)	2			200,000				200,000	200,000	GF	LAND	P&R
201	P WORKS	Upgrade ball diamond lighting, Ford Field (Parks Section)(PARKS)	2				200,000			200,000	200,000	GF	LAND	P&R
202	P WORKS	Upgrade Comfort Station, Ford Field (PARKS)	2			50,000				50,000	50,000	GF	LAND	P&R
203	P WORKS	Upgrade Comfort Station, Rotary Park (PARKS)	2				50,000			50,000	50,000	GF	LAND	P&R
204	P WORKS	Tennis Court Rehabilitation throughout City (PARKS)	2	100,000	100,000	100,000	100,000	100,000	100,000	600,000	600,000	GF	LAND	P&R
205	P WORKS	Update picnic pavilions at City Parks (PARKS)	3	20,000	20,000	20,000	20,000	20,000	20,000	120,000	120,000	GF	LAND	P&R
206	P WORKS	Property Acquisition	3		250,000					250,000	250,000	MULT	LAND	P WORKS
207	PARKS	Botsford Pool Remarcite	1	40,000						0	40,000	GRANT	LAND	P&R
208	PARKS	Fox Creek Drainage #7 & 13	1		25,000					25,000	25,000	GOLF	LAND	P&R
209	PARKS	Idyl Wyld Cart Path Repairs	1		5,000					5,000	5,000	GOLF	LAND	P&R
210	PARKS	Idyl Wyld #18 Bridge repairs	1	20,000						20,000	20,000	GOLF	LAND	P&R

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY PROJECT TYPE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
211	PARKS	Fox Creek Cart Path Repairs	1	8,000						8,000	8,000	GOLF	LAND	P&R
212	PARKS	Fox Creek pavers around clubhouse	1	7,000						7,000	7,000	GOLF	LAND	P&R
213	PARKS	Whispering Willows Pond Intake Repairs	1	10,000						10,000	10,000	GOLF	LAND	P&R
214	PARKS	Whispering Willows bunker sand	1	6,000						6,000	6,000	GOLF	LAND	P&R
215	PARKS	Idyl Wyld #15 Covert	1					5,000		5,000	5,000	GOLF	LAND	P&R
216	PARKS	Rotary Park Trail Directional Signs WC 9	2		5,000					0	5,000	GRANT	LAND	P&R
217	PARKS	Greenmead Dog Park WC 9	2		60,000					0	60,000	GRANT	LAND	P&R
218	PARKS	Pride's Court playground structure CDBG	2		35,000					0	35,000	GRANT	LAND	P&R
219	PARKS	Idyl Wyld Paving	2		20,000					20,000	20,000	GOLF	LAND	P&R
220	PARKS	Idyl Wyld Drainage repairs	2		5,000					5,000	5,000	GOLF	LAND	P&R
221	PARKS	Idyl Wyld Tees & drainage	2	20,000						20,000	20,000	GOLF	LAND	P&R
222	PARKS	LCRC Parking Lot	2				50,000	50,000	50,000	150,000	150,000	P&R	LAND	P&R
223	PARKS	Parking lot Mill and replace	3					120,000		120,000	120,000	P&R	LAND	P&R
224	PARKS	Sidewalk replacement	3		10,000		10,000		10,000	30,000	30,000	P&R	LAND	P&R
225	PARKS	Botsford Pool Splash Pad WC 9	3						300,000	50,000	300,000	GRANT	LAND	P&R
226	PARKS	Golfview Nature Preserve signage WC 9	3			10,000				0	10,000	GRANT	LAND	P&R
227	PARKS	Dooley Park trail resurfacing	3						13,000	0	13,000	GRANT	LAND	P&R
228	PARKS	Hillcrest Park trail to structure WC 9	3			25,000				0	25,000	GRANT	LAND	P&R
229	PARKS	Parking Lot Sealer 117,000 sq. ft. reline	4		12,000					12,000	12,000	P&R	LAND	P&R
230	PARKS	Resurface Outdoor Rink	4		10,000					10,000	10,000	P&R	LAND	P&R
231	PARKS	McCann Park drainage WC 9	4			50,000				0	50,000	GRANT	LAND	P&R
232		LAND PURCHASE OR IMPROVEMENT TOTAL		\$ 528,700	\$ 1,204,700	\$ 752,700	\$ 727,700	\$ 592,700	\$ 789,500	\$ 3,523,000	\$ 4,596,000			
233	ENGINEER	Modernization of Conference Rooms to include Smart Board displays, etc.	2	5,000						5,000	5,000	GF	OTH	P WORKS
234	ENGINEER	Rear Yard Drainage Issues	2	40,000	40,000	40,000	40,000	40,000	40,000	240,000	240,000	GF	OTH	P WORKS
235	ENGINEER	Storm Sewer Repairs (Outfalls)	1	10,000		15,000		20,000		45,000	45,000	GF	OTH	P WORKS
236	ENGINEER	Detention Basin Maintenance	1	15,000	30,000	30,000	30,000	30,000	30,000	165,000	165,000	GF	OTH	P WORKS
237	HOUSING	Newburgh Village #2 Bonds	1		4,000,000	4,000,000				0	8,000,000	BOND	OTH	HOUS
238	P WORKS	Modernize Conference Rooms to include Smart Board displays, beverage cooler, ceiling projectors, updated televisions, etc.	1	5,000						5,000	5,000	GF	OTH	P WORKS
239	P WORKS	Meter Updates/Installation throughout City (Water & Sewer Section)	1	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000	6,000,000	W&S	OTH	P WORKS
240	P WORKS	Selective Slab Replacement (Tree related) (PARKS)	1	120,000	120,000	120,000	120,000	120,000	120,000	720,000	720,000	ROAD	OTH	P WORKS
241	P WORKS	Sidewalk Slab Replacement at City Parks (PARKS)	1	20,000	20,000	20,000	20,000	20,000	20,000	120,000	120,000	ROAD	OTH	P WORKS
242	P WORKS	Furniture	2	5,000		5,000		5,000		15,000	15,000	GF	OTH	P WORKS
243	P WORKS	Carpeting throughout DPW buildings	3	3,000		3,000		3,000	3,000	12,000	12,000	GF	OTH	P WORKS
244	P WORKS	Update play structures at City Parks (PARKS)	3	50,000	50,000	50,000	50,000	50,000	50,000	300,000	300,000	GF	OTH	P&R
245	P WORKS	Pool Bathhouse Rehabilitation, City Pools (PARKS)	3			500,000	500,000	500,000		1,500,000	1,500,000	GF	OTH	P&R

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY PROJECT TYPE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
246	PARKS	Duct Cleaning	2	25,000	25,000	15,000	15,000			80,000	80,000	P&R	OTH	P&R
247		OTHER TOTAL		\$ 1,298,000	\$ 5,285,000	\$ 5,798,000	\$ 1,775,000	\$ 1,788,000	\$ 1,263,000	\$ 9,207,000	\$ 17,207,000			
248	COM RES	Greenmead Paving - new	2				177,000			177,000	177,000	ROAD	PAV	P WORKS
249	COM RES	Greenmead Entrances - new build	3				30,000			30,000	30,000	ROAD	PAV	P WORKS
250	ENGINEER	Local Road Program-Pavement (Reconstruction)	1	3,000,000	2,500,000	2,000,000	2,000,000	2,000,000	2,750,000	14,250,000	14,250,000	ROAD	PAV	P WORKS
251	ENGINEER	Local Road Program-Pavement (Rehabilitation)	1	1,200,000	1,750,000	2,500,000	2,750,000	3,000,000	3,750,000	14,950,000	14,950,000	ROAD	PAV	P WORKS
252	ENGINEER	Local Road Program-Pavement (Maintenance)	1	210,000	250,000	750,000	1,000,000	1,250,000	1,500,000	4,960,000	4,960,000	ROAD	PAV	P WORKS
253	ENGINEER	Local Road Program-Pavement - Joint & Crack Sealing (Maintenance)	1	95,000	200,000	225,000	250,000	275,000	300,000	1,345,000	1,345,000	ROAD	PAV	P WORKS
254	ENGINEER	Local Road Program-Pavement - Lane Line Marking (Maintenance)	1	95,000	105,000	110,000	120,000	125,000	135,000	690,000	690,000	ROAD	PAV	P WORKS
255	ENGINEER	Ann Arbor Trail (Eckles Road to Newburgh Road)	1		85,000	275,000				360,000	360,000	ROAD	PAV	P SAFETY
256	ENGINEER	Five Mile Road (Eckles to Farmington Road) - Resurfacing	1					250,000	125,000	375,000	375,000	ROAD	PAV	P SAFETY
257	ENGINEER	Stark Road (Schoolcraft to Lyndon)	1			50,000	125,000			175,000	175,000	ROAD	PAV	P SAFETY
258	ENGINEER	Lyndon (East & Westbound) (Farmington to Stark) - Resurfacing	1			40,000	100,000			140,000	140,000	ROAD	PAV	P SAFETY
259	ENGINEER	I-275 (5 Mile to 8 Mile) - Rehabilitation	1	500,000	75,000					575,000	575,000	ROAD	PAV	P SAFETY
260	ENGINEER	Gill Road (7 Mile to 8 Mile Road) - Rehabilitation	1			55,000	225,000			280,000	280,000	ROAD	PAV	P SAFETY
261	ENGINEER	Farmington Road (Plymouth to Schoolcraft) - Rehabilitation	1			140,000				140,000	140,000	ROAD	PAV	P SAFETY
262	ENGINEER	Joy Road (Newburgh to Wayne)	1				150,000			150,000	150,000	ROAD	PAV	P SAFETY
263	ENGINEER	Seven Mile Road (Newburgh Road to Farmington) - Rehabilitation	1	200,000						200,000	200,000	ROAD	PAV	P SAFETY
264	ENGINEER	Baseline Road (Eight Mile) (Ellen to Farmington)	1	150,000						150,000	150,000	ROAD	PAV	P SAFETY
265	ENGINEER	Schoolcraft (Eastbound & Westbound) Corridor Improvement Projects	1			100,000	325,000			425,000	425,000	ROAD	PAV	P SAFETY
266	ENGINEER	Amerhein Road (3,500' West of Eckles to Asphalt Segment) - Concrete Reconstruct	1	105,000	400,000					505,000	505,000	ROAD	PAV	P SAFETY
267	ENGINEER	Merriman Road (Joy to Plymouth Road) - Rehabilitation	1			130,000				130,000	130,000	ROAD	PAV	P SAFETY
268	ENGINEER	Inkster Road (5 Mile Road to 7 Mile Road) - Resurfacing	1			125,000	150,000			275,000	275,000	ROAD	PAV	P SAFETY
269	ENGINEER	Farmington Road (Schoolcraft to 5 Mile Road) - Resurfacing	1				150,000			150,000	150,000	ROAD	PAV	P SAFETY
270	ENGINEER	Farmington Road (6 Mile Road to 7 Mile Road)	1		150,000					150,000	150,000	ROAD	PAV	P WORKS
271	ENGINEER	Farmington Road (7 Mile to 8 Mile Road) - Resurfacing	1	135,000						135,000	135,000	ROAD	PAV	P SAFETY
272	ENGINEER	Sidewalk Repairs	1	435,000	475,000	500,000	550,000	600,000	650,000	3,210,000	3,210,000	GF	PAV	P WORKS
273	ENGINEER	Parking Lot Striping	1	10,000	15,000	10,000	15,000	10,000	15,000	75,000	75,000	GF	PAV	P WORKS
274	ENGINEER	Parking Lot Repairs and Paving	1	30,000	50,000	50,000	30,000	50,000	50,000	260,000	260,000	GF	PAV	P WORKS
275	ENGINEER	Pave Gravel Roads	3			75,000		100,000		175,000	175,000	ROAD	PAV	P WORKS
276	ENGINEER	Bike Path Program & Lanes throughout City	2	50,000	100,000	100,000	100,000	100,000	100,000	550,000	550,000	GF	PAV	TRSP
277	P WORKS	Walking Path improvements at City Parks (PARKS)	2		100,000					100,000	100,000	GF	PAV	P&R
278	P WORKS	Parking lot restriping at parking lots of City parks (PARKS)	2		15,000	15,000	15,000	15,000	15,000	75,000	75,000	ROAD	PAV	P&R
279		PAVING INFRASTRUCTURE TOTAL		\$ 6,215,000	\$ 6,270,000	\$ 7,250,000	\$ 8,262,000	\$ 7,775,000	\$ 9,390,000	\$ 45,162,000	\$ 45,162,000			
280	ENGINEER	Update all computer software and obtain tablets for Engineering Inspectors	2	5,000	5,000		5,000			15,000	15,000	GF	TECH	P WORKS

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY PROJECT TYPE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
281	ENGINEER	Obtain new KIP Scanner/Copier	2		15,000					15,000	15,000	GF	TECH	P WORKS
282	ENGINEER	Traffic Signal Modernizations at Fire Stations	1	175,000						175,000	175,000	MILL	TECH	P SAFETY
283	ENGINEER	Battery Back-Up/Transfer Switches for Traffic Signals	3		7,500		10,000		15,000	32,500	32,500	MILL	TECH	P WORKS
284	ENGINEER	Civil 3D AutoCAD Software and License	2		6,500		7,000		7,500	3,500	21,000	W&S	TECH	P WORKS
285	ENGINEER	Computer Equipment/Printers/Office Supplies/Camera	2	5,000		6,500		7,500		3,000	19,000	GF	TECH	P WORKS
286	INSP	Conversion & Indexing of files to laserfiche (INSPECTION & ORDINANCE)	1		176,900					176,900	176,900	GF	TECH	INSP
287	INSP	Conversion & Indexing of files to laserfiche (Zonig Board of Appeals)	1		40,000					40,000	40,000	GF	TECH	INSP
288	INSP	Conversion & Indexing of files to laserfiche (INSPECTION & ORDINANCE)	1			36,600				36,600	36,600	GF	TECH	INSP
289	IS	Replace two Servers	1	\$ 8,200						8,200	8,200	GF	TECH	G GOVT
290	IS	LaserFiche Web Portal	1	\$ 30,000						30,000	30,000	GF	TECH	G GOVT
291	IS	Fiber	1	\$ 15,000						15,000	15,000	GF	TECH	G GOVT
292	IS	Fiber	1	\$ 130,349						130,349	130,349	GF	TECH	G GOVT
293	IS	Security Cameras	1	\$ 62,521						62,521	62,521	GF	TECH	G GOVT
294	IS	Microsoft Office 365 E3 Plan	1	\$ 24,500						24,500	24,500	GF	TECH	G GOVT
295	IS	Microsoft Office Licensing	1	\$ 68,250						68,250	68,250	GF	TECH	G GOVT
296	IS	Microsoft Core CAL Licensing	1	\$ 71,750						71,750	71,750	GF	TECH	G GOVT
297	IS	Replace Server Virtual Environment and SAN	1		110,000					110,000	110,000	GF	TECH	G GOVT
298	IS	Replace UPS for Computer Room	2			25,000				25,000	25,000	GF	TECH	G GOVT
299	IS	Replace Liebert AC in Computer Room	2				12,000			12,000	12,000	GF	TECH	G GOVT
300	IS	Upgrade City Hall to Cat-6 Cabling	2				125,000			125,000	125,000	GF	TECH	G GOVT
301	IS	Upgrade Library to Cat-6 Cabling	2					80,000		80,000	80,000	GF	TECH	G GOVT
302	IS	Expand WiFi	3		10,000			50,000		60,000	60,000	GF	TECH	G GOVT
303	IS	Develop a Mobile App	3		12,500					12,500	12,500	GF	TECH	G GOVT
304	IS	Implement Office 365	1		92,000					92,000	92,000	GF	TECH	G GOVT
305	IS	Replace/Upgrade Phone System	3		450,000					450,000	450,000	GF	TECH	G GOVT
306	IS	Develop Disaster Recovery Location	4					150,000		150,000	150,000	GF	TECH	G GOVT
307	IS	Expand Security Camera System	3		12,000	12,000	45,000	5,000		74,000	74,000	GF	TECH	G GOVT
308	P WORKS	Computers, monitors, desktops, software, miscallenous updates	2	5,000	5,000	5,000	5,000	5,000	5,000	30,000	30,000	GF	TECH	P WORKS
309	P WORKS	Computers updated: larger monitors; Scanner and Copier purchased for Equipment Maintenance Section	2		5,000		3,000		3,000	11,000	11,000	GF	TECH	P WORKS
310	P WORKS	Tablets and software for all employees in field (Water & Sewer Section)	2	5,000	5,000	5,000	5,000			20,000	20,000	W&S	TECH	P WORKS
311	P WORKS	Software upgrades, updates and computers (Sign Shop)	2				40,000			40,000	40,000	GF	TECH	P WORKS
312	PARKS	Fox Creek Irrigation Computer & Software	1	10,000						10,000	10,000	GOLF	TECH	P&R
313	PARKS	Whispering Willows Irrigation Computer & Software	1	10,000						10,000	10,000	GOLF	TECH	P&R
314	PARKS	Computers	2	8,000	8,000	8,000	8,000	8,000	8,000	48,000	48,000	P&R	TECH	P&R
315	POLICE	Computer Network Server	1	15,000						15,000	15,000	GF	TECH	P SAFETY

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY PROJECT TYPE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
316	POLICE	In-Car Modems	1	45,000						45,000	45,000	GF	TECH	P SAFETY
317	POLICE	Computers	1	42,600						42,600	42,600	GF	TECH	P SAFETY
318	POLICE	Forensic Computer	1	14,750						14,750	14,750	GF	TECH	P SAFETY
319	POLICE	Email & Internet Server	1		50,000					50,000	50,000	GF	TECH	P SAFETY
320	POLICE	Desktop Computers	1			50,000		50,000		100,000	100,000	GF	TECH	P SAFETY
321	POLICE	Mobile Data Computer (In-Car) Replacement	1				180,000			180,000	180,000	GF	TECH	P SAFETY
322	POLICE	In-Car Video System Replacement	1			300,000				300,000	300,000	GF	TECH	P SAFETY
323	POLICE	Body Cameras and Storage Solution	2		600,000					600,000	600,000	GF	TECH	P SAFETY
324	POLICE	Wireless Network for Police Campus	3		50,000					50,000	50,000	GF	TECH	P SAFETY
325	POLICE	Forensic Computer Lab	5			100,000				100,000	100,000	GF	TECH	P SAFETY
326		TECHNOLOGY TOTAL		\$ 750,920	\$ 1,660,400	\$ 548,100	\$ 445,000	\$ 355,500	\$ 38,500	\$ 3,764,920	\$ 3,798,420			
327	ENGINEER	Replace (1) Pickup truck for field use	2			55,000				55,000	55,000	GF	VEH	P WORKS
328	ENGINEER	Replace (2) vehicles [Cars]	3			30,000		30,000		60,000	60,000	GF	VEH	P WORKS
329	FIRE	Repalcement LADDER 1	1			800,000				800,000	800,000	GF	VEH	P SAFETY
330	FIRE	Replacement Squad 1 & 5	1				500,000			500,000	500,000	GF	VEH	P SAFETY
331	FIRE	Replacement Squad 6	1					255,000		255,000	255,000	GF	VEH	P SAFETY
332	FIRE	Replacement Squad 3	1						260,000	260,000	260,000	GF	VEH	P SAFETY
333	FIRE	Repalcement Squad 4	2		245,000					245,000	245,000	GF	VEH	P SAFETY
334	FIRE	Replace BC-1 command vehicle (Suburban)	2			60,000				60,000	60,000	GF	VEH	P SAFETY
335	FIRE	Appratus Maintenance Vehicle	2				85,000			85,000	85,000	GF	VEH	P SAFETY
336	FIRE	FD Utility Pickup Truck	3	35,000						35,000	35,000	GF	VEH	P SAFETY
337	INSP	New City Vehicles	2						400,000	400,000	400,000	GF	VEH	INSP
338	P WORKS	Update Pickup trucks for various DPW Sections (8)	1	560,000	588,000	617,400	648,270	680,683	714,717	3,809,070	3,809,070	GF	VEH	P WORKS
339	P WORKS	Update service trucks and equipment, Water & Sewer Section	1	800,000	800,000	800,000	800,000	800,000		4,000,000	4,000,000	W&S	VEH	P WORKS
340	P WORKS	Update service vehicles, field work (4 vans), Water & Sewer Section	1	200,000	200,000	200,000	200,000			800,000	800,000	W&S	VEH	P WORKS
341	P WORKS	Single Axle Dump Trucks - (2) total	1		200,000		200,000			400,000	400,000	ROAD	VEH	P WORKS
342	P WORKS	Single Axle Dump Trucks with Swamp Loaders - (4) total	1		500,000	500,000				1,000,000	1,000,000	W&S	VEH	P WORKS
343	P WORKS	Tandem Dump Trucks - (2) total)	1			540,000				540,000	540,000	ROAD	VEH	P WORKS
344	P WORKS	Mowers for Parks Section, (2) each year (PARKS)	1	26,000	26,000	26,000	26,000	26,000	26,000	156,000	156,000	GF	VEH	P&R
345	P WORKS	Gators for Parks Section, (2) each year (PARKS)	1	24,000	24,000	24,000	24,000	24,000	24,000	144,000	144,000	GF	VEH	P&R
346	P WORKS	Float tractor for Parks Section (PARKS)	1	15,000		15,000		15,000		45,000	45,000	GF	VEH	P&R
347	P WORKS	John Deere tractors for Parks Section, (3) each year (PARKS)	1				75,000	75,000	75,000	225,000	225,000	GF	VEH	P&R
348	P WORKS	Backhoes for multiple Sections, DPW	1		100,000	100,000				200,000	200,000	GF	VEH	G GOVT
349	P WORKS	Chippers for Roads Section, (5) total	1		90,000	180,000	180,000			450,000	450,000	ROAD	VEH	P WORKS
350	P WORKS	Update Leaf Equipment, 2 each year (12 total)	1	60,000	60,000	60,000	60,000	60,000	60,000	360,000	360,000	REFUSE	VEH	P WORKS

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY PROJECT TYPE
CITY OF LIVONIA, MICHIGAN

LINE NO.	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
351	P WORKS	Self-contained Leaf Vacuums, (3) total	1		100,000	100,000	100,000			300,000	300,000	REFUSE	VEH	P WORKS
352	P WORKS	Update claw machine for leaf season, (3) total	1		15,000	15,000	15,000			45,000	45,000	REFUSE	VEH	P WORKS
353	P WORKS	Street Sweeper	1		275,000					275,000	275,000	ROAD	VEH	P WORKS
354	P WORKS	Aerial Lift for Forestry Section	2				200,000			200,000	200,000	GF	VEH	P WORKS
355	P WORKS	Aerial bucket vans for Building Maint Section - (2) total	2				120,000	120,000		240,000	240,000	GF	VEH	P WORKS
356	POLICE	Vehicles	1	481,000	\$ 505,100	\$ 530,300	\$ 556,800	\$ 584,700	\$ 613,900	2,159,400	3,271,800	MULT	VEH	P SAFETY
357	POLICE	Overheads	1	28,000						28,000	28,000	GF	VEH	P SAFETY
358		VEHICLE TOTAL		\$ 2,229,000	\$ 3,728,100	\$ 4,652,700	\$ 3,790,070	\$ 2,670,383	\$ 2,173,617	\$ 18,131,470	\$ 19,243,870			
359	COM RES	Storm Sewers - underground drainage	4						194,000	194,000	194,000	GF	W&S	P WORKS
360	ENGINEER	Water Master Plan Improvement	1		1,000,000	1,500,000	1,250,000	1,500,000	1,500,000	6,750,000	6,750,000	W&S	W&S	P WORKS
361	P WORKS	Catch basin structure rebuilds at City parks (PARKS)	2		30,000	30,000	30,000	30,000	30,000	150,000	150,000	W&S	W&S	P&R
362	P WORKS	Excavator for Water & Sewer Section	2		175,000					175,000	175,000	W&S	W&S	P WORKS
363	P WORKS	Trailer for Excavator for Water & Sewer Section	2		30,000					30,000	30,000	W&S	W&S	P WORKS
364	P WORKS	Footing Drain Disconnect Program	2	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	3,000,000	W&S	W&S	P WORKS
365		WATER & SEWER INFRASTRUCTURE TOTAL		\$ 500,000	\$ 1,735,000	\$ 2,030,000	\$ 1,780,000	\$ 2,030,000	\$ 2,224,000	\$ 10,299,000	\$ 10,299,000			
366		GRAND TOTAL		20,709,626	24,129,806	26,367,106	19,011,976	19,874,689	62,618,887	156,837,090	172,712,090			

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY AREA BENEFIT
CITY OF LIVONIA, MICHIGAN

	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
1	COM RES	Greenhouse - rebuilt/restoration	1	7,000	37,000					44,000	44,000	MULT	BLDG	CULTURE
2	COM RES	Nankin Mills School - moving & restoration	1	140,000	100,000					240,000	240,000	MULT	BLDG	CULTURE
3	COM RES	Hill House Museum - interior restoration	3	10,000	20,000	20,000				50,000	50,000	MULT	BLDG	CULTURE
4	COM RES	South Barn - restoration	3			73,000				73,000	73,000	MULT	BLDG	CULTURE
5	COM RES	History House - restoration, new foundation	4					100,000		100,000	100,000	MULT	BLDG	CULTURE
6	COM RES	North Carriage House - restoration 1st & 2nd floor	4						70,800	70,800	70,800	MULT	BLDG	CULTURE
7	COM RES	Blue Office - interior restoration	4						37,000	37,000	37,000	MULT	BLDG	CULTURE
8	COM RES	Foundation Stone on Church, Parsonage & Bungalow	5				18,000			18,000	18,000	MULT	BLDG	CULTURE
9	COM RES	DUR (Detroit United Railway) Building - interior restoration & platform rebuilt	5			10,000				10,000	10,000	MULT	BLDG	CULTURE
10	COM RES	South Carriage House - new build from pictures	5						50,000	50,000	50,000	MULT	BLDG	CULTURE
11	LIBRARY	Hire movers to help with re-do of 1st floor Civic Center	1	5,000						5,000	5,000	LIB	BLDG	CULTURE
12	LIBRARY	Carpeting 3rd floor of Civic Center	1	18,000						18,000	18,000	LIB	BLDG	CULTURE
13	LIBRARY	Replace patron chairs Civic Center	1	48,000						48,000	48,000	LIB	BLDG	CULTURE
14	LIBRARY	Carpeting Sandburg Library	1	25,000						25,000	25,000	LIB	BLDG	CULTURE
15	LIBRARY	Carpeting Noble Library	1	30,000						30,000	30,000	LIB	BLDG	CULTURE
16	LIBRARY	Replace ceiling tiles Civic Center	1		30,000					30,000	30,000	LIB	BLDG	CULTURE
17	LIBRARY	Build 3 group study rooms Civic Center	1		30,000					30,000	30,000	LIB	BLDG	CULTURE
18	LIBRARY	Paint/wallpaper 3rd floor Civic Center	1		12,000					12,000	12,000	LIB	BLDG	CULTURE
19	LIBRARY	Rewire 2nd floor west wing Civic Center	1			10,000				10,000	10,000	LIB	BLDG	CULTURE
20	LIBRARY	New study carrels & chairs 2nd floor west wing	1			10,500				10,500	10,500	LIB	BLDG	CULTURE
21	LIBRARY	Paint/wallpaper 1st & 2nd floor Civic Center	1			50,000				50,000	50,000	LIB	BLDG	CULTURE
22	LIBRARY	Recarpet 1st & 2nd floor & freight elevator Civic Center	1				90,000			90,000	90,000	LIB	BLDG	CULTURE
23	LIBRARY	Redesign circ, browsing & reference desks Civic Center	1					30,000		30,000	30,000	LIB	BLDG	CULTURE
24	LIBRARY	Replace carpet & seating in auditorium Civic Center	1						55,000	55,000	55,000	LIB	BLDG	CULTURE
25		CULTURAL TOTAL		\$ 283,000	\$ 229,000	\$ 173,500	\$ 108,000	\$ 130,000	\$ 212,800	\$ 1,136,300	\$ 1,136,300			
26	INSP	Planning of New City Hall	2		150,000					150,000	150,000	GF	LAND	G GOVT
27	IS	Replace two Servers	1	\$ 8,200						8,200	8,200	GF	TECH	G GOVT
28	IS	LaserFiche Web Portal	1	\$ 30,000						30,000	30,000	GF	TECH	G GOVT
29	IS	Fiber	1	\$ 15,000						15,000	15,000	GF	TECH	G GOVT
30	IS	Fiber	1	\$ 130,349						130,349	130,349	GF	TECH	G GOVT
31	IS	Security Cameras	1	\$ 62,521						62,521	62,521	GF	TECH	G GOVT
32	IS	Microsoft Office 365 E3 Plan	1	\$ 24,500						24,500	24,500	GF	TECH	G GOVT
33	IS	Microsoft Office Licensing	1	\$ 68,250						68,250	68,250	GF	TECH	G GOVT
34	IS	Microsoft Core CAL Licensing	1	\$ 71,750						71,750	71,750	GF	TECH	G GOVT

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY AREA BENEFIT
CITY OF LIVONIA, MICHIGAN

	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
35	IS	Replace Server Virtual Environment and SAN	1		110,000					110,000	110,000	GF	TECH	G GOVT
36	IS	Replace UPS for Computer Room	2			25,000				25,000	25,000	GF	TECH	G GOVT
37	IS	Replace Liebert AC in Computer Room	2				12,000			12,000	12,000	GF	TECH	G GOVT
38	IS	Upgrade City Hall to Cat-6 Cabling	2				125,000			125,000	125,000	GF	TECH	G GOVT
39	IS	Upgrade Library to Cat-6 Cabling	2					80,000		80,000	80,000	GF	TECH	G GOVT
40	IS	Expand Wi-Fi	3		10,000			50,000		60,000	60,000	GF	TECH	G GOVT
41	IS	Develop a Mobile App	3		12,500					12,500	12,500	GF	TECH	G GOVT
42	IS	Implement Office 365	1		92,000					92,000	92,000	GF	TECH	G GOVT
43	IS	Replace/Upgrade Phone System	3		450,000					450,000	450,000	GF	TECH	G GOVT
44	IS	Develop Disaster Recovery Location	4					150,000		150,000	150,000	GF	TECH	G GOVT
45	IS	Expand Security Camera System	3		12,000	12,000	45,000	5,000		74,000	74,000	GF	TECH	G GOVT
46	P WORKS	Replace HVAC air handler units, City Hall (Building Maint)	1	750,000						750,000	750,000	GF	BLDG	G GOVT
47	P WORKS	Complete Energy Management Upgrade to Honeywell system for all out buildings (Building Maint)	1	100,000	75,000	50,000				225,000	225,000	GF	BLDG	G GOVT
48	P WORKS	Mechanical upgrades (Building Maint)	1	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000	GF	BLDG	G GOVT
49	P WORKS	Lighting upgrades to City Buildings, convert to LED lighting (Building Maint)	1	20,000	20,000	15,000				55,000	55,000	GF	BLDG	G GOVT
50	P WORKS	Install generator for Annex (Building Maint)	1	105,000						105,000	105,000	GF	BLDG	G GOVT
51	P WORKS	Replace boilers and air handler in Annex (Building Maint)	1						105,000	105,000	105,000	GF	BLDG	G GOVT
52	P WORKS	Backhoes for multiple Sections, DPW	1		100,000	100,000				200,000	200,000	GF	VEH	G GOVT
53	P WORKS	Repair or replace boiler expansion tank (Building Maint)	1	20,000						20,000	20,000	GF	BLDG	G GOVT
54	P WORKS	Replace HVAC equipment at Kingsley & Shaw Houses (Building Maint)	1	15,000						15,000	15,000	GF	BLDG	G GOVT
55	P WORKS	Replace City Hall and Civic Center Library Fire Alarm Panels	1	75,000						75,000	75,000	GF	BLDG	G GOVT
56	P WORKS	Replace electrical panels in Annex (Building Maint)	1	25,000						25,000	25,000	GF	BLDG	G GOVT
57	P WORKS	Reseal Civic Center Library atrium lights (Building Maint)	1	25,000						25,000	25,000	LIB	BLDG	G GOVT
58	P WORKS	Insulate outer tower office walls at City Hall (Building Maint)	1	20,000						20,000	20,000	GF	BLDG	G GOVT
59	P WORKS	Replace ceramic floor tile in City Hall lobby (Building Maint)	1			115,000				115,000	115,000	GF	BLDG	G GOVT
60	P WORKS	Install generator at Senior Center (Building Maint)	2			110,000				110,000	110,000	GF	BLDG	G GOVT
61	P WORKS	Reroof Sections I, G, H, E & F at Senior Center (Building Maint)	2			130,000				130,000	130,000	GF	BLDG	G GOVT
62	P WORKS	Reroof Noble Library (Building Maint)	2					175,000		175,000	175,000	LIB	BLDG	G GOVT
63	P WORKS	Replace boiler and A/C at Noble Library (Building Maint)	2			95,000				95,000	95,000	GF	BLDG	G GOVT
64	P WORKS	Replace boiler at Sandburg Library (Building Maint)	2			25,000				25,000	25,000	LIB	BLDG	G GOVT
65	P WORKS	Replace HVAC equipment on Senior Center (Building Maint)	2		35,000					35,000	35,000	GF	BLDG	G GOVT
66	P WORKS	Clean and restore exterior of Civic Center Library (Building Maint)	2		50,000					50,000	50,000	LIB	BLDG	G GOVT

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY AREA BENEFIT
CITY OF LIVONIA, MICHIGAN

	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
67	P WORKS	Install generator for Building #013 (Building Maint)	3				120,000			120,000	120,000	GF	BLDG	G GOVT
68	P WORKS	Reroof Parks Maint Garages at Bicentennial and Rotary Parks (Building Maint)	3				15,000			15,000	15,000	GF	BLDG	G GOVT
69	P WORKS	Reroof Sandburg Library (Building Maint)	3					195,000		195,000	195,000	LIB	BLDG	G GOVT
70	P WORKS	Replace HVAC equipment at Hinbern House & Garage (Building Maint)	3			12,000				12,000	12,000	GF	BLDG	G GOVT
71	P WORKS	Replace HVAC equipment at Carriage House & School (Building Maint)	3				16,000			16,000	16,000	GF	BLDG	G GOVT
72	P WORKS	Replace HVAC equipment in Blue House (Building Maint)	3					25,000		25,000	25,000	GF	BLDG	G GOVT
73		GENERAL GOVERNMENT		\$ 1,765,570	\$ 1,316,500	\$ 889,000	\$ 533,000	\$ 880,000	\$ 305,000	\$ 5,689,070	\$ 5,689,070			
74	HOUSING	Dwelling Units: Finishes, In-Unit Mech & Electrical, Other (Tower No. 1)	2	41,669	41,669	41,669	41,669	41,669	41,655	0	250,000	MULT	BLDG	HOUS
75	HOUSING	Site: Improvements, Paving, Walks Distribution (Tower No. 1)	3	1,700	1,700	1,700	1,700	1,700	1,500	0	10,000	MULT	LAND	HOUS
76	HOUSING	Building: Entry, Walls, Windows, Interior, Other Spaces (Tower No. 1)	4	16,750	16,750	16,750	16,750	16,750	16,250	0	100,000	MULT	BLDG	HOUS
77	HOUSING	Dwelling Units: Finishes, Kitchen, In-Unit Mech & Electrical, Other (Tower No. 2)	2	41,669	41,669	41,669	41,669	41,669	41,655	0	250,000	MULT	BLDG	HOUS
78	HOUSING	Site: Improvements, Paving, Walks Distribution (Tower No. 2)	3	16,750	16,750	16,750	16,750	16,750	16,250	0	100,000	MULT	LAND	HOUS
79	HOUSING	Building: Entry, Walls, Windows, Interior, Other Spaces (Tower No. 2)	4	25,000	25,000	25,000	25,000	25,000	25,000	0	150,000	MULT	BLDG	HOUS
80	HOUSING	Site: Improvements (Scattered Site Homes)	3	16,750	16,750	16,750	16,750	16,750	16,250	0	100,000	MULT	LAND	HOUS
81	HOUSING	Building: Structure, Entry, Windows (Scattered Site Homes)	4	33,500	33,500	33,500	33,500	33,500	32,500	0	200,000	MULT	BLDG	HOUS
82	HOUSING	Dwelling Units: Finishes, Kitchens, Bathrooms, In-Unit Mech/Electrical (Scattered Site Homes)	4	83,500	83,500	83,500	83,500	83,500	82,500	0	500,000	MULT	BLDG	HOUS
83	HOUSING	Buildings: Structures, Windows, Walls (Newburgh Village)	2	83,500	83,500	83,500	83,500	83,500	82,500	0	500,000	HOUS	BLDG	HOUS
84	HOUSING	Heating & Cooling/Mechanical & Electrical: Furnaces (Newburgh Village)	2	33,500	33,500	33,500	33,500	33,500	32,500	0	200,000	HOUS	EQPT	HOUS
85	HOUSING	Site: Landscaping, Site Lighting, Walks, Drives (Newburgh Village)	3	50,000	50,000	50,000	50,000	50,000	50,000	0	300,000	HOUS	LAND	HOUS
86	HOUSING	Dwelling Units: Kitchens, Bathrooms, Finishes (Newburgh Village)	3	41,669	41,669	41,669	41,669	41,669	41,655	0	250,000	HOUS	BLDG	HOUS
87	HOUSING	Dwelling Units: Kitchens, Bathrooms, Finishes (Silver Village)	2	50,000	50,000	50,000	50,000	50,000	50,000	0	300,000	HOUS	BLDG	HOUS
88	HOUSING	Buildings: Structures, Roofs, Windows, Walls (Silver Village)	3	33,500	33,500	33,500	33,500	33,500	32,500	0	200,000	HOUS	BLDG	HOUS
89	HOUSING	Heating & Cooling/Mechanical & Electrical: Furnaces (Silver Village)	4	16,680	16,680	16,680	16,680	16,680	16,600	0	100,000	HOUS	EQPT	HOUS
90	HOUSING	Site: Landscaping, Walks (Silver Village)	4	12,500	12,500	12,500	12,500	12,500	12,500	0	75,000	HOUS	LAND	HOUS
91	HOUSING	Office Improvements Lease (S. Admin Bldg.)	3	15,000	15,000	15,000	15,000	15,000	15,000	0	90,000	HOUS	BLDG	HOUS
92	HOUSING	Newburgh Village #2 Bonds	1		4,000,000	4,000,000				0	8,000,000	BOND	OTH	HOUS
93		HOUSING TOTAL		\$ 613,637	\$ 4,613,637	\$ 4,613,637	\$ 613,637	\$ 613,637	\$ 606,815	\$ -	\$ 11,675,000			
94	INSP	Conversion & Indexing of files to laserfiche (INSPECTION & ORDINANCE)	1		176,900					176,900	176,900	GF	TECH	INSP
95	INSP	Conversion & Indexing of files to laserfiche (Zoning Board of Appeals)	1		40,000					40,000	40,000	GF	TECH	INSP
96	INSP	Conversion & Indexing of files to laserfiche (INSPECTION & ORDINANCE)	1			36,600				36,600	36,600	GF	TECH	INSP
97	INSP	Office Furniture (Inspection & Ordinance)	2				100,000			100,000	100,000	GF	EQPT	INSP
98	INSP	New City Vehicles	2						400,000	400,000	400,000	GF	VEH	INSP

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY AREA BENEFIT
CITY OF LIVONIA, MICHIGAN

	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
99		INSPECTION TOTAL		\$ -	\$ 216,900	\$ 36,600	\$ 100,000	\$ -	\$ 400,000	\$ 753,500	\$ 753,500			
100	ENGINEER	Traffic Signal Modernizations at Fire Stations	1	175,000						175,000	175,000	MILL	TECH	P SAFETY
101	ENGINEER	Ann Arbor Trail (Eckles Road to Newburgh Road)	1		85,000	275,000				360,000	360,000	ROAD	PAV	P SAFETY
102	ENGINEER	Five Mile Road (Eckles to Farmington Road) - Resurfacing	1					250,000	125,000	375,000	375,000	ROAD	PAV	P SAFETY
103	ENGINEER	Stark Road (Schoolcraft to Lyndon)	1			50,000	125,000			175,000	175,000	ROAD	PAV	P SAFETY
104	ENGINEER	Lyndon (East & Westbound) (Farmington to Stark) - Resurfacing	1			40,000	100,000			140,000	140,000	ROAD	PAV	P SAFETY
105	ENGINEER	I-275 (5 Mile to 8 Mile) - Rehabilitation	1	500,000	75,000					575,000	575,000	ROAD	PAV	P SAFETY
106	ENGINEER	Gill Road (7 Mile to 8 Mile Road) - Rehabilitation	1			55,000	225,000			280,000	280,000	ROAD	PAV	P SAFETY
107	ENGINEER	Farmington Road (Plymouth to Schoolcraft) - Rehabilitation	1			140,000				140,000	140,000	ROAD	PAV	P SAFETY
108	ENGINEER	Joy Road (Newburgh to Wayne)	1				150,000			150,000	150,000	ROAD	PAV	P SAFETY
109	ENGINEER	Seven Mile Road (Newburgh Road to Farmington) - Rehabilitation	1	200,000						200,000	200,000	ROAD	PAV	P SAFETY
110	ENGINEER	Baseline Road (Eight Mile) (Ellen to Farmington)	1	150,000						150,000	150,000	ROAD	PAV	P SAFETY
111	ENGINEER	Schoolcraft (Eastbound & Westbound) Corridor Improvement Projects	1			100,000	325,000			425,000	425,000	ROAD	PAV	P SAFETY
112	ENGINEER	Amerhein Road (3,500' West of Eckles to Asphalt Segment) - Concrete Reconstruct	1	105,000	400,000					505,000	505,000	ROAD	PAV	P SAFETY
113	ENGINEER	Merriman Road (Joy to Plymouth Road) - Rehabilitation	1			130,000				130,000	130,000	ROAD	PAV	P SAFETY
114	ENGINEER	Inkster Road (5 Mile Road to 7 Mile Road) - Resurfacing	1			125,000	150,000			275,000	275,000	ROAD	PAV	P SAFETY
115	ENGINEER	Farmington Road (Schoolcraft to 5 Mile Road) - Resurfacing	1				150,000			150,000	150,000	ROAD	PAV	P SAFETY
116	ENGINEER	Farmington Road (7 Mile to 8 Mile Road) - Resurfacing	1	135,000						135,000	135,000	ROAD	PAV	P SAFETY
117	FIRE	Fire Station #6 - Apparatus Garage Addition	1	695,000						695,000	695,000	GF	BLDG	P SAFETY
118	FIRE	Replacement Fire Engine Pumper (2 units)	1	980,000						980,000	980,000	GF	BLDG	P SAFETY
119	FIRE	Station #4 Terrazzo Floor Repair	2	48,000						48,000	48,000	GF	BLDG	P SAFETY
120	FIRE	FD Utility Pickup Truck	3	35,000						35,000	35,000	GF	VEH	P SAFETY
121	FIRE	Zoll Cardia Monitor/Defibrillator	3	30,000						30,000	30,000	GF	EQPT	P SAFETY
122	FIRE	Fire Station #1 - building addition, Training/Admin offices	1		1,350,000					1,350,000	1,350,000	GF	BLDG	P SAFETY
123	FIRE	Replacement LADDER 1	1			800,000				800,000	800,000	GF	VEH	P SAFETY
124	FIRE	Replacement Squad 1 & 5	1				500,000			500,000	500,000	GF	VEH	P SAFETY
125	FIRE	Replacement Squad 6	1					255,000		255,000	255,000	GF	VEH	P SAFETY
126	FIRE	Replacement Squad 3	1						260,000	260,000	260,000	GF	VEH	P SAFETY
127	FIRE	Replacement Squad 4	2		245,000					245,000	245,000	GF	VEH	P SAFETY
128	FIRE	Replace BC-1 command vehicle (Suburban)	2			60,000				60,000	60,000	GF	VEH	P SAFETY
129	FIRE	Apparatus Maintenance Vehicle	2				85,000			85,000	85,000	GF	VEH	P SAFETY
130	P WORKS	Reroof Fire #1 (Building Maint)	1						200,000	200,000	200,000	GF	BLDG	P SAFETY
131	P WORKS	Replace Fire #1, #3, & #4 Overhead Doors (16) [Building Maint]	1	176,000						176,000	176,000	GF	BLDG	P SAFETY
132	P WORKS	Replace 2 RTUs and 2 boilers at Fire #34 (Building Maint)	2					115,000		115,000	115,000	GF	BLDG	P SAFETY

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY AREA BENEFIT
CITY OF LIVONIA, MICHIGAN

	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
133	P WORKS	Replace RTU at LPD (Building Maint)	2					115,000		115,000	115,000	GF	BLDG	P SAFETY
134	P WORKS	Replace Fire #5 and 6 and Parks Maintenance Building Overhead Doors (Building Maint)	2		143,000					143,000	143,000	GF	BLDG	P SAFETY
135	P WORKS	Replace electrical panels in LPD (Building Maint)	2		40,000					40,000	40,000	GF	BLDG	P SAFETY
136	POLICE	Vehicles	1	481,000	\$ 505,100	\$ 530,300	\$ 556,800	\$ 584,700	\$ 613,900	2,159,400	3,271,800	MULT	VEH	P SAFETY
137	POLICE	LPD Lobby Renovation	1	275,000						275,000	275,000	GF	BLDG	P SAFETY
138	POLICE	EOC Computer System	1	20,000						20,000	20,000	GF	EQPT	P SAFETY
139	POLICE	Cental Records Carpet	1	11,400						11,400	11,400	GF	BLDG	P SAFETY
140	POLICE	Computer Network Server	1	15,000						15,000	15,000	GF	TECH	P SAFETY
141	POLICE	In-Car Modems	1	45,000						45,000	45,000	GF	TECH	P SAFETY
142	POLICE	Computers	1	42,600						42,600	42,600	GF	TECH	P SAFETY
143	POLICE	Overheads	1	28,000						28,000	28,000	GF	VEH	P SAFETY
144	POLICE	Forensic Computer	1	14,750						14,750	14,750	GF	TECH	P SAFETY
145	POLICE	Rifles	1	15,000						0	15,000	FORF	EQPT	P SAFETY
146	POLICE	Night Vision	1	24,000						0	24,000	FORF	EQPT	P SAFETY
147	POLICE	GPS Trackers	1	22,000						0	22,000	FORF	EQPT	P SAFETY
148	POLICE	Prep Radios	1	48,000						0	48,000	911	EQPT	P SAFETY
149	POLICE	LPD Building Duct Work Cleaning	1	25,000						25,000	25,000	GF	BLDG	P SAFETY
150	POLICE	AED's for Scout cars	1	76,000						0	76,000	FORF	EQPT	P SAFETY
151	POLICE	New Police Complex	1						30,000,000	30,000,000	30,000,000	MULT	BLDG	P SAFETY
152	POLICE	Email & Internet Server	1		50,000					50,000	50,000	GF	TECH	P SAFETY
153	POLICE	Desktop Computers	1			50,000		50,000		100,000	100,000	GF	TECH	P SAFETY
154	POLICE	Mobile Data Computer (In-Car) Replacement	1				180,000			180,000	180,000	GF	TECH	P SAFETY
155	POLICE	In-Car Video System Replacement	1			300,000				300,000	300,000	GF	TECH	P SAFETY
156	POLICE	Carport Painting	1		50,000					50,000	50,000	GF	BLDG	P SAFETY
157	POLICE	Mobile and Prep Radios	1		40,000					0	40,000	911	EQPT	P SAFETY
158	POLICE	Renovate Current Police Complex	2						15,000,000	15,000,000	15,000,000	MULT	BLDG	P SAFETY
159	POLICE	Detective Bureau Paint & Carpeting	2				20,000			20,000	20,000	GF	BLDG	P SAFETY
160	POLICE	Renovate and Expand the Crime Scene Lab and Office	2					1,000,000		1,000,000	1,000,000	GF	BLDG	P SAFETY
161	POLICE	Body Cameras and Storage Solution	2		600,000					600,000	600,000	GF	TECH	P SAFETY
162	POLICE	Replace In-Building Lighting w/LED	2			150,000				150,000	150,000	GF	BLDG	P SAFETY
163	POLICE	Wireless Network for Police Campus	3		50,000					50,000	50,000	GF	TECH	P SAFETY
164	POLICE	Renovate the Lock-up Facility	3			500,000				500,000	500,000	GF	BLDG	P SAFETY
165	POLICE	Renovate and Expand the Intelligence Bureau	3					1,000,000		500,000	1,000,000	MULT	BLDG	P SAFETY
166	POLICE	Replacement Tasers	3		175,000					175,000	175,000	GF	EQPT	P SAFETY
167	POLICE	Rifle Range Baffle System	3		350,000					0	350,000	FORF	BLDG	P SAFETY

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY AREA BENEFIT
CITY OF LIVONIA, MICHIGAN

	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
168	POLICE	Renovate Admin- Carpeting, and Furniture	3		50,000					50,000	50,000	GF	BLDG	P SAFETY
169	POLICE	Renovate and Expand the Dispatch Center and Consoles	4			1,500,000				500,000	1,500,000	MULT	BLDG	P SAFETY
170	POLICE	Replacement Handguns	4		75,000					75,000	75,000	GF	EQPT	P SAFETY
171	POLICE	Renovate Main Detective Bureau	5			30,000				30,000	30,000	GF	BLDG	P SAFETY
172	POLICE	Forensic Computer Lab	5			100,000				100,000	100,000	GF	TECH	P SAFETY
173	POLICE	Landscaping for the Gun Range	5		20,000					10,000	20,000	MULT	BLDG	P SAFETY
174	POLICE	Renovate the Polygraph, Special Victims Unit, SRO Area	5			150,000				150,000	150,000	GF	BLDG	P SAFETY
175		PUBLIC SAFETY TOTAL		\$ 4,371,750	\$ 4,303,100	\$ 5,085,300	\$ 2,566,800	\$ 3,369,700	\$ 46,198,900	\$ 62,698,150	\$ 65,895,550			
176	COM RES	Greenmead Paving - new	2				177,000			177,000	177,000	ROAD	PAV	P WORKS
177	COM RES	Greenmead Entrances - new build	3				30,000			30,000	30,000	ROAD	PAV	P WORKS
178	COM RES	Storm Sewers - underground drainage	4						194,000	194,000	194,000	GF	W&S	P WORKS
179	ENGINEER	Modernization of Conference Rooms to include Smart Board displays, etc.	2	5,000						5,000	5,000	GF	OTH	P WORKS
180	ENGINEER	Update all computer software and obtain tablets for Engineering Inspectors	2	5,000	5,000		5,000			15,000	15,000	GF	TECH	P WORKS
181	ENGINEER	Obtain new KIP Scanner/Copier	2		15,000					15,000	15,000	GF	TECH	P WORKS
182	ENGINEER	Rear Yard Drainage Issues	2	40,000	40,000	40,000	40,000	40,000	40,000	240,000	240,000	GF	OTH	P WORKS
183	ENGINEER	Replace (1) Pickup truck for field use	2			55,000				55,000	55,000	GF	VEH	P WORKS
184	ENGINEER	Replace (2) vehicles [Cars]	3			30,000		30,000		60,000	60,000	GF	VEH	P WORKS
185	ENGINEER	Local Road Program-Pavement (Reconstruction)	1	3,000,000	2,500,000	2,000,000	2,000,000	2,000,000	2,750,000	14,250,000	14,250,000	ROAD	PAV	P WORKS
186	ENGINEER	Local Road Program-Pavement (Rehabilitation)	1	1,200,000	1,750,000	2,500,000	2,750,000	3,000,000	3,750,000	14,950,000	14,950,000	ROAD	PAV	P WORKS
187	ENGINEER	Local Road Program-Pavement (Maintenance)	1	210,000	250,000	750,000	1,000,000	1,250,000	1,500,000	4,960,000	4,960,000	ROAD	PAV	P WORKS
188	ENGINEER	Local Road Program-Pavement - Joint & Crack Sealing (Maintenance)	1	95,000	200,000	225,000	250,000	275,000	300,000	1,345,000	1,345,000	ROAD	PAV	P WORKS
189	ENGINEER	Local Road Program-Pavement - Lane Line Marking (Maintenance)	1	95,000	105,000	110,000	120,000	125,000	135,000	690,000	690,000	ROAD	PAV	P WORKS
190	ENGINEER	Farmington Road (6 Mile Road to 7 Mile Road)	1		150,000					150,000	150,000	ROAD	PAV	P WORKS
191	ENGINEER	Water Master Plan Improvement Projects	1		1,000,000	1,500,000	1,250,000	1,500,000	1,500,000	6,750,000	6,750,000	W&S	W&S	P WORKS
192	ENGINEER	Sidewalk Repairs	1	435,000	475,000	500,000	550,000	600,000	650,000	3,210,000	3,210,000	GF	PAV	P WORKS
193	ENGINEER	Parking Lot Striping	1	10,000	15,000	10,000	15,000	10,000	15,000	75,000	75,000	GF	PAV	P WORKS
194	ENGINEER	Parking Lot Repairs and Paving	1	30,000	50,000	50,000	30,000	50,000	50,000	260,000	260,000	GF	PAV	P WORKS
195	ENGINEER	Storm Sewer Repairs (Outfalls)	1	10,000		15,000		20,000		45,000	45,000	GF	OTH	P WORKS
196	ENGINEER	Detention Basin Maintenance	1	15,000	30,000	30,000	30,000	30,000	30,000	165,000	165,000	GF	OTH	P WORKS
197	ENGINEER	Civil 3D AutoCAD Software and License	2		6,500		7,000		7,500	3,500	21,000	W&S	TECH	P WORKS
198	ENGINEER	Computer Equipment/Printers/Office Supplies/Camera	2	5,000		6,500		7,500		3,000	19,000	GF	TECH	P WORKS
199	ENGINEER	KIP 3100 Maintenance/Replacement	2		1,500		1,600		15,000	2,000	18,100	W&S	EQPT	P WORKS
200	ENGINEER	Battery Back-Up / Transfer Switches for Traffic Signals	3		7,500		10,000		15,000	32,500	32,500	MILL	TECH	P WORKS
201	ENGINEER	Pave Gravel Roads	3			75,000		100,000		175,000	175,000	ROAD	PAV	P WORKS
202	HOUSING	Exterior Improvements Owner - (P Works) (S. Admin. Bldg.)	3	41,669	41,669	41,669	41,669	41,669	41,655	250,000	250,000	GF	BLDG	P WORKS

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY AREA BENEFIT
CITY OF LIVONIA, MICHIGAN

	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
203	P WORKS	Modernize Conference Rooms to include Smart Board displays, beverage cooler, ceiling projectors, updated televisions, etc.	1	5,000						5,000	5,000	GF	OTH	P WORKS
204	P WORKS	Security System to include cameras, swipe cards, locked gates and doors at DPW Yard	1	55,000						55,000	55,000	GF	BLDG	P WORKS
205	P WORKS	Cement work and repair of parking lot for Equipment Maintenance Section	1		175,000					175,000	175,000	GF	LAND	P WORKS
206	P WORKS	(3) Hoists with hydraulic front posts for Equipment Maintenance Section	1	40,000		40,000		40,000		120,000	120,000	GF	EQPT	P WORKS
207	P WORKS	(2) Complete sets, portable jacks for Equipment Maintenance Section	1	100,000	100,000					200,000	200,000	GF	EQPT	P WORKS
208	P WORKS	Larger capacity propane tank for Equipment Maintenance Section	1			30,000				30,000	30,000	GF	EQPT	P WORKS
209	P WORKS	Meter Updates/Installation throughout City (Water & Sewer Section)	1	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000	6,000,000	W&S	OTH	P WORKS
210	P WORKS	Storage Facility, Glendale Land Fill	1			40,000				40,000	40,000	REFUSE	BLDG	P WORKS
211	P WORKS	Selective Slab Replacement (Tree related) (PARKS)	1	120,000	120,000	120,000	120,000	120,000	120,000	720,000	720,000	ROAD	OTH	P WORKS
212	P WORKS	Sidewalk Slab Replacement at City Parks (PARKS)	1	20,000	20,000	20,000	20,000	20,000	20,000	120,000	120,000	ROAD	OTH	P WORKS
213	P WORKS	Update Pickup trucks for various DPW Sections (8)	1	560,000	588,000	617,400	648,270	680,683	714,717	3,809,070	3,809,070	GF	VEH	P WORKS
214	P WORKS	Update service trucks and equipment, Water & Sewer Section	1	800,000	800,000	800,000	800,000	800,000		4,000,000	4,000,000	W&S	VEH	P WORKS
215	P WORKS	Update service vehicles, field work (4 vans), Water & Sewer Section	1	200,000	200,000	200,000	200,000			800,000	800,000	W&S	VEH	P WORKS
216	P WORKS	Single Axle Dump Trucks - (2) total	1		200,000		200,000			400,000	400,000	ROAD	VEH	P WORKS
217	P WORKS	Single Axle Dump Trucks with Swamp Loaders - (4) total	1		500,000	500,000				1,000,000	1,000,000	W&S	VEH	P WORKS
218	P WORKS	Tandem Dump Trucks - (2) total	1			540,000				540,000	540,000	ROAD	VEH	P WORKS
219	P WORKS	New Salt Dome with Salt Conveyor	1					300,000		300,000	300,000	GF	BLDG	P WORKS
220	P WORKS	Chippers for Roads Section, (5) total	1		90,000	180,000	180,000			450,000	450,000	ROAD	VEH	P WORKS
221	P WORKS	Update Leaf Equipment, 2 each year (12 total)	1	60,000	60,000	60,000	60,000	60,000	60,000	360,000	360,000	REFUSE	VEH	P WORKS
222	P WORKS	Self-contained Leaf Vacuums, (3) total	1		100,000	100,000	100,000			300,000	300,000	REFUSE	VEH	P WORKS
223	P WORKS	Update claw machine for leaf season, (3) total	1		15,000	15,000	15,000			45,000	45,000	REFUSE	VEH	P WORKS
224	P WORKS	Street Sweeper	1		275,000					275,000	275,000	ROAD	VEH	P WORKS
225	P WORKS	Replace HVAC equipment in Building #012, 8 - RTUs (Building Maint)	1			140,000				140,000	140,000	GF	BLDG	P WORKS
226	P WORKS	Replace two (2) boilers in Building #012 (Building Maint)	1				60,000			60,000	60,000	GF	BLDG	P WORKS
227	P WORKS	Replace HVAC equipment in Building #013 (Building Maint)	1					75,000		75,000	75,000	GF	BLDG	P WORKS
228	P WORKS	Concrete grinding machine	1		75,000					75,000	75,000	ROAD	EQPT	P WORKS
229	P WORKS	Water & Sewer Building	1	4,000,000						4,000,000	4,000,000	W&S	BLDG	P WORKS
230	P WORKS	Computers, monitors, desktops, software, miscellaneous updates	2	5,000	5,000	5,000	5,000	5,000	5,000	30,000	30,000	GF	TECH	P WORKS
231	P WORKS	Furniture	2	5,000		5,000		5,000		15,000	15,000	GF	OTH	P WORKS
232	P WORKS	Computers updated, larger monitors, Scanner and Copier purchased for Equipment Maintenance Section	2		5,000		3,000		3,000	11,000	11,000	GF	TECH	P WORKS
233	P WORKS	Air Conditioning installed Equipment Maintenance Section	2		25,000					25,000	25,000	GF	BLDG	P WORKS
234	P WORKS	Mezzanine Lift for Equipment Maintenance Section	2	40,000						40,000	40,000	GF	EQPT	P WORKS
235	P WORKS	Truck tire changer for Equipment Maintenance Section	2	30,000						30,000	30,000	GF	EQPT	P WORKS

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY AREA BENEFIT
CITY OF LIVONIA, MICHIGAN

	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
236	P WORKS	Hydro Excavator (Water & Sewer Section)	2			300,000				300,000	300,000	W&S	EQPT	P WORKS
237	P WORKS	Tablets and software for all employees in field (Water & Sewer Section)	2	5,000	5,000	5,000	5,000			20,000	20,000	W&S	TECH	P WORKS
238	P WORKS	Software upgrades, updates and computers (Sign Shop)	2				40,000			40,000	40,000	GF	TECH	P WORKS
239	P WORKS	Aerial Lift for Forestry Section	2				200,000			200,000	200,000	GF	VEH	P WORKS
240	P WORKS	Aerial bucket vans for Building Maint Section - (2) total	2				120,000	120,000		240,000	240,000	GF	VEH	P WORKS
241	P WORKS	Excavator for Water & Sewer Section	2		175,000					175,000	175,000	W&S	W&S	P WORKS
242	P WORKS	Trailer for Excavator for Water & Sewer Section	2		30,000					30,000	30,000	W&S	W&S	P WORKS
243	P WORKS	Replace RTU on Fleet Maintenance (Building Maint)	2				15,000			15,000	15,000	GF	BLDG	P WORKS
244	P WORKS	Replace HVAC equipment at Store & Bungalow (Building Maint)	2		14,000					14,000	14,000	GF	BLDG	P WORKS
245	P WORKS	Replace overhead heaters in Roads Barn (Building Maint)	2				150,000			150,000	150,000	GF	BLDG	P WORKS
246	P WORKS	Footing Drain Disconnect Program	2	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	3,000,000	W&S	W&S	P WORKS
247	P WORKS	Larger Sized Roller	2		150,000					150,000	150,000	ROAD	EQPT	P WORKS
248	P WORKS	Small Sized Roller	2			75,000				75,000	75,000	ROAD	EQPT	P WORKS
249	P WORKS	Skid steer loader, plus attachments	2			120,000				120,000	120,000	GF	EQPT	P WORKS
250	P WORKS	Cement saw	2				25,000			25,000	25,000	ROAD	EQPT	P WORKS
251	P WORKS	Property Acquisition	3		250,000					250,000	250,000	MULT	LAND	P WORKS
252	P WORKS	Carpeting throughout DPW buildings	3	3,000		3,000		3,000	3,000	12,000	12,000	GF	OTH	P WORKS
253	P WORKS	Complete tool boxes for Mechanics for Equipment Maintenance Section (2-3 minimum)	3	10,000		10,000		10,000		30,000	30,000	GF	EQPT	P WORKS
254	P WORKS	Indoor wash rack for Washing of W&S Equipment	3			200,000				200,000	200,000	W&S	BLDG	P WORKS
255	P WORKS	Replace Building #013 Overhead doors [8] (Building Maint)	3			56,000				56,000	56,000	GF	BLDG	P WORKS
256	P WORKS	Replace Building #012 and #019 overhead doors [8] (Building Maint)	3				60,000			60,000	60,000	GF	BLDG	P WORKS
257		PUBLIC WORKS TOTAL		\$ 12,754,669	\$ 12,119,169	\$ 13,619,569	\$ 12,833,539	\$ 12,817,852	\$ 13,418,872	\$ 77,514,070	\$ 77,563,670			
258	COM RES	Greenmead Restroom Pavilion - new build	3					185,000		185,000	185,000	MULT	BLDG	P&R
259	P WORKS	Storage Facility, Bicentennial Park (PARKS)	1		25,000					25,000	25,000	GF	LAND	P&R
260	P WORKS	Mowers for Parks Section, (2) each year (PARKS)	1	26,000	26,000	26,000	26,000	26,000	26,000	156,000	156,000	GF	VEH	P&R
261	P WORKS	Gators for Parks Section, (2) each year (PARKS)	1	24,000	24,000	24,000	24,000	24,000	24,000	144,000	144,000	GF	VEH	P&R
262	P WORKS	Float tractor for Parks Section (PARKS)	1	15,000		15,000		15,000		45,000	45,000	GF	VEH	P&R
263	P WORKS	John Deere tractors for Parks Section, (3) each year (PARKS)	1				75,000	75,000	75,000	225,000	225,000	GF	VEH	P&R
264	P WORKS	LED lighting at all parking lots for Parks (PARKS)	2	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000	GF	LAND	P&R
265	P WORKS	Upgrade ball diamond lighting, Bicentennial Park (PARKS)	2			200,000				200,000	200,000	GF	LAND	P&R
266	P WORKS	Upgrade ball diamond lighting, Ford Field (Parks Section)(PARKS)	2				200,000			200,000	200,000	GF	LAND	P&R
267	P WORKS	Upgrade Comfort Station, Ford Field (PARKS)	2			50,000				50,000	50,000	GF	LAND	P&R
268	P WORKS	Upgrade Comfort Station, Rotary Park (PARKS)	2				50,000			50,000	50,000	GF	LAND	P&R
269	P WORKS	Tennis Court Rehabilitation throughout City (PARKS)	2	100,000	100,000	100,000	100,000	100,000	100,000	600,000	600,000	GF	LAND	P&R

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY AREA BENEFIT
CITY OF LIVONIA, MICHIGAN

	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit	
				2016	2017	2018	2019	2020	2021						
270	P WORKS	Walking Path improvements at City Parks (PARKS)	2		100,000						100,000	100,000	GF	PAV	P&R
271	P WORKS	Parking lot restriping at parking lots of City parks (PARKS)	2		15,000	15,000	15,000	15,000	15,000		75,000	75,000	ROAD	PAV	P&R
272	P WORKS	Catch basin structure rebuilds at City parks (PARKS)	2		30,000	30,000	30,000	30,000	30,000		150,000	150,000	W&S	W&S	P&R
273	P WORKS	Update picnic pavilions at City Parks (PARKS)	3	20,000	20,000	20,000	20,000	20,000	20,000		120,000	120,000	GF	LAND	P&R
274	P WORKS	Update play structures at City Parks (PARKS)	3	50,000	50,000	50,000	50,000	50,000	50,000		300,000	300,000	GF	OTH	P&R
275	P WORKS	Pool Bathhouse Rehabilitation, City Pools (PARKS)	3			500,000	500,000	500,000			1,500,000	1,500,000	GF	OTH	P&R
276	P WORKS	Reroof Civic Center Parks Maintenance Building (Building Maint)	3						90,000		90,000	90,000	GF	BLDG	P&R
277	PARKS	Fitness Equipment 1/4 of cardio (20)	1	100,000	100,000	105,000	105,000	105,000	105,000		620,000	620,000	P&R	EQPT	P&R
278	PARKS	Botsford Pool Bath House renovation	1	50,000							0	50,000	GRANT	BLDG	P&R
279	PARKS	Botsford Pool Re-marcite	1	40,000							0	40,000	GRANT	LAND	P&R
280	PARKS	Ford Field Light Poles WC 9	1		35,000				100,000		0	135,000	GRANT	EQPT	P&R
281	PARKS	Clements Circle Bathhouse renovation WC 8	1		24,000	13,000	13,000				11,000	50,000	GRANT	BLDG	P&R
282	PARKS	Idyl Wyld Greens Roller	1							15,000	15,000	15,000	GOLF	EQPT	P&R
283	PARKS	Idyl Wyld Greens Mower	1							28,000	28,000	28,000	GOLF	EQPT	P&R
284	PARKS	Fox Creek Bunker Rake	1				25,000				25,000	25,000	GOLF	EQPT	P&R
285	PARKS	Fox Creek Utility Cart	1				20,000				20,000	20,000	GOLF	EQPT	P&R
286	PARKS	Fox Creek Rainbird Satellite Boxes	1				18,000	10,000			28,000	28,000	GOLF	EQPT	P&R
287	PARKS	Whispering Willows Fairway & Trim Mowers	1				60,000				60,000	60,000	GOLF	EQPT	P&R
288	PARKS	Idyl Wyld Rough & Tee Mowers	1				78,000				78,000	78,000	GOLF	EQPT	P&R
289	PARKS	Fox Creek Pump Station	1						180,000		180,000	180,000	GOLF	EQPT	P&R
290	PARKS	Whispering Willows Greens Mower	1						25,000		25,000	25,000	GOLF	EQPT	P&R
291	PARKS	Whispering Willows Sprayer	1						30,000		30,000	30,000	GOLF	EQPT	P&R
292	PARKS	Idyl Wyld Trap Rake	1						25,000		25,000	25,000	GOLF	EQPT	P&R
293	PARKS	Fox Creek Green & Tee Mowers	1			56,000				28,000	84,000	84,000	GOLF	EQPT	P&R
294	PARKS	Fox Creek Greens Roller	1			13,000				13,000	26,000	26,000	GOLF	EQPT	P&R
295	PARKS	Idyl Wyld Fairway Mower	1			30,000					30,000	30,000	GOLF	EQPT	P&R
296	PARKS	Fox Creek Sidewinder	1		36,000						36,000	36,000	GOLF	EQPT	P&R
297	PARKS	Fox Creek Utility Cart	1		10,000						10,000	10,000	GOLF	EQPT	P&R
298	PARKS	Fox Creek Drainage #7 & 13	1		25,000						25,000	25,000	GOLF	LAND	P&R
299	PARKS	Whispering Willows Utility Cart	1		25,000						25,000	25,000	GOLF	EQPT	P&R
300	PARKS	Whispering Willows Fairway Mower	1		25,000						25,000	25,000	GOLF	EQPT	P&R
301	PARKS	Whispering Willows Greens Roller	1		15,000					15,000	30,000	30,000	GOLF	EQPT	P&R
302	PARKS	Idyl Wyld Tee Mower	1		28,000						28,000	28,000	GOLF	EQPT	P&R
303	PARKS	Idyl Wyld Cart Path Repairs	1		5,000						5,000	5,000	GOLF	LAND	P&R
304	PARKS	Whispering Willows Rough Mower	1			50,000					50,000	50,000	GOLF	EQPT	P&R

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY AREA BENEFIT
CITY OF LIVONIA, MICHIGAN

	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
305	PARKS	Idyl Wyld Tractor	1	14,000						14,000	14,000	GOLF	EQPT	P&R
306	PARKS	Idyl Wyld Backhoe	1	7,000						7,000	7,000	GOLF	EQPT	P&R
307	PARKS	Idyl Wyld #18 Bridge repairs	1	20,000						20,000	20,000	GOLF	LAND	P&R
308	PARKS	Fox Creek Rough Mower	1	50,000						50,000	50,000	GOLF	EQPT	P&R
309	PARKS	Fox Creek Irrigation Computer & Software	1	10,000						10,000	10,000	GOLF	TECH	P&R
310	PARKS	Fox Creek Cart Path Repairs	1	8,000						8,000	8,000	GOLF	LAND	P&R
311	PARKS	Fox Creek pavers around clubhouse	1	7,000						7,000	7,000	GOLF	LAND	P&R
312	PARKS	Whispering Willows Greens Mower	1	25,000						25,000	25,000	GOLF	EQPT	P&R
313	PARKS	Whispering Willows Irrigation Computer & Software	1	10,000						10,000	10,000	GOLF	TECH	P&R
314	PARKS	Whispering Willows Pond Intake Repairs	1	10,000						10,000	10,000	GOLF	LAND	P&R
315	PARKS	Whispering Willows & Tin Cup signage	1	10,000						10,000	10,000	GOLF	BLDG	P&R
316	PARKS	Whispering Willows bunker sand	1	6,000						6,000	6,000	GOLF	LAND	P&R
317	PARKS	Idyl Wyld #15 Culvert	1					5,000		5,000	5,000	GOLF	LAND	P&R
318	PARKS	Duct Cleaning	2	25,000	25,000	15,000	15,000			80,000	80,000	P&R	OTH	P&R
319	PARKS	Pool Motors/Slide	2		7,500	7,500		7,500	7,500	30,000	30,000	P&R	EQPT	P&R
320	PARKS	Carpet/rubber floor fit hub	2		20,000				40,000	60,000	60,000	P&R	BLDG	P&R
321	PARKS	Floor scrubber	2		10,000				10,000	20,000	20,000	P&R	EQPT	P&R
322	PARKS	Pool Filter Media Replacement	2		20,000					20,000	20,000	P&R	EQPT	P&R
323	PARKS	Marquee Replacement	2		50,000					50,000	50,000	P&R	EQPT	P&R
324	PARKS	Computers	2	8,000	8,000	8,000	8,000	8,000	8,000	48,000	48,000	P&R	TECH	P&R
325	PARKS	Rotary Park Trail Directional Signs WC 9	2		5,000					0	5,000	GRANT	LAND	P&R
326	PARKS	Compton Park shade structures & bleachers WC 8	2	13,000						0	13,000	GRANT	EQPT	P&R
327	PARKS	Greenmead Dog Park WC 9	2		60,000					0	60,000	GRANT	LAND	P&R
328	PARKS	Pride's Court playground structure CDBG	2		35,000					0	35,000	GRANT	LAND	P&R
329	PARKS	Fox Creek Rainbird Satellite Boxes	2			9,000			20,000	29,000	29,000	GOLF	EQPT	P&R
330	PARKS	Idyl Wyld Building Repairs	2			20,000				20,000	20,000	GOLF	BLDG	P&R
331	PARKS	Idyl Wyld Battery Replacement for Electric Carts	2			5,000				5,000	5,000	GOLF	EQPT	P&R
332	PARKS	Idyl Wyld Paving	2		20,000					20,000	20,000	GOLF	LAND	P&R
333	PARKS	Idyl Wyld Drainage repairs	2		5,000					5,000	5,000	GOLF	LAND	P&R
334	PARKS	Idyl Wyld Pro Shop Updates	2		6,000					6,000	6,000	GOLF	BLDG	P&R
335	PARKS	Whispering Willows Utility Cart	2			8,000			34,000	42,000	42,000	GOLF	EQPT	P&R
336	PARKS	Idyl Wyld Buck for Tractor	2	3,000						3,000	3,000	GOLF	EQPT	P&R
337	PARKS	Idyl Wyld Tees & drainage	2	20,000						20,000	20,000	GOLF	LAND	P&R
338	PARKS	Devon Aire Arena Roof	2			150,000				150,000	150,000	P&R	BLDG	P&R
339	PARKS	LCRC Parking Lot	2				50,000	50,000	50,000	150,000	150,000	P&R	LAND	P&R

PROPOSED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM (2016-2021)
PROJECTS SORTED BY AREA BENEFIT
CITY OF LIVONIA, MICHIGAN

	DEPT	IMPROVEMENT	Priority Ranking	RECOMMENDED EXPENDITURES BY YEAR						Estimated City Share	Estimated Total Cost	Funding Source	Project Type	Area Benefit
				2016	2017	2018	2019	2020	2021					
340	PARKS	Furniture - Check in desk areas	3		10,000	10,000	10,000	10,000	10,000	50,000	50,000	P&R	EQPT	P&R
341	PARKS	Parking lot Mill and replace	3					120,000		120,000	120,000	P&R	LAND	P&R
342	PARKS	Skate Park Ramps	3				20,000		20,000	40,000	40,000	P&R	EQPT	P&R
343	PARKS	Walking trail replacement	3				45,000			45,000	45,000	P&R	EQPT	P&R
344	PARKS	Inline Fence	3				15,000			15,000	15,000	P&R	EQPT	P&R
345	PARKS	Sidewalk replacement	3		10,000		10,000		10,000	30,000	30,000	P&R	LAND	P&R
346	PARKS	Botsford Pool Splash Pad WC 9	3						300,000	50,000	300,000	GRANT	LAND	P&R
347	PARKS	Compton Park basketball courts WC 8	3					13,000		0	13,000	GRANT	EQPT	P&R
348	PARKS	Golfview Nature Preserve signage WC 9	3			10,000				0	10,000	GRANT	LAND	P&R
349	PARKS	Dooley Park trail resurfacing	3						13,000	0	13,000	GRANT	LAND	P&R
350	PARKS	Castle Gardens play structure WC9	3				75,000			0	75,000	GRANT	EQPT	P&R
351	PARKS	Hillcrest Park trail to structure WC 9	3			25,000				0	25,000	GRANT	LAND	P&R
352	PARKS	Liner for Leisure Pool	4				100,000			100,000	100,000	P&R	EQPT	P&R
353	PARKS	Parking Lot Sealer 117,000 sq. ft. reline	4		12,000					12,000	12,000	P&R	LAND	P&R
354	PARKS	Tree Fort Reconfiguration	4				40,000			40,000	40,000	P&R	EQPT	P&R
355	PARKS	Resurface Outdoor Rink	4		10,000					10,000	10,000	P&R	LAND	P&R
356	PARKS	Selectorized weigh machines (16)	4				110,000			110,000	110,000	P&R	EQPT	P&R
357	PARKS	Nottingham West play structure CDBG	4					35,000		0	35,000	GRANT	EQPT	P&R
358	PARKS	Elm Field play structure CDBG	4				35,000			0	35,000	GRANT	EQPT	P&R
359	PARKS	Dover Park play structure CDBG	4			35,000				0	35,000	GRANT	EQPT	P&R
360	PARKS	Ford Field batting cages WC 9	4						20,000	0	20,000	GRANT	EQPT	P&R
361	PARKS	Ford Field Disc Golf WC 9	4				15,000			0	15,000	GRANT	EQPT	P&R
362	PARKS	McCann Park drainage WC 9	4			50,000				0	50,000	GRANT	LAND	P&R
363		PARKS & RECREATION TOTAL			\$ 871,000	\$ 1,231,500	\$ 1,849,500	\$ 2,157,000	\$ 1,963,500	\$ 1,376,500	\$ 8,496,000	\$ 9,449,000		
364	ENGINEER	Bike Path Program & Lanes throughout City	2		50,000	100,000	100,000	100,000	100,000	550,000	550,000	GF	PAV	TRSP
365		TRANSPORTATION TOTAL			\$ 50,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 550,000	\$ 550,000			
366		GRAND TOTAL			\$ 20,709,626	\$ 24,129,806	\$ 26,367,106	\$ 19,011,976	\$ 19,874,689	\$ 62,618,887	\$ 156,837,090	\$ 172,712,090		