

EXECUTIVE SUMMARY

The City of Frankenmuth Five Year Capital Improvement Plan 2018-2022 establishes, prioritizes, and plans funding for projects to improve existing and develop new infrastructure and facilities. A CIP promotes better use of the City's limited financial resources, reduces costs, and assists in the coordination of public and private development. The City's CIP is a five-year roadmap, which identifies the major expenses over and above routine annual operating expenses. While the CIP serves as a long-range plan, it is reviewed and revised annually. Priorities may be changed due to funding opportunities or circumstances that cause a more rapid deterioration of an asset. This may include anything from private development projects to natural disasters to other, unforeseen circumstances. As a basic tool for documenting anticipated capital projects, it includes a number of unfunded projects for which needs have been identified, but specific solutions and funding have not necessarily been determined.

THE CIP PROCESS

The CIP is the result of an ongoing infrastructure planning process. Planning for the five-year CIP period provides the flexibility to take advantage of opportunities for capital investments. The 2018- 2022 CIP is developed through compliance with adopted policies and master plans, and recommendations from the public, professional staff, and elected and appointed City officials. The Draft CIP is made available to the public for review and then adopted by the Planning Commission, who then recommend adoption to the City Council. The projects listed in the 2018/2019 fiscal year ideally become the basis for preparation of the City's budget for that year.

CIP Review Process

The CIP is reviewed internally for capital project requests and by department heads and other key staff, the Planning Commission. This team analyzes the financial impact of the CIP as well as the City's ability to process, design, and ultimately maintain projects. The overall goal of the review process is to develop CIP recommendations that:

- preserve the past, by investing in the continued upgrade of City assets and infrastructure;
- protect the present with improvements to City facilities and infrastructure; and
- plan for the future.

Categories

Projects generally fit within the primary categories identified below:

- Water
- Waste Treatment
- Storm
- Major Streets
- Local Streets
- Parks
- DDA
- City Township Governmental Center (City Hall)

Review Criteria

Typically, there are more project requests than can be funded in the five-year CIP period, so the CIP Review Team conducts an internal project ranking process. The criteria used in this internal ranking include, but are not limited to:

- Addresses health and safety concerns – enhances, improves, or protects overall health and safety of the City’s residents;
- Supports Council goals - supports the goals established by the City Council, meets citywide long-term goals, and complies with Frankenmuth’s Joint Growth Management Plan (Master Plan) policies;
- Meets a regulatory or mandated requirement – proposed projects satisfy regulatory or mandated requirements;
- Considers service delivery needs – the potential for projects to improve service delivery, including coordination with other projects to minimize financial or development impacts to maintain and enhance the efficiency of providing services in Frankenmuth;
- Includes outside funding and partnerships - outside funding has been identified, committed to, or may be obtained through other revenue sources or partnerships;
- Implements a Master Plan - maintenance and development of existing or new facilities and infrastructure is identified in the City’s Master Plan, Recreation, DDA, Complete Streets or other specialized or other subarea plan, enabling the City to continue to deliver essential services to residents;

Projects are identified in potential fiscal years. There are also two other categories – “Projects of Opportunity” and “Future Projects.” Larger projects without an immediate need are included in the “Projects of Opportunity” category. These include new road construction and road extensions as well as projects which may be in part financed through grants that are yet unknown, special assessments, developer participation, etc. In the “Future” category are projects that have been identified as needed, but do not meet enough of the criteria identified above to take precedent over other identified projects.

Time Period

This working CIP document is designed to forecast capital needs for the next five fiscal years. The plan will be produced every year prior to the annual budget process.

Definition of a Capital Expense

The CIP will include those items in excess of \$10,000 with an expected useful life of more than one year. Smaller projects (less than \$10,000) may be combined into one project and therefore defined as a capital expense. Items such as minor equipment and routine expenses will continue to be accounted for in the City’s annual budget and will not be included in the capital improvement plan. Historically only larger projects (more than \$50,000) were included in the CIP.

Operating Budget Impact

The operating impact of proposed capital projects, such as personnel and operating expenses, will be considered in preparing the annual operating budget as the CIP project approaches construction. As we

continue to develop our CIP, departments will update the City with any potential future expenditure impacts.

Types of Financing

The nature and amount of the project generally determine financing options as do projected revenue resources. The following financing instruments could be used:

- Outside funding, including grants, federal funds state funds, maintenance and/or endowment funds and donations
- Revenue funds
- General fund revenues
- General obligation debt

Project Lists and Details

Summary lists of projects by fiscal year, category and by funding source are provided for quick reference. Detailed worksheets by project are provided in the appendix. There are several projects identified within the next three years that are substantial in scope and in dollars. This coming fiscal year, approximately \$4 million of water transmission line improvements will take place. These improvements will be financed with a general obligation bond that will be repaid over time from the Water Fund (revenue fund). The other substantial project is improvements to the City's levee flood protection system. This project is estimated to cost approximately \$7 million. It too will be financed with general obligation bonds and repaid through the City's general fund, paid in part by the Downtown Development Authority and through special assessments. Identified projects for this next year are funded through a variety of means, and total approximately \$5.4 million. Detailed project sheets are grouped by Department. Project sheets are designed to explain the need for the project, type of project, funding sources, and provide cost information.

2018-2019	Project Name	Project Number	Project Cost	Fund Source(s)
	Craemer Dr and Craemer Ct Resurface	32	\$260,500	Local Streets, Grants, General Fund
	Concrete Crack Fill	29	\$75,000	Local Streets, General Fund
	Microsurface and Chip Seal Streets	40	\$100,000	Local Streets, General Fund
	N. Haas Street Extension Design	75	\$60,000	General Fund
	Levee Design and Permitting	70	\$88,000	General Fund
	North Tower 16-inch Valve Installation	13	\$35,000	Water Fund
	North Tower Exterior Paint and Cathodic Protection	14	\$117,000	Water Fund
	Junction Road Transmission Main Construction	8	\$3,400,000	Water Fund
	Dehmel Road Water Main Construction	6	\$605,000	Water Fund
	Waste Water Plant Raw Sewage Pump - Main Pump Station	28	\$50,000	Waste Treatment Fund
	Palmer Schau Platz and Concession Stand - Paint Roofs	55	\$30,000	Maintenance Fund
	Repaint Interior of Kern Pavilion	57	\$90,000	Maintenance Fund
	Crosswalk Replacement at Jefferson and Main Streets	66	\$200,000	Downtown Development Authority Funds
	HVAC Upgrades to City Township Governmental Center	61	\$60,000	General Fund
	Sidewalks	76	\$50,000	Major Streets, Local Streets
	Total Projects= 15		\$5,220,500	

Though a total of \$5,220,500 is proposed for capital improvements in the next fiscal year, it is important to note fund sources. Additionally, in the 2017-2018 Fiscal Year, the City and its water fund anticipate bonding for up to \$4 million to finance the necessary transmission main improvements. Two other water fund projects – the North Tower Exterior Paint project and the North Tower valve installation were slated for construction in Fiscal year 2017-2018 but were delayed due to the contractor. The Downtown Development Authority has earmarked \$200,000 for crosswalk improvements. Maintenance funds established through Parks and Recreation are identified to pay for approximately \$120,000. The \$260,500 price tag for improvements to Cramer Court and Drive seem high however, the project is submitted as part of a Rubber Tire Grant project. If funded, the project pays for 50% of the cost, leaving the City's participation at \$260,500. With this in mind, the Street Funds and general funds are anticipated to contribute \$563,250.00

2019-2020	Project Name	Project Number	Project Cost	Fund Source(s)
	Concrete Street Repair	30	\$150,000	General Fund, Local Streets
	Asphalt Crackfill		\$50,000	Local Streets, Major Streets
	W. Jefferson Resurface (Flint to Main)	48	\$500,000	General Fund, Local Streets
	South Tower Interior Recoat & Cathodic Protection	16	\$123,000	Water Fund
	Replace RAS Pump-Building	22	\$150,000	Waste Treatment Fund
	Waste Treatment Improvements-Aeration Tank	24	\$125,000	Waste Treatment Fund
	Design Services/Plans for New/Renovated admin. Building at WTP	19	\$80,000	Waste Treatment Fund
	Waste Treatment Improvements-Expand Sludge Storage Tank	25	\$150,000	Waste Treatment Fund
	Waste Treatment Improvements-Refurbish Clarifier/Replace Drive	26	\$250,000	Waste Treatment Fund
	Crosswalk Replacements at Tuscola and Main Streets	67	\$200,000	Downtown Development Authority Fund
	Kern Pavilion Woodwork Repair to Entrance & Refinish Door	53	\$60,000	Maintenance Fund (P&R)
	Kern Pavilion Lighting Replacement & Upgrade	52	\$100,000	Maintenance Fund (P&R)
	Levee/Riverwalk Permitting, Construction	62	\$8,750,000	General Fund, DDA, Special Assessment, Other
	HVAC Controls and Upgrades	61	\$45,000	General Fund
	Sidewalks	76	\$50,000	Local Streets, Major Streets
	Design for Public Safety/Fire Station		\$200,000	City Township Commission
	Total Projects=16		\$10,983,000	

2020-2021	Project Name	Project Number	Project Cost	Fund Source(s)
	Wren Road Resurface	50	\$92,000	General Fund, Local Streets
	Concrete Crack Fill	29	\$75,000	Local Streets, General Fund
	Microsurface and Chip Seal Streets	40	\$100,000	Local Streets, General Fund
	Walnut St. Water Main Replacement	17	\$400,000	Water Fund
	N. Main Street Water Main Replacement (Schleier to Genesee)	12	\$450,000	Water Fund
	E. Jefferson Pedestrian Lighting (Main St. to Weiss)	68	\$230,000	Downtown Development Authority Funds, Special Assessment
	Install Circulating Ceiling Fans in Kern Pavilion	51	\$24,000	Maintenance Fund (P&R)
	HVAC Controls and Updates at City Township Governmental Center (replace boiler)	61	\$75,000	General Fund
	Construction of Public Safety Building	72	\$3,200,000	Other
	DPW Yard Improvements & Repaving	60	\$159,000	General Fund, grants
	Sidewalks		\$50,000	Local Streets, Major Streets
	Total Projects=11		\$4,855,000	

2021-2022	Project Name	Project Number	Project Cost	Fund Source(s)
	Concrete Street Repair	30	\$150,000	General Fund, Local Streets
	Asphalt Crack Fill		\$50,000	General Fund, Local Streets, Major Streets
	Heine Street Resurfacing (Franklin to Ardussi)	36	\$164,000	Local Streets
	Heine Street Water Main Replacement (Beyerlein to Ardussi)		\$227,000	Water Fund
	Replace Existing Primary Tank/Equalization System	21	\$500,000	Waste Treatment Fund
	Waste Plant Improvements Replace-Renovate Admin. Building	27	\$1,000,000	Waste Treatment Fund
	Memorial Park Storage/Restroom Building	54	\$230,000	Parks and Recreation, Grants, Donations
	Replace Foot Bridges in Memorial Park	58	\$60,000	Park and Recreation, Grants, Donations
	Replace Pergola in Memorial Park Rose Garden	59	\$50,000	Parks and Recreation, Grants, Donations
	Eddie Zehnder Park Streetscape Completion	69	\$150,000	Downtown Development Authority Fund
	City Radio Communications Hardware Replacement	65	\$75,000	Other

	HVAC Controls and Upgrades (controls replacement)	61	\$70,000	General Fund
	Sidewalks		\$50,000	Local Streets, Major Streets
	Total Projects=13		\$2,776,000	

2022-2023	Project Name	Project Number	Project Cost	Fund Source(s)
	Kern St. Resurfacing	38	\$104,000	General Fund, Local Streets
	Kern St. Water Main Replacement	9	\$240,000	Water Fun
	Country Lane Resurfacing	31	\$115,000	General Fund, Local Streets
	Concrete Crack Fill	29	\$75,000	Local Streets, General Fund
	Microsurface and Chip Seal Streets	40	\$100,000	Local Streets, General Fund
	Vates (Main to Haas)	47	\$70,000	General Fund, Local Streets
	Sidewalks	76	\$50,000	Local Streets, Major Streets
	Total Projects=7		\$754,000	

Projects of Opportunity	Project Name	Project Number	Project Cost	Fund Source(s)
	North Main Street Curb, Gutter and Sidewalks	43	\$450,000	Major Streets, Special Assessments
	E. Genesee Storm Repair	33	\$280,000	Major Streets, Special Assessments
	E. Schleier Street Extension (Main to Haas)	34	\$443,000	Major Streets, Special Assessments
	Renovate Kern Pavilion Restrooms for Winter Use	56	\$150,000	Grants, Donations
	Plant 3 Roof Repairs	64	\$90,000	General Fund
	N. Haas Street Extension	42	\$450,000	General Fund
	Conway Street Extension		\$500,000	General Fund, Other
	Total Projects = 7		\$2,363,000	

Future	Project Name	Project Number	Project Cost	Fund Source(s)
	Mueller Ct. Water Main Replacement	11	\$95,000	Water Fund
	Trinklein Street Road Resurfacing (follow water main replacement)	45	\$142,000	Local Street Fund
	West Tuscola Resurface (Main to Gunzenhausen)	49	\$1,270,000	General Fund, Major Streets
	E. Tuscola Water Main Replacement	18	\$405,000	Water Fund

Flint St. Sanitary Sewer Replacement	20	\$400,000	Waste Treatment Fund
Flint St. Water Main Replacement	6	\$360,000	Water Fund
South Tower Exterior Recoat	15	\$100,000	Water Fund
E. Vates Water Main Replacement	5	\$175,000	Water Fund
Heine Street Resurface (Franklin to Ardussi)	36	\$164,000	Local Streets
Mayer Street Water Main Replacement	12	\$450,000	Water Fund
Sidewalks	76	\$50,000	Local Streets, Major Streets
Frederick Street Water Main Replacement	36	\$164,000	Water Main
Roof repairs to City Township Governmental Center		\$100,000	General Fund
Total Projects= 13		\$3,875,000	

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Appendix: Detail Project Sheets

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