



City of Galena, Illinois

CAPITAL IMPROVEMENT PLAN

Fiscal Years 2020 – 2024

“Planned expenditures for systematically constructing, maintaining, upgrading and replacing the community’s physical plant”

APPROVED

December 26, 2018

Mayor Terry Renner

Alderspersons:

Chris Allendorf

Pam Bernstein

Charles Fach

Robert Hahn

Jerry Kieffer

Jerry Westemeier

City Administrator, Mark Moran

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THE CAPITAL IMPROVEMENT PLAN

A capital improvement plan (CIP) is a multi-year schedule of municipal improvements. The schedule usually covers a period of five or six years but may extend to 10 years and beyond. The Galena CIP spans a five-year period beginning May 1, 2019 (Fiscal Year 2019-20). This plan sets forth the proposed expenditures for systematically constructing, maintaining, upgrading and replacing the community's physical plant or infrastructure, and includes vehicles and other mobile equipment. Capital improvement projects are typically major, infrequent expenditures, such as the construction of a new facility or rehabilitation or major repair of an existing facility. With the relatively small size of our community and budget, this CIP recognizes a project as small as \$10,000 as a capital project. Individual projects from the adopted plan should become part of the capital budget for their respective departments.

In order to be useful as a tool for budgeting and sound financial management, the plan must be updated annually by reviewing existing projects, proposing new projects and extending the program by an additional year. This process should also consider the short term and long-term effects of the expenditures and any associated debt on fund balances and cash flow for operations. The CIP is considered essential for managing and coordinating the efficient expenditure of Galena's public resources.

A CAPITAL IMPROVEMENT DEFINED

A capital improvement project is defined as a major expenditure that includes one or more of the following:

1. Any acquisition of land for a public purpose;
2. Any construction of a new facility (e.g., a public building, water lines, pavilion etc...) or an addition to, or extension of, such a facility;
3. A rehabilitation (i.e., something which is infrequent and would not be considered annual or other recurrent maintenance) or major repair of all or a part of a building, its grounds, or a facility, or of equipment, provided that the cost is \$10,000 or more and the improvement will have a useful life of 10 years or more;
4. Purchase or major equipment (i.e., items with a cost – individually or in total – of \$10,000 or more), which have a useful life of five years or more, including vehicles (rolling stock) if part of a systematic replacement plan;
5. Any planning, feasibility, engineering, or capital design study related to an individual capital improvement project or to a program that is implemented through individual capital improvement projects.

DEVELOPING THE GALENA CIP

The necessity of a CIP was identified in 1991 as a recommendation of the Galena Comprehensive Plan. The city's first CIP was developed in 1999 and has been largely implemented. In 2003, the Galena Comprehensive Plan called for the update of the CIP and, in 2004 the city council identified the CIP update as one of the top priorities during the visioning and four-year goal setting process. The CIP was again updated in 2007 and each year since. The staff and administration have made a commitment to updating the plan annually. This section generally describes the process of developing the 2019 Galena CIP and the components of the plan.

Staff Involvement

Developing the recommended capital improvement plan was a lengthy, multi-step process. The process began with each department head identifying the projects and major purchases that he or she would like to see completed over the next five years in his or her respective area(s) of responsibility. Department heads also estimated the cost of each project or purchase, described the relationship to other projects and assigned the projects a priority rating. More than 100 projects and purchases totaling \$10.5 million were submitted for the five-year period. Each project is described in a narrative and the estimated cost is identified in the ***“Attachment A: Individual Project Descriptions”***.

Evaluating Projects

Two separate methods were utilized in an attempt to demonstrate the relative importance of each project or purchase. First, each project or purchase was reviewed against criterion ranging from health and safety to resource conservation. Each criterion used is described in detail in ***Figure 1, “Criteria for Evaluating Capital Improvement Requests”*** on the next page. The results of the evaluation are shown in ***Attachment B, “Evaluation of Projects Using Criteria”***. Second, each department head ranked each project as either a “high”, “medium” or “low” priority. Combined, both methods of evaluation were useful for showing the relative importance or need of each project or purchase.

**FIGURE 1. CRITERIA FOR EVALUATING
CAPITAL IMPROVEMENT PROJECT REQUESTS**

The following criteria were used to evaluate each of the proposed capital improvement projects or purchases. The results of the evaluation are shown as a matrix, *“Table 2. Evaluation of Requests Using Criteria”*.

<p>Risk to Public Safety or Health. To protect against a clear and possibly immediate risk to public safety or public health.</p>
<p>Deteriorated Facility. An investment that deals with a deteriorated facility or piece of equipment. The action taken may be either: 1) reconstruction or extensive rehabilitation to extend its useful life to avoid or to postpone replacing it with a new and costlier one; or 2) replacement of the facility or piece of equipment with a new one.</p>
<p>Systematic Replacement. An investment that replaces or upgrades a facility or piece of equipment as part of a systematic replacement program. This investment assumes the equipment will be replaced at approximately the same level of service. Some increase in size to allow for normal growth or increased demand is anticipated.</p>
<p>Improvement of Operating Efficiency. An investment that substantially and significantly improves the operating efficiency of a department. Or an expenditure that has a very favorable return on investment with a promise of reducing existing, or future, increases in operating expenses (e.g., introduction of a new or improved technology).</p>
<p>Coordination. 1) An expenditure that is necessary to insure coordination with another CIP project (e.g., scheduling a sewer project to coincide with a street reconstruction project so that the street is not dug up a year after it is completed); 2) A project that is necessary to comply with requirements imposed by others (e.g., a court order, a change in federal or state law, an agreement with another governmental jurisdiction or agency); or 3) A project that meets established goals or objectives of the City Council and Mayor.</p>
<p>Equitable Provision of Services, Facilities. 1) An investment that serves the special needs of a segment of the community's population identified by public policy as deserving of special attention (e.g., the handicapped, the elderly, or low- and moderate-income persons); or 2) An investment that, considering existing services or facilities, makes equivalent facilities or services available to neighborhoods or population groups that are now undeserved in comparison with residents generally.</p>
<p>Protection and Conservation of Resources. 1) A project that protects natural resources that are at risk of being reduced in amount or quality; or 2) A project that protects the investment in existing infrastructure against excessive demand or overload that threatens the capacity or useful life of a facility or piece of equipment.</p>
<p>New or Substantially Expanded Facility. Construction, or acquisition, of a new facility (including land) or new equipment, or major expansion thereof, that provides a service, or a level of service, not now available.</p>

Revenue Sources and Projections

The Galena CIP is utilized for planning and budgeting purposes and not as a rigid purchasing plan nor project schedule. Therefore, while the plan identifies likely revenue sources, it does not contain projections of available revenue for implementation of the plan. One exception is the Street Improvement Sales Tax Fund where a half percent sales tax is dedicated for streets and related infrastructure. Detailed revenue/expense analysis is performed to insure the proposed projects may be accomplished with available revenue from the fund. Sales tax funded projects and all the CIP's prioritized projects should be evaluated for inclusion in the city's operating budget each fiscal year.

Abbreviations are used throughout the plan for both revenue sources and departments. The abbreviations are shown in Figures 2 and 3 below.

Figure 2.
Revenue Sources Abbreviations

Revenue Source	Abbreviation
General Fund Cash	GF
General Fund Financing	GFF
Motor Fuel Tax	MFT
Flood Control Cash	FC
Water Enterprise Cash	WTC
Water Enterprise Financing	WTF
Sewer Enterprise Cash	SWC
Sewer Enterprise Financing	SWF
Fire Department Cash	FD
Grants	GT

Figure 3.
Department Abbreviations

Department	Abbreviation
Public Works	DPW
Engineering	ENG
Turner Hall	TH
Administration	ADM
Flood Control	FLD
Water	WAT
Sewer	SEW
Parks	PAR
Police	POL
Fire	FD
Swimming Pool	SP

Recommended Plan

After identifying all the potential capital projects and purchases, describing them in detail and evaluating their importance, the final plan was developed. The plan is presented as ***“Attachment C: Recommended Capital Improvement Plan”***. The plan was recommended to the Mayor and City Council at the city council meeting of December 26, 2018 and approved at that meeting. Again, the projects and purchases from the final plan should be incorporated into the annual operating budget as revenues permit.

Summary

The importance of implementing and updating the Capital Improvement Plan cannot be over-emphasized. Using the same process described herein, the Capital Improvement Plan will continue to be updated annually to span a full five-year period. New capital improvement requests will be submitted by department heads for evaluation and inclusion in the updated plan. With guidance from the Fund Balance Policy, the Comprehensive Plan, and constituents, elected officials will decide which projects and purchases from the recommended Capital Improvement Plan will be included in the annual budget.

CIP PROPOSAL DESCRIPTIONS AND JUSTIFICATIONS OVERVIEW

In the following section, every CIP project that has been proposed by the various departments of the City is described in detail. Criteria, including the recommendations of the Galena Comprehensive Plan are applied to assess whether a particular project is justified. Each project is defined in the following format:

Project Title:	<i>Name of the project as used throughout the CIP.</i>
Department:	<i>Name of the department that proposed the project.</i>
Date Submitted:	<i>The date the project was proposed. (Nearly all the projects in this first year of the plan were also proposed this year.)</i>
Project Priority:	<i>The priority of the project relative to other projects within the department.</i>
Project Description:	<i>Description of the project.</i>
CIP Evaluation Criteria:	<i>A list of the applicable criterion from the following page, Figure 1, "Evaluation Criteria for Capital Budget Requests". The criteria are used to evaluate the importance of the project relative to other projects.</i>
Comprehensive Plan:	<i>A statement of whether or not the project can be directly justified by the Galena Comprehensive Plan and, if so, a page number and an excerpt from the plan.</i>
Multi-year:	<i>Identification of whether the project will take more than one year to complete.</i>
Coordination:	<i>Identification of whether the project is dependent on one or more other CIP projects and, if so, a description of the related project(s).</i>
Cost Estimate:	<i>The estimated cost of the project.</i>
Basis of Cost Estimate:	<i>Identification of how the cost estimate was derived.</i>
Funding Source:	<i>Identification of the proposed funding for the project. Possible funding sources include, but are not limited to:</i>
	<ul style="list-style-type: none">• <i>General Fund Reserves</i>• <i>General Fund Financing</i>• <i>Motor Fuel Tax</i>• <i>Flood Control Cash</i>• <i>Capital Projects Fund Reserves</i>• <i>Capital Projects Fund Financing</i>• <i>Water Enterprise Cash</i>• <i>Water Enterprise Financing</i>• <i>Sewer Enterprise Reserves</i>• <i>Sewer Enterprise Financing</i>• <i>Grants</i>• <i>Donations</i>

ATTACHMENT A. INDIVIDUAL PROJECT DESCRIPTIONS (FY 2020-2024)

PUBLIC WORKS

Project Title:	5-Year Street Improvement Program (See Appendix A)
Department:	Public Works/Engineering
Date Submitted:	December 2018
Project Priority:	High
Project Description:	Includes all street improvement work planned for the five-year plan period. Projects to completed with the non-home rule sales tax revenues are listed in the 5-Year Street Improvement Plan and detailed in Appendix C.
CIP Evaluation Criteria:	Deteriorated Facility, Systematic Replacement, Equity Provision, Coordination, Operating Efficiency
Comprehensive Plan:	P. 108 "Budget for road improvements through the CIP process."
Multi-Year:	No
Coordination:	Yes. Projects are scheduled to coincide with underground utility work as much as possible.
Cost Estimate:	\$1,834,716
Basis of Cost Estimate:	Estimates based on measured quantities and prices from recent projects
Funding Source:	Capital Projects Fund (Sales Tax Fund)

Project Title:	Downtown sidewalk and crosswalk replacement
Department:	Public Works
Date Submitted:	December 2008
Project Priority:	High
Project Description:	Replace deteriorated concrete sidewalks and crosswalks in the downtown. The replacement plan is based on the study and recommendations by MSA Professional Services.
CIP Evaluation Criteria:	Deteriorated Facility, Public Safety, Systematic Replacement
Comprehensive Plan:	No direct reference
Multi-year:	Yes
Coordination:	No
Cost Estimate:	\$420,000
Basis of Cost Estimate:	Engineer's estimate
Funding Source:	Revolving Loan Fund Grant from Department of Commerce and Economic Opportunity

Project Title:	Paint Highway 20 and Riverside Drive traffic lights
Department:	Public Works
Date Submitted:	December 2018
Project Priority:	High
Project Description:	Repair and paint the ornamental traffic control light posts at the Highway 20 and Riverside Drive intersection.
CIP Evaluation Criteria:	Deteriorated Facility, Public Safety
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	Yes. Schedule before the start of the IDOT repaving of US 20 on the east side of bridge to avoid additional traffic congestion.
Cost Estimate:	\$12,000
Basis of Cost Estimate:	Engineer's estimate
Funding Source:	General Fund

Project Title:	Replace approach structure on Meeker St pedestrian bridge
Department:	Public Works
Date Submitted:	January 2016
Project Priority:	Medium
Project Description:	Replace deteriorated elevated concrete walkway that spans about 20 feet on the west end of the bridge and the same on the east end.
CIP Evaluation Criteria:	Deteriorated Facility, Public Safety, Systematic Replacement
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$35,000
Basis of Cost Estimate:	Engineer's estimate
Funding Source:	General Fund

CAPITAL IMPROVEMENT PLAN (FY 2020-2024)
 Individual Project Descriptions

Project Title:	Repairs to Kohlsaat Bridge deck
Department:	Public Works
Date Submitted:	December 2018
Project Priority:	High
Project Description:	Complete specialty repairs to the concrete deck of the bridge.
CIP Evaluation Criteria:	Deteriorated Facility, Public Safety, Systematic Replacement
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$12,000
Basis of Cost Estimate:	Engineer's estimate
Funding Source:	General Fund

Project Title:	Additional parking at Recreation Park
Department:	Public Works
Date Submitted:	January 2011
Project Priority:	High
Project Description:	Add perpendicular parking on the east side of the entry road to the pool. Parking would start in front of the Public Works building and extend to the area across from the playground. Widen entrance from Field Street to improve traffic flow.
CIP Evaluation Criteria:	New, Expanded Facility
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$50,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Grant Funding

Project Title:	Gear Street sidewalk
Department:	Public Works
Date Submitted:	December 2018
Project Priority:	High
Project Description:	Install new sidewalk in front of the cemetery. This sidewalk would be coordinated with the Gear Street construction project and would complete the sidewalk from Bench Street to Highway 20.
CIP Evaluation Criteria:	Health Safety, Expanded Facility
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	Yes. Coordinate with street project.
Cost Estimate:	\$190,000
Basis of Cost Estimate:	Engineer's estimate
Funding Source:	Motor Fuel Tax and/or General Fund

Project Title:	Commerce Street parking lot design and reconstruction
Department:	Public Works
Date Submitted:	January 2017
Project Priority:	High
Project Description:	Resurfacing of the City parking lot between Commerce Street and Water Street. The project could include reshaping the lot to integrate Washington Street into the lot so all of the spaces would be "pay to park" spaces. Landscaping and lighting would also be considered. First year of project would be professional design services.
CIP Evaluation Criteria:	Deteriorated Facility, Systematic Replacement
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$112,500
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Parking Fund

CAPITAL IMPROVEMENT PLAN (FY 2020-2024)
Individual Project Descriptions

Project Title:	Replace culvert on Dodge Street between Gear and South
Department:	Public Works
Date Submitted:	December 2018
Project Priority:	High
Project Description:	Replace deteriorated large culvert under Dodge Street.
CIP Evaluation Criteria:	Deteriorated Facility, Systemmatic Replacement
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$15,000
Basis of Cost Estimate:	Engineer's estimate
Funding Source:	General Fund

Project Title:	Repair headwall at top of Green Street Steps
Department:	Public Works
Date Submitted:	December 2017
Project Priority:	High
Project Description:	Remove loose parge on headwall at top of Green Street steps, repair wall as needed, and apply new parge.
CIP Evaluation Criteria:	Deteriorated Facility
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$10,000
Basis of Cost Estimate:	Engineer's estimate
Funding Source:	General Fund

Project Title:	Paint Highway 20 bridge railings
Department:	Public Works
Date Submitted:	January 2017
Project Priority:	High
Project Description:	The steel stairway from the Highway 20 Bridge to the Depot Parking lot was painted in 2016. The proposed project would be to paint all of the steel railings on the US 20 bridge black to match the light poles.
CIP Evaluation Criteria:	Deteriorated Facility
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$12,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	General Fund

Project Title:	Replace Green Street steps from Main to Bench
Department:	Public Works
Date Submitted:	December 2017
Project Priority:	Medium
Project Description:	Replace the concrete steps and railings from Main Street to Bench Street on Green Street. The current steps have been repeatedly repaired and are continuing to deteriorate.
CIP Evaluation Criteria:	Deteriorated Facility, Systematic Replacement
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$30,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	General Fund

CAPITAL IMPROVEMENT PLAN (FY 2020-2024)
Individual Project Descriptions

Project Title: **Dewey Avenue bridge replacement**
 Department: Public Works
 Date Submitted: January 2015
 Project Priority: Medium
 Project Description: Replace the bridge over Hughlett's Creek on Dewey Avenue. The bridge has been inspected and found to be in poor condition. The project will be coordinated by the County Engineer and paid for with a combination of federal, county and city funds.
 CIP Evaluation Criteria: Deteriorated Facility, Systematic Replacement, Health Safety
 Comprehensive Plan: No direct reference
 Multi-year: Yes. Design, funding, and construction.
 Coordination: No
 Cost Estimate: \$73,500
 Basis of Cost Estimate: Preliminary estimate
 Funding Source: Motor Fuel Tax

Project Title: **Sidewalk from US 20 to Cobblestone**
 Department: Public Works
 Date Submitted: January 2015
 Project Priority: Medium
 Project Description: Construction of five feet wide sidewalk from the intersection of U.S. Highway 20 and Oldenburg Lane to the beginning of Cobblestone Boulevard. The proposed sidewalk will link the bike path along U.S. Highway 20 to the Cobblestone Crossing Subdivision.
 CIP Evaluation Criteria: New, Expanded Facility, Health Safety
 Comprehensive Plan: No direct reference
 Multi-year: Could be completed in phases
 Coordination: No
 Cost Estimate: \$47,000
 Basis of Cost Estimate: Engineer's estimate
 Funding Source: General Fund

Project Title: **Annual sidewalk/steps replacement program**
 Department: Public Works
 Date Submitted: January 1999
 Project Priority: Medium
 Project Description: Systematic replacement of deteriorated sidewalks and public stairways throughout the community. The replacement schedule should be based on the results of the comprehensive inventory, condition assessment and prioritization.
 CIP Evaluation Criteria: Deteriorated Facility, Public Safety, Equitable Provision of Facilities, New Facilities
 Comprehensive Plan: P. 112 "Investigate the rehabilitation of sidewalks under the CIP process. This could include a discussion of possible financing mechanisms such as cost sharing or use of the assessment process."
 Multi-year: Yes
 Coordination: Yes. Initiate program after study/inventory is complete.
 Cost Estimate: \$50,000
 Basis of Cost Estimate: Completed inventory of one ward.
 Funding Source: General Fund

Project Title: **Seal concrete floor in Public Works Building**
 Department: Public Works
 Date Submitted: Decmeber 2018
 Project Priority: Medium
 Project Description: Install exoxy floor covering in garages to remedy spawling concrete and protect the in-floor heating system.
 CIP Evaluation Criteria: Deteriorated Facility
 Comprehensive Plan: No direct reference
 Multi-year: Yes
 Coordination: No.
 Cost Estimate: \$60,000
 Basis of Cost Estimate: Contractor estimate
 Funding Source: General Fund

Project Title: **Wayfinding signage project**
 Department: Public Works
 Date Submitted: January 2017
 Project Priority: Medium
 Project Description: Project to improve wayfinding from the highway down to the pedestrian level. Project includes consulting services for an existing conditions assessment, systems strategy, design, cost estimates, and plans for bidding. It is anticipated that the sign fabrication and installation would be phased over multiple years.
 CIP Evaluation Criteria: Deteriorated facility, Public Safety, Systematic Replacement
 Comprehensive Plan: No direct reference
 Multi-year: Yes
 Coordination: Yes. Coordinate with highway and street projects.
 Cost Estimate: \$106,500
 Basis of Cost Estimate: Preliminary estimate
 Funding Source: General Fund

Project Title: **Public Works Rolling Stock Plan (See Appendix D)**
 Department: Public Works
 Date Submitted: December 2018
 Project Priority: High
 Project Description: Systematic replacement of public works vehicles and equipment.
 CIP Evaluation Criteria: Deteriorated Facility, Systematic Replacement, Operating Efficiency
 Comprehensive Plan: No direct reference
 Multi-year: Yes
 Coordination: No
 Cost Estimate: \$618,400
 Basis of Cost Estimate: Current cost of vehicles plus inflation factor
 Funding Source: General Fund, Water Fund, Sewer Fund, Flood Control

ENGINEERING

Project Title: **Replace office computers and council iPads**
 Department: Engineering
 Date Submitted: December 2018
 Project Priority: High
 Project Description: Most of the computers in City Hall are at the end of the useful lives. Replacement with current Windows-based machines is proposed. The iPads used by the city council and staff are also at the end of their useful lives. Replacement with current-model iPads is proposed.
 CIP Evaluation Criteria: Operating Efficiency, Systemmatic Replacement
 Comprehensive Plan: No direct reference
 Multi-year: No
 Coordination: No
 Cost Estimate: \$35,000
 Basis of Cost Estimate: Estimate from IT consultant
 Funding Source: General Fund

Project Title: **Battery storage for City Hall solar**
 Department: Engineering
 Date Submitted: January 2017
 Project Priority: Medium
 Project Description: Installation of a battery pack on the interior of City Hall. The battery would store surplus power generated from the rooftop solar array. The stored power would be used when the solar array is not producing power. This project should use grant funding.
 CIP Evaluation Criteria: Resource Conservation, Operating Efficiency, New Facility
 Comprehensive Plan: No direct reference
 Multi-year: No
 Coordination: No
 Cost Estimate: \$10,000
 Basis of Cost Estimate: Engineer's estimate
 Funding Source: Grant

FLOOD CONTROL

Project Title:	Flood Control Rolling Stock Plan
Department:	Flood Control
Date Submitted:	December 2018
Project Priority:	High
Project Description:	50% share of cost of trading-in the Public Works end loader every other year.
CIP Evaluation Criteria:	Systematic Replacement, Deteriorated Facility, Operating Efficiency
Comprehensive Plan:	No direct reference
Multi-year:	Yes
Coordination:	No
Cost Estimate:	\$30,850
Basis of Cost Estimate:	Contract cost
Funding Source:	Flood Control Fund

Project Title:	Replace controller at Riverside Drive pump station
Department:	Flood Control
Date Submitted:	December 2018
Project Priority:	High
Project Description:	Replace controller at the flood control pump station on Riverside Drive. The controller operates the pump that removes water from the roadway during low flood conditions.
CIP Evaluation Criteria:	Systematic Replacement, Deteriorated Facility, Operating Efficiency
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$12,000
Basis of Cost Estimate:	Preliminary Estimate
Funding Source:	Flood Control Fund

WATER

Project Title:	Update SCADA system and computer
Department:	Water
Date Submitted:	January 2017
Project Priority:	High
Project Description:	Update the operating software and hardware for the computer system used to monitor and control the water, wastewater and storm sewer systems. This is custom software designed specifically for our systems.
CIP Evaluation Criteria:	Deteriorated Facility, Health Safety, Systematic Replacement, Operating Efficiency, Resource Conservation
Comprehensive Plan:	No direct reference.
Multi-year:	No
Coordination:	No
Cost Estimate:	\$75,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Water Fund

Project Title:	Water system modeling and tower elimination study
Department:	Water
Date Submitted:	December 2018
Project Priority:	High
Project Description:	Ongoing project to model the entire water system as part of a study to determine if the Franklin Street water tower could be decommissioned, and if so, what improvements to the water system might be required.
CIP Evaluation Criteria:	Deteriorated Facility, Health Safety, Systematic Replacement, Operating Efficiency, Resource Conservation
Comprehensive Plan:	No direct reference.
Multi-year:	Yes
Coordination:	No
Cost Estimate:	\$61,200
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Water Fund

Project Title:	West side water system improvements
Department:	Water
Date Submitted:	December 2018
Project Priority:	High
Project Description:	Possible improvements and/or maintenance to the west side water distribution system as recommended by the not yet completed water system modeling and tower elimination study.
CIP Evaluation Criteria:	Deteriorated Facility, Health Safety, Systematic Replacement, Operating Efficiency, Resource Conservation
Comprehensive Plan:	No direct reference.
Multi-year:	Yes
Coordination:	No
Cost Estimate:	\$350,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Water Fund

Project Title:	Hydrant and valve replacement
Department:	Water
Date Submitted:	December 2018
Project Priority:	High
Project Description:	Replace hydrants and valves that are no longer operating properly.
CIP Evaluation Criteria:	Deteriorated Facility, Health Safety, Systematic Replacement, Operating Efficiency, Resource Conservation
Comprehensive Plan:	No direct reference.
Multi-year:	Yes
Coordination:	No
Cost Estimate:	\$20,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Water Fund

Project Title:	Pipe locator
Department:	Water
Date Submitted:	December 2018
Project Priority:	High
Project Description:	Purchase of quality pipe locating equipment for use by the Water, Sewer, Public Works, and Engineering Departments. The ability to accurately locate pipes can be valuable for planning and design as well as making efficient repairs while minimizing water loss.
CIP Evaluation Criteria:	Health Safety, Operating Efficiency, Resource Conservation, New Expanded Facility
Comprehensive Plan:	No direct reference.
Multi-year:	No
Coordination:	No
Cost Estimate:	\$10,000
Basis of Cost Estimate:	Preliminary estimate from supplier
Funding Source:	Water Fund

Project Title:	Elm Street water main addition
Department:	Water
Date Submitted:	December 2018
Project Priority:	High
Project Description:	Install a water main in Elm Street between Fulton Street and Council Fire Circle. The new main would provide a secondary supply for the Indian Ridge Subdivision. The subdivision is currently served by only a single source on Blackhawk Drive. During water main breaks or repairs, water must be shutoff to the entire subdivision. The proposed water main would remedy the issue.
CIP Evaluation Criteria:	Health Safety, Operating Efficiency, Coordination, New Expanded Facility
Comprehensive Plan:	No direct reference.
Multi-year:	No
Coordination:	Yes, coordinate with street paving
Cost Estimate:	\$84,200
Basis of Cost Estimate:	Engineer's estimate
Funding Source:	Water Fund

CAPITAL IMPROVEMENT PLAN (FY 2020-2024)
Individual Project Descriptions

Project Title:	South Street watermain replacement
Department:	Water
Date Submitted:	December 2018
Project Priority:	High
Project Description:	Replacement of old watermain in South Street. Construction should be undertaken before the planned paving of the street in 2020.
CIP Evaluation Criteria:	Deteriorated Facility, Health Safety, Systematic Replacement, Operating Efficiency, Resource Conservation
Comprehensive Plan:	No direct reference.
Multi-year:	No
Coordination:	Yes
Cost Estimate:	\$165,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Water Fund
Project Title:	East Side Water System DSI-Park Ave water main
Department:	Water
Date Submitted:	January 2016
Project Priority:	Medium
Project Description:	Replace 2,525 feet of 6" and 4" water main with 10" water main in order to resolve a low pressure issue at the north end of Park Avenue on the east side of the river. The project is more fully described on page 5-1 of the 2015 Water System Study Report prepared by IIW Engineers and Surveyors. For the purposes of the CIP, this project also includes the installation of new water main on Fifth Street from Madison Street to Louieville Court.
CIP Evaluation Criteria:	Systematic Replacement, Health Safety, Equitable Provision of Services
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	Yes
Cost Estimate:	\$1,400,000
Basis of Cost Estimate:	Estimate from consulting engineer
Funding Source:	Water Fund
Project Title:	East Side Water System DS2-Highway 20 water main
Department:	Water
Date Submitted:	January 2016
Project Priority:	Low
Project Description:	Replace 720 feet of 4" water main with 6" water main under US Highway 20 between Park Avenue and Fourth Street. Also, replace 360 feet of 4" water main under Third Street from Highway 20 to Lafayette Street. This improvement is designed to resolve a low pressure issue in the area of the improvement. The project is more fully described on page 5-1 of the 2015 Water System Study Report prepared by IIW Engineers and Surveyors.
CIP Evaluation Criteria:	Systematic Replacement, Health Safety, Equitable Provision of Services
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	Yes
Cost Estimate:	\$200,000
Basis of Cost Estimate:	Estimate from consulting engineer
Funding Source:	Water Fund
Project Title:	East Side Water System DS3-south pressure reduction station
Department:	Water
Date Submitted:	January 2016
Project Priority:	Low
Project Description:	Install 900 feet of 6" water main and a 6" pressure reduction station between Bouthillier Street and US Highway 20 in the Fourth Street right-of-way. The improvement is to address a fire flow deficiency in the area of the improvement. The project is more fully described on page 5-1 of the 2015 Water System Study Report prepared by IIW Engineers and Surveyors.
CIP Evaluation Criteria:	New Facility, Health Safety, Equitable Provision of Services
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	Yes
Cost Estimate:	\$200,000
Basis of Cost Estimate:	2015 estimate from consulting engineer
Funding Source:	Water Fund

Project Title: **East Side Water System WS1-new well and pump house**
 Department: Water
 Date Submitted: October 2004
 Project Priority: Low
 Project Description: Construct a new well and pump house on the east side of the Galena River adjacent to the Horseshoe Mound reservoir to provide a
 CIP Evaluation Criteria: New Facility, Health Safety, Equitable Provision of Services
 Comprehensive Plan: No direct reference
 Multi-year: No
 Coordination: Yes
 Cost Estimate: \$1,635,000
 Basis of Cost Estimate: 2015 estimate from consulting engineer
 Funding Source: Water Fund

Project Title: **Water and Sewer Rolling Stock Plan (See Appendix G)**
 Department: Water and Sewer
 Date Submitted: December 2018
 Project Priority: Medium
 Project Description: Systematic replacement of water and sewer vehicles and rolling equipment.
 CIP Evaluation Criteria: Deteriorated Facilities, Systematic Replacement, Operating Efficiency
 Comprehensive Plan: No direct reference
 Multi-year: Yes
 Coordination: Yes. Coordinate with Public Works Rolling Stock Plan
 Cost Estimate: \$160,000
 Basis of Cost Estimate: Current cost plus inflation factor
 Funding Source: Water and Sewer Funds

SEWER

Project Title: **Sewer video camera**
 Department: Sewer
 Date Submitted: December 2018
 Project Priority: High
 Project Description: Purchase a quality municipal grade video camera for performing pipe inspections. The camera would improve the efficiency of investigations and repairs.
 CIP Evaluation Criteria: Public Health and Safety, Operating Efficiency, New/Expanded Facility
 Comprehensive Plan: No direct reference
 Multi-year: No
 Coordination: No
 Cost Estimate: \$20,000
 Basis of Cost Estimate: Estimate from vendor
 Funding Source: Sewer Fund

Project Title: **East side sewer crossing repair**
 Department: Sewer
 Date Submitted: December 2018
 Project Priority: High
 Project Description: Replace damaged sewer main under the east side levee just south of the Meeker Street pedestrian bridge.
 CIP Evaluation Criteria: Public Health and Safety, Operating Efficiency, Systematic Replacement, Deteriorated Facility
 Comprehensive Plan: No direct reference
 Multi-year: No
 Coordination: No
 Cost Estimate: \$12,000
 Basis of Cost Estimate: Preliminary estimate
 Funding Source: Sewer Fund

CAPITAL IMPROVEMENT PLAN (FY 2020-2024)
Individual Project Descriptions

Project Title:	Screening building controller replacement
Department:	Sewer
Date Submitted:	December 2018
Project Priority:	High
Project Description:	Replace the original controller from 2001 in the screening building at the wastewater treatment plant. The controller is used to operated the mechanism that performs the primary screening of inorganic solids from the influent.
CIP Evaluation Criteria:	Public Health and Safety, Operating Efficiency, Systemmatic Replacement
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$12,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Sewer Fund

Project Title:	Treatment plant influent samplers replacement
Department:	Sewer
Date Submitted:	December 2018
Project Priority:	High
Project Description:	Replace the original influent samplers from 2001 at the wastewater treatment plant. The automated samplers are used to comply with regulatory sampling of the wastewater entering the treatment facility.
CIP Evaluation Criteria:	Public Health and Safety, Operating Efficiency, Systemmatic Replacement
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$16,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Sewer Fund

Project Title:	Inflow and infiltration study
Department:	Sewer
Date Submitted:	January 2010
Project Priority:	High
Project Description:	Professional study to determine points of inflow and infiltration of water into the sewer system. Reducing inflow and infiltration can reduce operational costs, including electrical costs.
CIP Evaluation Criteria:	Operating Efficiency, Resource Conservation
Comprehensive Plan:	No direct reference
Multi-year:	Yes, implement recommendations in future year(s)
Coordination:	No
Cost Estimate:	\$10,000
Basis of Cost Estimate:	Estimate
Funding Source:	Sewer Fund

Project Title:	Hughlett Creek sewer main replacement
Department:	Sewer Fund
Date Submitted:	October 2004
Project Priority:	Low
Project Description:	Replace under sized and deteriorated sewer main in the Hughlett Creek valley below Dewey Avenue.
CIP Evaluation Criteria:	Systematic Replacement, Expanded Facility
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$130,000
Basis of Cost Estimate:	Similar projects
Funding Source:	Sewer Fund

Project Title:	Madison and Fifth Street sewer main extension
Department:	Sewer
Date Submitted:	October 2004
Project Priority:	Low
Project Description:	Install sanitary sewer main in the area of Madison Street and Fifth Street to convert eight homes from septic to public sewer. This is the
CIP Evaluation Criteria:	New Facility, Equitable Provision of Services, Health Safety
	P. 113 "Where feasible, connect all residences not currently served with sanitary sewer and water to the City's system to protect the public health and safety of the community and the City's water supply."
Comprehensive Plan:	
Multi-year:	No
Coordination:	No
Cost Estimate:	\$220,000
Basis of Cost Estimate:	Similar projects
Funding Source:	Sewer Fund

PUBLIC SAFETY

Project Title:	Replace office computers
Department:	Police
Date Submitted:	December 2018
Project Priority:	High
Project Description:	Purchase 11 new desktop computers for the Police Department to replace computers that have outlived their useful lives.
CIP Evaluation Criteria:	Deteriorated Facility, Systematic Replacement, Operating Efficiency
Comprehensive Plan:	No direct reference.
Multi-year:	No
Coordination:	No
Cost Estimate:	\$12,500
Basis of Cost Estimate:	Estimate from IT consultant
Funding Source:	General Fund

Project Title:	Storm windows for Police Department
Department:	Police
Date Submitted:	December 2018
Project Priority:	High
Project Description:	Purchase storm window inserts for the interior of the Police Department. The windows are designed to fit inside the jambs and sill to provide energy efficient
CIP Evaluation Criteria:	Operating Efficiency
Comprehensive Plan:	No direct reference.
Multi-year:	No
Coordination:	No
Cost Estimate:	\$15,000
Basis of Cost Estimate:	Estimate from vendor
Funding Source:	General Fund

Project Title:	Police Rolling Stock Plan
Department:	Police
Date Submitted:	December 2018
Project Priority:	High
Project Description:	Systematic plan to replace squad cars in the Police Department. Replacement plan should be based on operating cost per mile, disruption to operations resulting from repairs and safety of the vehicles.
CIP Evaluation Criteria:	Deteriorated Facility, Systematic Replacement, Operating Efficiency
	P. 115 "Identify grant funding and other outside sources that will aid in purchasing capital equipment and the construction of new facilities, if they are determined to be necessary."
Comprehensive Plan:	
Multi-year:	No
Coordination:	No
Cost Estimate:	\$185,809
Basis of Cost Estimate:	Estimate based on current costs of new vehicles plus inflation factor
Funding Source:	General Fund/Court Fines

FIRE DEPARTMENT

Project Title: **Paint exterior of building and replace windows**
 Department: Fire
 Date Submitted: January 2010
 Project Priority: Low
 Project Description: Replace all windows on the Bench Street Fire Department building with new energy efficient windows and paint exterior doors.
 CIP Evaluation Criteria: Deteriorated Facility, Systemmatic Replacement, Resource Conservation
 Comprehensive Plan: No direct reference.
 Multi-year: No
 Coordination: No
 Cost Estimate: \$55,000
 Basis of Cost Estimate: Estimate
 Funding Source: Fire Fund

Project Title: **Replace bunker gear**
 Department: Fire
 Date Submitted: January 2015
 Project Priority: High
 Project Description: Replace outer protective clothing for all fire fighters.
 CIP Evaluation Criteria: Deteriorated Facility, Systematic Replacement, Health Safety
 Comprehensive Plan: No direct reference
 Multi-year: No
 Coordination: No
 Cost Estimate: \$150,000
 Basis of Cost Estimate: Estimate
 Funding Source: Fire Fund

Project Title: **Replace SCBA gear**
 Department: Fire
 Date Submitted: January 2015
 Project Priority: Medium
 Project Description: Replace self contained breathing apparatus (SCBA)
 CIP Evaluation Criteria: Deteriorated Facility, Systematic Replacement, Health Safety
 Comprehensive Plan: No direct reference
 Multi-year: No
 Coordination: No
 Cost Estimate: \$150,000
 Basis of Cost Estimate: Estimate
 Funding Source: Fire Fund

Project Title: **Training center classroom building**
 Department: Fire
 Date Submitted: January 2015
 Project Priority: High
 Project Description: Begin construction of new multi-purpose classroom building with vehicle bay. Building to be located on the property of the training center in the Industrial Park.
 CIP Evaluation Criteria: Operating Efficiency, New Facility, Health Safety
 Comprehensive Plan: No direct reference
 Multi-year: No
 Coordination: No
 Cost Estimate: \$960,000
 Basis of Cost Estimate: Architect's Estimate
 Funding Source: Fire Fund, not-for-profit Volunteer Fire Department

Project Title:	Fire Department Rolling Stock Plan
Department:	Fire
Date Submitted:	December 2018
Project Priority:	Medium
Project Description:	Systematic replacement of fire vehicles. (See Fire Department Rolling Stock Plan)
CIP Evaluation Criteria:	Deteriorated Facility, Systematic Replacement, Operating Efficiency
Comprehensive Plan:	P. 115 "Develop a long term capital equipment and staffing plan for the Police and Fire Departments, based on population, tourism and
Multi-year:	No
Coordination:	No
Cost Estimate:	\$150,000
Basis of Cost Estimate:	Review of current costs plus inflation
Funding Source:	Fire Fund, borrowing

PARKS AND RECREATION

Project Title:	Grant Park Restoration
Department:	Parks
Date Submitted:	December 2017
Project Priority:	High
Project Description:	Two year commitment of \$25,000 each year toward the Grant Park Restoration Project. The project is a partnership with the Galena Foundation to improve and fully rehabilitate the park.
CIP Evaluation Criteria:	Health Safety, Deteriorated Facility, Systematic Replacement
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$50,000
Basis of Cost Estimate:	Annual amount
Funding Source:	Park Fund

Project Title:	Canoe and kayak launch
Department:	Parks
Date Submitted:	January 2015
Project Priority:	High
Project Description:	Construction of a canoe, kayak launch and park south of the U.S. Highway 20 bridge and east of the Gazette parking lot. The project is expected to be completely grant funded.
CIP Evaluation Criteria:	Expanded Facility, Resource Conservation
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	Yes. Water main replacement has been completed in the area of the parking lot.
Cost Estimate:	\$110,000
Basis of Cost Estimate:	Engineer's estimate
Funding Source:	DNR grant funds, Community Development Fund of Galena grant

Project Title:	Ridge Street park playground replacement
Department:	Parks
Date Submitted:	December 2018
Project Priority:	Medium
Project Description:	Replace all playground equipment in the park with current, code compliant equipment.
CIP Evaluation Criteria:	Systematic Replacement, Health Safety, Deteriorated Facility
Comprehensive Plan:	P. 119 "Develop a comprehensive maintenance program for the parks. This program should be part of the regular Capital Improvement
Multi-year:	No
Coordination:	No
Cost Estimate:	\$40,000
Basis of Cost Estimate:	Cost of similar projects
Funding Source:	Grant

Project Title:	Bouthillier Street park playground replacement
Department:	Parks
Date Submitted:	December 2018
Project Priority:	Medium
Project Description:	Replace all playground equipment in the park with current, code compliant equipment.
CIP Evaluation Criteria:	Systematic Replacement, Health Safety, Deteriorated Facility
Comprehensive Plan:	P. 119 "Develop a comprehensive maintenance program for the parks. This program should be part of the regular Capital Improvement
Multi-year:	No
Coordination:	No
Cost Estimate:	\$40,000
Basis of Cost Estimate:	Cost of similar projects
Funding Source:	Parks Fund

Project Title:	Replace lighting at Rec Park ball field
Department:	Parks
Date Submitted:	December 2017
Project Priority:	Medium
Project Description:	Replace lighting on poles above Rec Park ball field. Add lighting to allow sand volleyball courts to be used at night.
CIP Evaluation Criteria:	Systematic Replacement, Health Safety, Deteriorated Facility
Comprehensive Plan:	P. 119 "Develop a comprehensive maintenance program for the parks. This program should be part of the regular Capital Improvement
Multi-year:	No
Coordination:	No
Cost Estimate:	\$80,000
Basis of Cost Estimate:	Engineer's Estimate
Funding Source:	Park Fund

Project Title:	Swimming pool maintenance and improvements
Department:	Pool
Date Submitted:	December 2018
Project Priority:	High, Medium, Low
Project Description:	Numerous maintenance and improvement projects implemented over a multi-year period. The projects are more fully described in Appendix H, "Swimming Pool Maintenance and Improvement Plan."
CIP Evaluation Criteria:	Systematic Replacement, Health Safety, Deteriorated Facility, Expanded Facility
Comprehensive Plan:	P. 119 "Develop a comprehensive maintenance program for the parks. This program should be part of the regular Capital Improvement Plan."
Multi-year:	Yes
Coordination:	No
Cost Estimate:	\$155,500
Basis of Cost Estimate:	Quotes and estimates
Funding Source:	Pool Fund

TURNER HALL

Project Title:	Turner Hall maintenance and improvements
Department:	Turner Hall
Date Submitted:	December 2018
Project Priority:	Medium
Project Description:	Numerous maintenance and improvement projects implemented over a multi-year period. The projects are more fully described in Appendix I, "Turner Hall Maintenance and Improvement Plan."
CIP Evaluation Criteria:	Resource Conservation, Operating Efficiency, Deteriorated Facility, Systematic Replacement, Expanded Facility
Comprehensive Plan:	P. 121 "Continue to better utilize Turner Hall."
Multi-year:	Yes, two year project
Coordination:	No
Cost Estimate:	\$187,500
Basis of Cost Estimate:	Estimates
Funding Source:	Turner Hall Fund, General Fund, grants

ATTACHMENT B. EVALUATION OF PROJECTS USING CRITERIA (FY 2020-2024)

Dept.	Project Description	Criterion							
		Health/Safety Risk	Systematic Replacement	Deteriorated Facility	Equitable Provision	Operating Efficiency	Coordination	New/Expanded Facility	Resource Conservation
Public Works									
DPW	5-Year Street Improvement Program (See Appendix A)		X	X	X	X	X		
DPW	Downtown sidewalk and crosswalk replacement	X	X	X					
DPW	Paint Highway 20 and Riverside Drive traffic lights	X		X					
DPW	Replace approach structure on Meecker St pedestrian bridge	X	X	X					
DPW	Repairs to Kohlsaar Bridge deck	X	X	X					
DPW	Additional parking at Recreation Park							X	
DPW	Gear Street sidewalk	X						X	
DPW	Commerce Street parking lot design and reconstruction		X	X					
DPW	Replace culvert on Dodge Street between Gear and South		X	X					
DPW	Repair headwall at top of Green Street Steps			X					
DPW	Paint Highway 20 bridge railings			X					
DPW	Replace Green Street steps from Main to Bench		X	X					
DPW	Dewey Avenue bridge replacement	X	X	X					
DPW	Sidewalk from US 20 to Cobblestone	X						X	
DPW	Annual sidewalk/steps replacement program	X		X	X			X	
DPW	Seal concrete floor in Public Works Building			X					
DPW	Wayfinding signage project	X	X	X					
DPW	Public Works Rolling Stock Plan		X	X		X			
Engineering/Administration									
ENG	Replace office computers and council iPads		X			X			
ENG	Battery storage for City Hall solar							X	X
Flood Control									
FLD	Flood Control Rolling Stock Plan		X	X		X			
FLD	Replace controller at Riverside Drive pump station		X	X		X			
Water									
WAT	Update SCADA system and computer	X		X		X			X
WAT	Water system modeling and tower elimination study	X	X	X		X			X
WAT	West side water system improvements	X	X	X		X			X
WAT	Hydrant and valve replacement	X	X	X		X			X
WAT	Pipe locator	X				X		X	X
WAT	Elm Street water main addition	X				X	X	X	
WAT	South Street watermain replacement	X	X	X		X			X
WAT	East Side Water System DS1-Park Ave water main	X	X		X				
WAT	East Side Water System DS2-Highway 20 water main	X	X		X				
WAT	East Side Water System DS3-south pressure reduction station	X			X			X	
WAT	East Side Water System WS1-new well and pump house	X			X			X	
WAT	Water Rolling Stock Plan		X	X		X			

Dept.	Project Description	Health/Safety Risk	Systematic Replacement	Deteriorated Facility	Equitable Provision	Operating Efficiency	Coordination	New/Expanded Facility	Resource Conservation
Sewer									
SEW	Sewer video camera		X			X			
SEW	East side sewer crossing repair	X	X	X		X			
SEW	Screening building controller replacement	X	X			X			
SEW	Treatment plant influent samplers replacement	X	X			X			
SEW	Inflow and infiltration study					X			X
SEW	Hughlett Creek sewer main replacement		X					X	
SEW	Madison and Fifth Street sewer main extension	X			X			X	
SEW	Sewer Rolling Stock Plan		X	X		X			
Public Safety									
POL	Replace office computers		X	X		X			
POL	Storm windows for Police Department					X			
POL	Police Rolling Stock Plan		X	X		X			
Fire									
FD	Paint exterior of building and replace windows		X	X					X
FD	Replace bunker gear	X	X	X					
FD	Replace SCBA gear	X	X	X					
FD	Training center classroom building	X				X		X	
FD	Fire Department Rolling Stock Plan		X	X		X			
Culture and Recreation									
PAR	Grant Park Restoration	X	X	X					
PAR	Canoe and kayak launch							X	X
PAR	Ridge Street park playground replacement	X	X	X					
PAR	Bouthillier Street park playground replacement	X	X	X					
PAR	Replace lighting at Rec Park ball field	X	X	X					
SP	Swimming pool maintenance and improvements	X	X	X				X	
TH	Turner Hall maintenance and improvements		X	X		X		X	X

ATTACHMENT C. RECOMMENDED CAPITAL IMPROVEMENT PLAN (FY 2020-2024)

Dept.	Project Description	Estimated Cost	Grant Funding?	Priority			FY 19/20 Cost	FY 20/21 Cost	FY 21/22 Cost	FY 22/23 Cost	FY 23/24 Cost	Total CIP Cost
				High	Medium	Low						
Public Works												
DPW	5-Year Street Improvement Program (See Appendix A)	\$ 1,834,716		X			\$ 310,000	\$ 342,350	\$ 363,712	\$ 412,695	\$ 405,959	\$ 1,834,716
DPW	Downtown sidewalk and crosswalk replacement	\$ 420,000	X	X			\$ 320,000		\$ 50,000		\$ 50,000	\$ 420,000
DPW	Paint Highway 20 and Riverside Drive traffic lights	\$ 12,000		X			\$ 12,000					\$ 12,000
DPW	Replace approach structure on Meeker St pedestrian bridge	\$ 35,000		X				\$ 35,000				\$ 35,000
DPW	Repairs to Kohlsaar Bridge deck	\$ 12,000		X			\$ 12,000					\$ 12,000
DPW	Additional parking at Recreation Park	\$ 50,000	X	X			\$ 50,000					\$ 50,000
DPW	Gear Street sidewalk	\$ 190,000		X								\$ -
DPW	Commerce Street parking lot design and reconstruction	\$ 112,500		X			\$ 12,000	\$ 100,000				\$ 112,000
DPW	Replace culvert on Dodge Street between Gear and South	\$ 15,000		X			\$ 15,000					\$ 15,000
DPW	Repair headwall at top of Green Street Steps	\$ 10,000			X				\$ 10,000			\$ 10,000
DPW	Paint Highway 20 bridge railings	\$ 12,000			X		\$ 12,000					\$ 12,000
DPW	Replace Green Street steps from Main to Bench	\$ 30,000			X						\$ 30,000	\$ 30,000
DPW	Dewey Avenue bridge replacement	\$ 73,500	X		X			\$ 73,500				\$ 73,500
DPW	Sidewalk from US 20 to Cobblestone	\$ 50,000			X			\$ 50,000				\$ 50,000
DPW	Annual sidewalk/steps replacement program	\$ 50,000			X		\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
DPW	Seal concrete floor in Public Works Building	\$ 60,000			X			\$ 60,000				\$ 60,000
DPW	Wayfinding signage project	\$ 106,500			X							\$ -
DPW	Public Works Rolling Stock Plan	\$ 618,400			X		\$ 123,300	\$ 165,300	\$ 103,800	\$ 121,500	\$ 104,500	\$ 618,400
	TOTAL	\$ 3,691,616					\$ 876,300	\$ 836,150	\$ 537,512	\$ 544,195	\$ 600,459	\$ 3,394,616
Engineering/Administration												
ENG	Replace office computers and council iPads	\$ 35,000		X			\$ 35,000					\$ 35,000
ENG	Battery storage for City Hall solar	\$ 10,000	X		X							\$ -
	TOTAL	\$ 45,000					\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ 35,000
Flood Control												
FLD	Flood Control Rolling Stock Plan	\$ 30,850		X				\$ 3,500	\$ 9,550	\$ 3,800	\$ 10,000	\$ 26,850
FLD	Replace controller at Riverside Drive pump station	\$ 12,000		X			\$ 12,000					\$ 12,000
	TOTAL	\$ 42,850					\$ 12,000	\$ 3,500	\$ 9,550	\$ 3,800	\$ 10,000	\$ 38,850
Water												
WAT	Update SCADA system and computer	\$ 75,000		X			\$ 75,000					\$ 75,000
WAT	Water system modeling and tower elimination study	\$ 61,200		X			\$ 35,400	\$ 25,800				\$ 61,200
WAT	West side water system improvements	\$ 350,000		X			\$ 20,000	\$ 130,000	\$ 100,000	\$ 100,000		\$ 350,000
WAT	Hydrant and valve replacement	\$ 20,000		X				\$ 10,000		\$ 10,000		\$ 20,000
WAT	Pipe locator	\$ 10,000		X								\$ -
WAT	Elm Street water main addition	\$ 84,200		X						\$ 84,200		\$ 84,200
WAT	South Street watermain replacement	\$ 165,000			X				\$ 165,000			\$ 165,000
WAT	East Side Water System DS1-Park Ave water main	\$ 1,400,000			X			\$ 1,400,000				\$ 1,400,000
WAT	East Side Water System DS2-Highway 20 water main	\$ 200,000			X		\$ 200,000					\$ 200,000
WAT	East Side Water System DS3-south pressure reduction station	\$ 200,000				X						\$ -
WAT	East Side Water System WS1-new well and pump house	\$ 1,635,000				X						\$ -
WAT	Water Rolling Stock Plan	\$ 80,000				X	\$ 44,000	\$ 24,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 80,000
	TOTAL	\$ 4,280,400					\$ 374,400	\$ 1,589,800	\$ 269,000	\$ 198,200	\$ 4,000	\$ 2,435,400

Dept.	Project Description	Estimated Cost		Priority			FY 19/20 Cost	FY 20/21 Cost	FY 21/22 Cost	FY 22/23 Cost	FY 23/24 Cost	Total CIP Cost
				High	Medium	Low						
Sewer												
SEW	Sewer video camera	\$ 20,000		X			\$ 20,000					\$ 20,000
SEW	East side sewer crossing repair	\$ 12,000		X			\$ 12,000					\$ 12,000
SEW	Screening building controller replacement	\$ 12,000		X			\$ 12,000					\$ 12,000
SEW	Treatment plant influent samplers replacement	\$ 16,000		X			\$ 8,000	\$ 8,000				\$ 16,000
SEW	Inflow and infiltration study	\$ 10,000			X			\$ 10,000				\$ 10,000
SEW	Hughlett Creek sewer main replacement	\$ 130,000				X						\$ -
SEW	Madison and Fifth Street sewer main extension	\$ 220,000				X			\$ 220,000			\$ 220,000
SEW	Sewer Rolling Stock Plan	\$ 40,000			X		\$ 12,000	\$ 2,000	\$ 2,000	\$ 2,000		\$ 18,000
	TOTAL	\$ 460,000					\$ 64,000	\$ 20,000	\$ 2,000	\$ 222,000	\$ -	\$ 308,000
Public Safety												
POL	Replace office computers	\$ 12,500		X			\$ 12,500					\$ 12,500
POL	Storm windows for Police Department	\$ 15,000			X		\$ 15,000					\$ 15,000
POL	Police Rolling Stock Plan	\$ 185,809		X			\$ 35,000		\$ 37,130	\$ 38,240	\$ 39,390	\$ 149,759
	TOTAL	\$ 213,309					\$ 62,500	\$ -	\$ 37,130	\$ 38,240	\$ 39,390	\$ 177,259
Fire												
FD	Paint exterior of building and replace windows	\$ 55,000		X			\$ 55,000					\$ 55,000
FD	Replace bunker gear	\$ 150,000			X				\$ 150,000			\$ 150,000
FD	Replace SCBA gear	\$ 150,000			X							\$ -
FD	Training center classroom building	\$ 960,000				X						\$ -
FD	Fire Department Rolling Stock Plan	\$ 150,000		X			\$ -		\$ -			\$ -
	TOTAL	\$ 1,465,000					\$ 55,000	\$ -	\$ 150,000	\$ -	\$ -	\$ 205,000
Culture and Recreation												
PAR	Grant Park Restoration	\$ 50,000	X	X			\$ 25,000					\$ 25,000
PAR	Canoe and kayak launch	\$ 110,000	X	X			\$ 110,000					\$ 110,000
PAR	Ridge Street park playground replacement	\$ 40,000	X		X			\$ 40,000				\$ 40,000
PAR	Bouthillier Street park playground replacement	\$ 40,000			X				\$ 40,000			\$ 40,000
PAR	Replace lighting at Rec Park ball field	\$ 80,000			X				\$ 80,000			\$ 80,000
SP	Swimming pool maintenance and improvements	\$ 155,500		X	X	X	\$ 102,500	\$ 23,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 155,500
	TOTAL	\$ 475,500					\$ 237,500	\$ 63,000	\$ 90,000	\$ 50,000	\$ 10,000	\$ 450,500
TH												
TH	Turner Hall maintenance and improvements	\$ 187,500	X	X	X	X	\$ 75,000	\$ 37,500	\$ 50,000	\$ -	\$ 25,000	\$ 187,500
	TOTAL	\$ 187,500					\$ 75,000	\$ 37,500	\$ 50,000	\$ -	\$ 25,000	\$ 187,500
	TOTAL	\$ 10,818,325					\$ 1,779,700	\$ 2,546,450	\$ 1,135,642	\$ 1,052,635	\$ 678,848	\$ 7,193,275

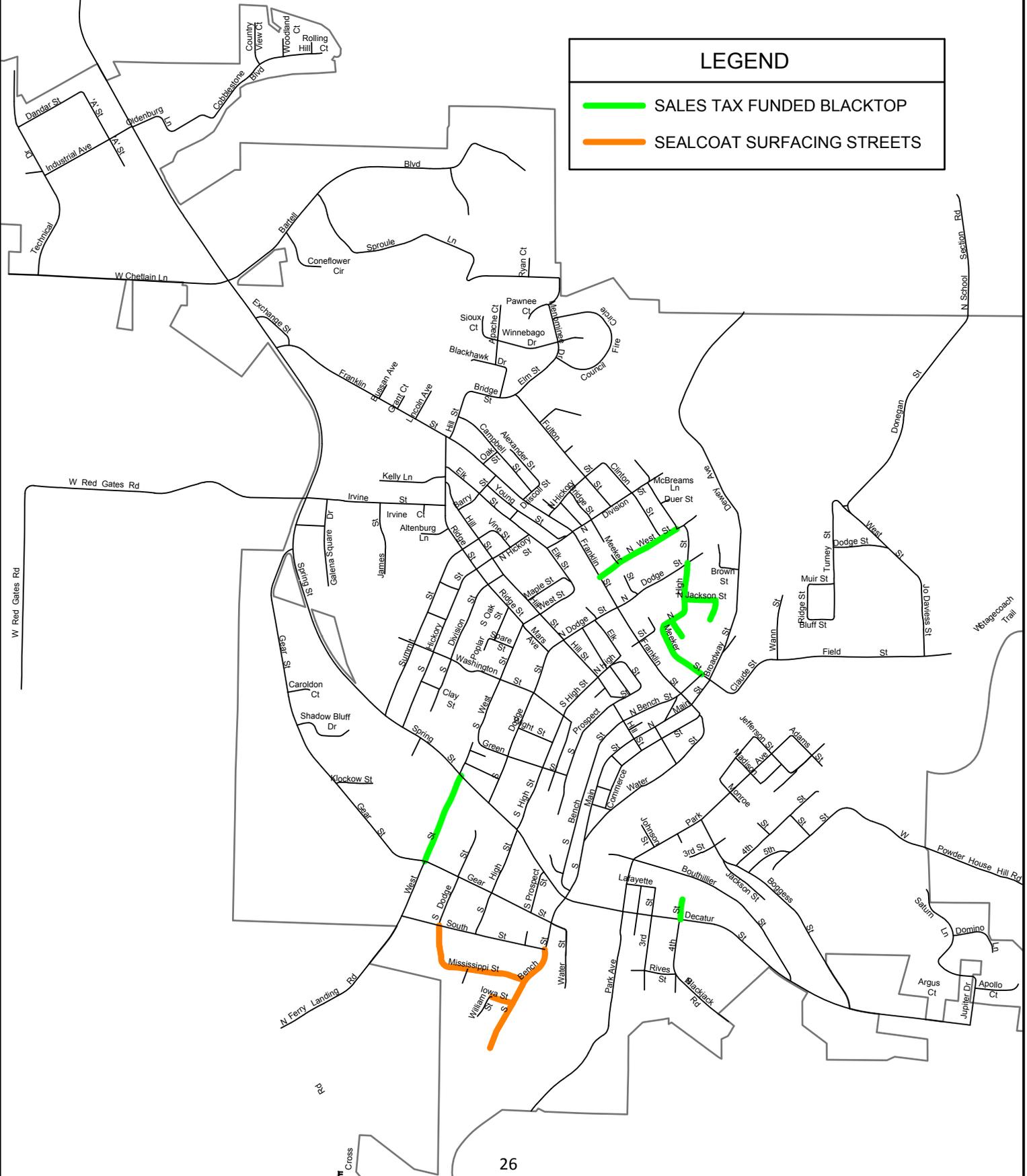
APPENDIX A: 5-YEAR STREET IMPROVEMENT PROGRAM (FY 2020-2024)

Street	Location	FY 19/20 Cost	FY 20/21 Cost	FY 21/22 Cost	FY 22/23 Cost	FY 23/24 Cost
FY 19/20 (Year 1)						
Sales Tax Projects-Blacktop Overlay						
West Street	Franklin Street to High Street	\$ 57,620				
Fourth Street	Highway 20 to Lafayette	\$ 7,725				
Meeker/N. High Street	Bench Street to Dodge Street	\$ 76,255				
Soldier's Monument Drive	Meeker Street to end	\$ 13,460				
Jackson Street	N. High Street to Harrison Street	\$ 20,000				
Harrison Street	Jackson Street to end	\$ 12,840				
West Street	Highway 20 to Gear Street (including new curb and gutter)	\$ 108,000				
	Blacktop Total	\$ 295,900				
Sales Tax Projects-Sealcoat						
South Bench Street	South Street to end	\$ 8,050				
Mississippi Street	Bench Street to Dodge Street	\$ 6,050				
	Seal Coat Total	\$ 14,100				
Sales Tax Projects-Alley Resurfacing						
No alley resurfacing planned						
	Alley Total	\$ -				
	Sales Tax Projects Total	\$ 310,000				
	TOTAL FY 19/20	\$ 310,000				
FY 20/21 (Year 2)						
Sales Tax Projects-Blacktop Overlay						
Hickory Street	Highway 20 to Ridge Street		\$ 106,835			
Alexander Street	Driscoll Avenue to End		\$ 17,295			
High Street	Highway 20 to South Street		\$ 58,900			
Elk Street	High Street to Dodge Street to West Street		\$ 18,460			
South Street	West to Bench		\$ 98,000			
S. Dodge Street	Gear Street to South Street		\$ 31,000			
S. Prospect Street	South Street to End		\$ 4,540			
Clay Street	Hickory Street to Division Street		\$ 7,320			
	Blacktop Total		\$ 342,350			
Sales Tax Projects-Alley Resurfacing						
No alley resurfacing planned						
	Alley Total		\$ -			
Sales Tax Projects-Sealcoat						
No sealcoat projects planned						
	Sealcoat Total		\$ -			
	TOTAL FY 20/21		\$ 342,350			
FY 21/22 (Year 3)						
Sales Tax Projects-Blacktop Overlay						
West Street	Ridge Street to Dodge Street			\$ 98,420		
Timp 1 Subdivision	Jupiter Drive, Apollo Court, Argus Court, Saturn Lane, Domino Lane			\$ 182,815		
Fourth Street	Bogges Street to End			\$ 53,155		
Monroe Street	Fourth Street to End			\$ 3,152		
	Blacktop Total			\$ 337,542		
Sales Tax Projects-Alley Resurfacing						
Hill Street	High Street to Prospect Street			\$ 20,020		
	Alley Total			\$ 20,020		
Sales Tax Projects-Sealcoat						
No sealcoat projects planned						
	Sealcoat Total			\$ -		
	Sales Tax Projects Total			\$ 357,562		
Non-Sales Tax-Sealcoat						
Parks Department parking lot	Old wastewater plant			\$ 6,150		
	TOTAL FY 21/22			\$ 363,712		
FY 22/23 (Year 4)						
Sales Tax Projects-Blacktop Overlay						
Hill Street, Bridge Street, Elm Street	Franklin Street to Winnebago Drive				\$ 130,000	
S. Division Street	Hill Street to End				\$ 54,080	
Washington Street	Summit Street to High Street				\$ 98,500	
	Blacktop Total				\$ 282,580	
Sales Tax Projects-Alley Resurfacing						
No alley resurfacing planned						
	Alley Total				\$ -	
Sealcoat						
No sealcoating planned						
	Sealcoat Total				\$ -	
	Sales Tax Projects Total				\$ 282,580	
Other Blacktop Projects (Non-Sales Tax)						
Industrial Drive	US Highway 20 to Technical Drive				\$ 53,345	
Technical Drive	Chetlain Lane to Industrial Drive				\$ 76,770	
	Other Projects Total				\$ 130,115	
	TOTAL FY 22/23				\$ 412,695	
FY 23/24 (Year 5)						
Sales Tax Projects-Blacktop Overlay						
S. High Street	Highway 20 to Hill Street					\$ 120,680
Fifth Street	Bogges Street to Madison Street					\$ 53,850
Madison Street	Fourth Street to Fifth Street					\$ 17,859
Powder House Hill Road	Highway 20 to Madison Street					\$ 213,570
	Blacktop Total					\$ 405,959
Alley Resurfacing						
No alley resurfacing planned						
	Alley Total					\$ -
Sealcoat						
No sealcoating planned						
	Sealcoat Total					\$ -
	Sales Tax Projects Total					\$ 405,959
	TOTAL FY 23/24					\$ 405,959
TOTAL CIP COST						\$ 1,834,716

APPENDIX A1

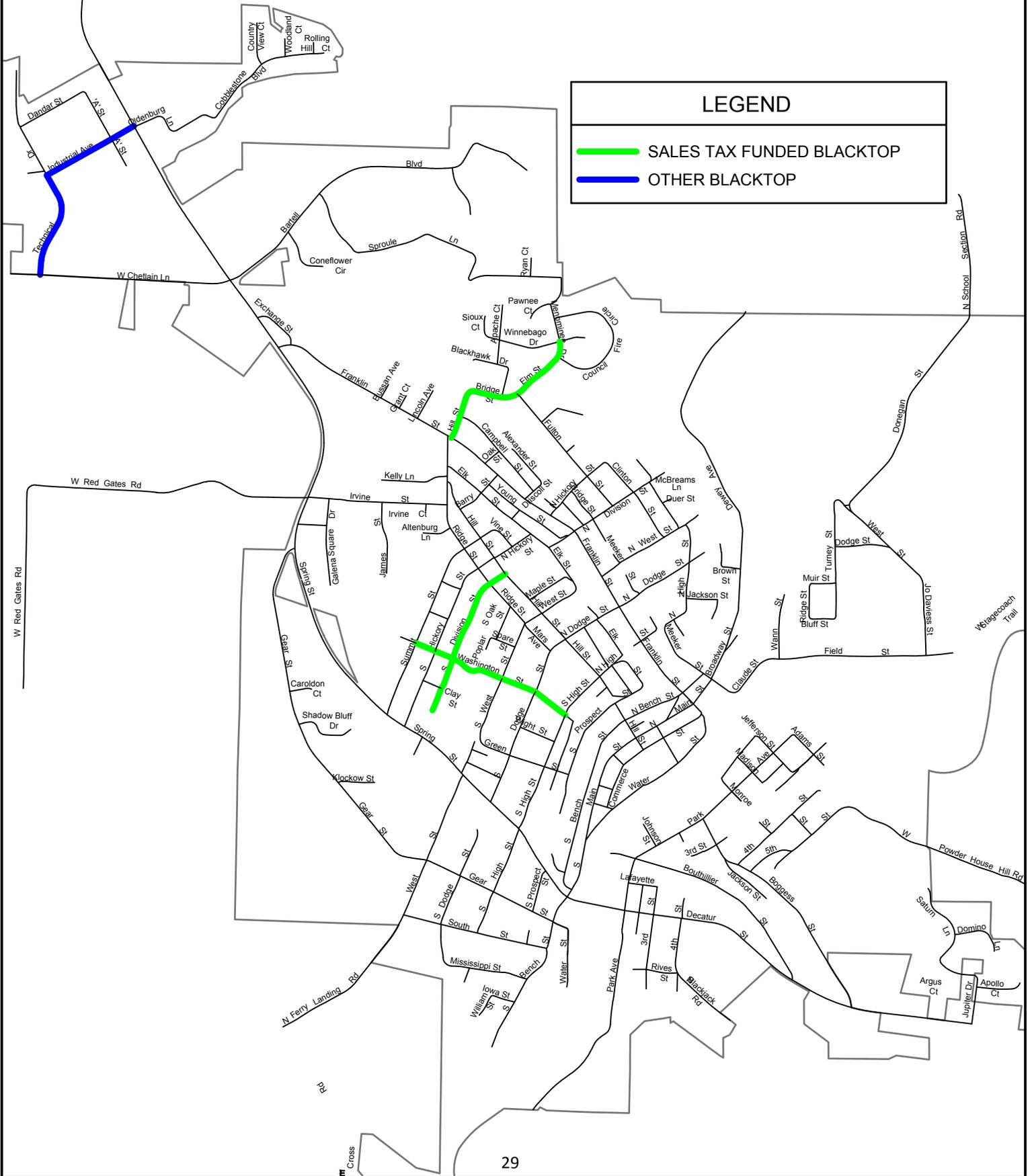
CITY OF GALENA - 5 YR. STREET IMPROVEMENT PROGRAM FY 2019-2020

LEGEND	
	SALES TAX FUNDED BLACKTOP
	SEALCOAT SURFACING STREETS



APPENDIX A1

CITY OF GALENA - 5 YR. STREET IMPROVEMENT PROGRAM FY 2022-2023



LEGEND	
——	SALES TAX FUNDED BLACKTOP
——	OTHER BLACKTOP

APPENDIX A2: ALLEY IMPROVEMENT PLAN (FY 2013-2022)

Based on Condition Assessment Conducted February 7, 2012

Map Location	Alley Location Description	Surface Material	(PASER) Condition	Resurfacing Material	Square Feet	Estimated Surfacing Cost	Priority	Construction Year
A	Between Prospect and High (from Green to Washington)	Asphalt	2	Complete Asphalt Reconstruct	-11,000	\$ 32,700	1	Complete
B	Between Prospect and High (south of Green Street)	Asphalt	6	Patch Edges & 1-2" Asphalt Overlay	-13,000	\$ 19,300	10	Complete
C	Between Prospect and High (south of Hill Street)	Asphalt	5	Patch & 1-2" Asph. O.L. or Patch & Crack Seal?	3,900	\$ 6,750	9	2021-22
D	Between Elk and Hill (from Prospect to High)	Asphalt	1	Complete Asphalt Reconstruct	-8,700	\$ 26,000	3	Complete
E	North of Franklin (between Driscoll and Hickory)	Asphalt	2	Complete Asphalt Reconstruct	-5,400	\$ 7,300	6	Complete
F	Between Elk and Hill (from Dodge to High)	Asphalt	1	Complete Asphalt Reconstruct	-10,300	\$ 30,650	2	Complete
G	Between Franklin and Bridge (from Division to Hickory)	Asphalt	1	Complete Asphalt Reconstruct	-7,300	\$ 7,300	5	Complete
H	Between Main and Bench (north of Hill Street)	Gravel	1	Complete Asphalt Reconstruct	-4,300	\$ 12,800	4	Complete
I	Between Park and Third (South of US 20)	Asphalt	1	Complete Asphalt Reconstruct	-3,400	NA	Private	Complete
J	Between Park and Third (from Lafayette to US 20)	Asphalt	4	Patch Edges & 1-2" Asphalt Overlay	-6,600	\$ 11,400	8	Complete
K	Between Park and Third (from Jefferson to Madison)	Asphalt	3	Patch Edges & 1-2" Asphalt Overlay	-10,200	\$ 17,700	7	Complete
TOTAL						\$ 171,900		

NOTE: Cost estimates are based on at least 30-50% of work being completed at same time. Otherwise, mobilization costs for single work items will increase cost.

APPENDIX B: NON-HOME RULE SALES TAX (1/2%) STREET & INFRASTRUCTURE PROGRAM
Completed Projects

Completed Projects															
	FY 2008-09	FY 2009-10	FY 2009-10	FY 2010-11	FY 2010-11	FY2011-12	FY2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
Improvement	Bouthillier Street	Dewey Avenue	Jackson Street	Pre-ERP & ERP	Main Street, Meeker Street	Main Street, Gear Street, Flood Pumps	Downtown Flood Pumps	Downtown Flood Pumps	Park Avenue	Kelly Lane, Alleys, Bench Street Repairs	Field, Hill, Elk, N. West, Division, South Bench Street	Poplar, N. Division, Clay, + 7	Dodge, Wight, Powder House, Shadow Bluff	West (2), 4th, Meeker, Harrison, Jackson	
Street (Rating) Condition	3-4 (Poor-Fair)	3-4 (Poor-Fair)	2-3 (Very Poor - Poor)	2-3 (Very Poor - Poor)	4 (Fair)	2-3 (Very Poor - Poor)	4 (Fair)	4 (Fair)	2-3 (Very Poor - Poor)	2-3 (Very Poor - Poor)	2-3 (Very Poor - Poor)	2-3 (Very Poor - Poor)	2-3 (Very Poor - Poor)	2-3 (Very Poor - Poor)	
Street Construction	X	X	X	X	X	X			X	X	X	X	X	X	
Curb & Gutter	X	X	X	X	X	X			X	X				X	
Sidewalk				X	X	X			X	X					
Water	X		X		X	X			X						
Sanitary Sewer	X		X		X	X			X						
Storm Sewer					X	X	X	X	X						
Engineering					X	X	X	X	X						
Construction Sub-Total															
Contingency (5%)															
CONSTRUCTION TOTAL	\$ 500,500	\$ 398,068	\$ 292,476	\$ 502,521	\$ 751,941	\$ 152,800	\$ 27,150	\$ 746,476	\$ 84,956	\$ 127,090	\$ 330,615	\$ 207,200	\$ 181,700	\$ 310,000	\$ 4,613,492
Interest Expense	\$ 130,258	\$ 96,996	\$ 77,065	\$ 51,784	\$ 133,674	\$ -	\$ -	\$ 34,270	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 524,048
TOTAL PROJECT COST	\$ 630,758	\$ 495,064	\$ 369,541	\$ 554,305	\$ 885,615	\$ 152,800	\$ 27,150	\$ 780,746	\$ 84,956	\$ 127,090	\$ 330,615	\$ 207,200	\$ 181,700	\$ 310,000	\$ 5,137,540

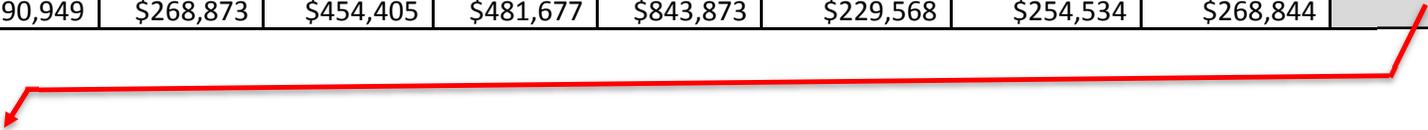
Notes:

1. Street Condition: Based on PASER rating system: 1 - Failed, 2 - Very Poor, 3 - Poor, 4 - Fair, 5 - Fair, 6 - Good, 7 - Good, 8 - Very Good, 9 - Excellent and 10 - Excellent
2. Street Surface: all streets to be blacktop unless otherwise noted
3. The IDOT has indicated that the Gear Street resurfacing will be included in the US 20 project. The surfacing cost is excluded from the Gear Street project cost.
4. Interest expense assumes borrowing at 4.85% interest for 10 years.
5. ERP = Emergency Street Repair Program grant from the Illinois Department of Transportation

APPENDIX C: STREET IMPROVEMENT SALES TAX FUND PROJECTED YEAR-END FUND BALANCE

Fiscal Year

Year-End Fund Balance	2008-09*	2009-10*	2010-11*	2011-12*	2012-13*	2013-14*	2014-15*	2015-16*	Continued Below
Fund Balance	\$190,949	\$268,873	\$454,405	\$481,677	\$843,873	\$229,568	\$254,534	\$268,844	



Year-End Fund Balance	2016-17*	2017-18*	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Fund Balance	\$115,564	\$65,355	\$82,459	\$47,901	\$67,270	\$106,643	\$227,929	\$256,616	\$691,261

Notes:

* Actual audited fund balance. All other years are projected based on proposed CIP expenditures.

APPENDIX D. PUBLIC WORKS DEPARTMENT ROLLING STOCK AND EQUIPMENT PLAN (FY 2020-2024)

Current Stock		Replacement Stock								
Year	Rolling Stock	Replace With	Priority	Total Cost	FY 19/20 Cost	FY 20/21 Cost	FY 21/22 Cost	FY 22/23 Cost	FY 23/24 Cost	Total CIP Cost
1961	125 Mobile Air Compressor			\$ -						\$ -
1991	Brush Chipper			\$ -						\$ -
2005	John Deere 410 Backhoe			\$ -						\$ -
2007	Sterling 10 Ton Dump w/ Plow	Same	High	\$ 80,000	\$ 80,000					\$ 80,000
2008	Tymco Street Sweeper	Same	Medium	\$ 130,000		\$ 130,000				\$ 130,000
2011	International 10 Ton Dump w/ Plow/Spreader	Same	Low	\$ 85,000				\$ 85,000		\$ 85,000
2011	Chevy 1 Ton Truck w/ Plow/Spreader	Same		\$ -						\$ -
2012	Ford 1 Ton Truck w/ Plow/Spreader/Dump			\$ -						\$ -
2014	Chevy 1 Ton with Plow/Spreader/Dump	Same	Low	\$ 80,000			\$ 80,000			\$ 80,000
2014	Case Mini Excavator			\$ -						\$ -
2015	Ford 1 Ton Truck w/ Plow/Spreader/Dump		Low	\$ 80,000					\$ 80,000	\$ 80,000
2015	748 John Deere Mower	Same	Medium	\$ 11,000			\$ 11,000			\$ 11,000
2015	285 John Deere Z-Turn Mower	Same	High	\$ 22,000	\$ 11,000			\$ 11,000		\$ 22,000
2015	Articulating Boom Mower			\$ -						\$ -
2016	3/4 Ton Ford Pickup w/ Plow			\$ -						\$ -
2018	John Deere 524 End loader w/ Backhoe (50% Flood Control)*	Same	Medium	\$ 23,500		\$ 11,500		\$ 12,000		\$ 23,500
2016	Brush grapple bucket			\$ -						\$ -
2016	Bat wing mower attachment for tractor			\$ -						\$ -
2017	748 John Deere Mower	Same	Medium	\$ 22,000		\$ 11,000			\$ 11,000	\$ 22,000
2017	John Deere 320 Skid Loader (leased) (Flood Control)*	Same	High	\$ 19,100	\$ 3,500	\$ 3,800	\$ 3,800	\$ 4,000	\$ 4,000	\$ 19,100
2017	John Deere 6145 Tractor (50% Parks)*	Same	High	\$ 45,800	\$ 8,800	\$ 9,000	\$ 9,000	\$ 9,500	\$ 9,500	\$ 45,800
2017	Dodge Ram 1 Ton w/ Plow and Spreader									\$ -
2018	Dodge 3/4 Ton Pickup (Parks)									\$ -
	Light duty used lift truck		Medium	\$ 20,000	\$ 20,000					\$ 20,000
	TOTAL			\$ 618,400	\$ 123,300	\$ 165,300	\$ 103,800	\$ 121,500	\$ 104,500	\$ 618,400

Priority	Description
High	A project that is so imperative that every effort should be made, including the development of a new funding source, to complete the project as soon as possible.
Medium	A project that should be completed when sufficient funds are available from established funding mechanisms.
Low	A project that would be desirable but would not address any health, safety, or other critical needs.
Notes	

* Leased equipment with equipment to be replaced with new in each year with a lease payment

APPENDIX E. FIRE DEPARTMENT ROLLING STOCK PLAN (FY 2019-2023)

Rolling Stock	Priority	Total Cost	FY19/20 Cost	FY20/21 Cost	FY21/22 Cost	FY22/23 Cost	FY23/24 Cost	Total CIP Cost*
Replace Pumper Truck	Medium	\$ 150,000						\$ -
TOTAL		\$ 150,000	\$ -					

Note:

* The cost of some vehicle purchases are shared with the Galena Rural Fire District.

Priority	Description
High	A project that is so imperative that every effort should be made, including the development of a new funding source, to complete the project as soon as possible.
Medium	A project that should be completed when sufficient funds are available from established funding mechanisms.
Low	A project that would be desirable but would not address any health, safety, or other critical needs.

APPENDIX F. POLICE DEPARTMENT ROLLING STOCK PLAN (FY 2020-2024)

Rolling Stock	Priority	Total Cost	FY19/20 Cost	FY20/21 Cost	FY21/22 Cost	FY22/23 Cost	FY23/24 Cost	Total CIP Cost
Replace oldest squad with new model	High	\$ 35,000	\$ 35,000					\$ 35,000
Replace oldest squad with new model	High	\$ 36,050		\$ 36,050				\$ 36,050
Replace oldest squad with new model	High	\$ 37,130			\$ 37,130			\$ 37,130
Replace oldest squad with new model	High	\$ 38,240				\$ 38,240		\$ 38,240
Replace oldest squad with new model	High	\$ 39,390					\$ 39,390	\$ 39,390
TOTAL		\$ 185,809	\$ 35,000	\$ 36,050	\$ 37,130	\$ 38,240	\$ 39,390	\$ 185,809

Notes:

1. An inflation factor of 3% per year has been applied.
2. All police vehicle costs are General Fund obligations.
3. Starting in FY 09, an estimated \$4,000 per year from court fines would be dedicated to vehicle purchases.

Priority	Description
High	A project that is so imperative that every effort should be made, including the development of a new funding source, to complete the project as soon as possible.
Medium	A project that should be completed when sufficient funds are available from established funding mechanisms.
Low	A project that would be desirable but would not address any health, safety, or other critical needs.

APPENDIX G. WATER AND SEWER DEPARTMENT ROLLING STOCK PLAN (FY 2020-2024)

Current Stock		Replacement Stock								
Year	Rolling Stock	Replace With	Priority	Total Cost	FY 19/20 Cost	FY 20/21 Cost	FY 21/22 Cost	FY 22/23 Cost	FY 23/24 Cost	Total CIP Cost*
1984	GMC spreader truck	Same								\$ -
1996	New Holland LX665 skid steer	Same	Medium	\$ 20,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 20,000
2001	Sniper 747-4000R trailer jet	Same								\$ -
2006	3/4 Ton Dodge Ram	Same								
2007	Chevy 3/4 ton pickup (red)	Same	Medium	\$ 20,000		\$ 20,000				\$ 20,000
2012	Chevy 3/4 ton w/ utility box/plow	3/4 Ton/plow/box	High	\$ 40,000	\$ 40,000					\$ 40,000
2015	Ford 3/4 ton with utility box	Same								\$ -
										\$ -
	TOTAL			\$ 80,000	\$ 44,000	\$ 24,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 80,000

Water Cost (1/2 of TOTAL)	\$ 40,000	\$ 22,000	\$ 12,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 40,000
Sewer Cost (1/2 of TOTAL)	\$ 40,000	\$ 22,000	\$ 12,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 40,000

**APPENDIX H: SWIMMING POOL MAINTENANCE AND IMPROVEMENT PLAN
(FY 2020-2024)**

Project #	Year	Priority	Project	Estimated Cost	Project Start
1	FY 18/19	High	Replace 6 pool drains (current year project)	\$13,000	Pre-Season 2019
				FY 18/19 TOTAL	\$13,000

Project #	Year	Priority	Project	Estimated Cost	Project Start
1	FY 19/20	High	Sand blast and resurface kiddie pool	\$20,000	Pre-Season 2019
2	FY 19/20	High	Sand blast and resurface entire pool vessel	\$60,000	Pre-Season 2019
3	FY 19/20	High	Replace flowmeters	\$10,000	Pre-Season 2019
4	FY 19/20	High	New Becks Chemtroller	\$6,500	Pre-Season 2019
5	FY 19/20	Med	Storage shed for chemicals	\$5,000	Fall 2019
6	FY 19/20	Low	Protection and slide fast surface annually	\$1,000	Pre-Season 2019
				FY 19/20 TOTAL	\$102,500

Project #	Year	Priority	Project	Estimated Cost	Project Start
1	FY 20/21	Medim	Protection and slide fast surface annually	\$1,000	Pre-Season 2020
2	FY 20/21	High	Add enzyme feeder	\$2,000	Pre-Season 2020
3	FY 20/21	High	Chlorinator	\$20,000	Fall 2021
				FY 20/21 TOTAL	\$23,000

Project #	Year	Priority	Project	Estimated Cost	Project Start
1	FY 21/22		Maintenance and updates	\$10,000	
				FY 21/22 TOTAL	\$10,000

Project #	Year	Priority	Project	Estimated Cost	Project Start
1	FY 22/23		Maintenance & updates	\$10,000	
				FY 22/23 TOTAL	\$10,000

Project #	Year	Priority	Project	Estimated Cost	Project Start
1	FY 23/24		Maintenance & updates	\$10,000	
				FY 22/23 TOTAL	\$10,000
				TOTAL 5-YEAR PLAN	\$155,500

FUTURE PROJECTS			Project	Estimated Cost
			New large waterslide	\$120,000

**APPENDIX I: TURNER HALL MAINTENANCE AND IMPROVEMENT PLAN
(FY 2020-2024)**

Project #	Year	Project		Estimated Cost
1	FY 18/19	High	Sprinkler system repair (current year project)	\$30,000
FY 2018-19 TOTAL				\$30,000

Project #	Year	Project		Estimated Cost
1	FY 19/20	High	Curtains	\$40,000
2	FY 19/20	Medium	Tuckpointing projects	\$35,000
FY 2019-20 TOTAL				\$75,000

Project #	Year	Project		Estimated Cost
1	FY 20/21	Medium	Floor care / refinishing	\$2,500
2	FY 20/21	Medium	Tuckpointing projects	\$35,000
FY 2020-21 TOTAL				\$37,500

Project #	Year	Project		Estimated Cost
1	FY 21/22	Medium	Energy efficiency projects / upgrades / emergency repairs	\$15,000
2	FY 21/22	Medium	Tuckpointing projects	\$35,000
FY 2021-22 TOTAL				\$50,000

Project #	Year	Project		Estimated Cost
1	FY 22/23	No projects identified		\$0
FY 2022-23 TOTAL				\$0

Project #	Year	Project		Estimated Cost
1	FY 23/24	Boiler Replacement		\$25,000
FY 2023-24 TOTAL				\$25,000
TOTAL 5-YEAR PLAN				\$187,500

FUTURE PROJECTS		Project	Estimated Cost
		Building addition and remodel with kitchen, bathrooms & storage	\$500,000
		Rooftop HVAC unit replacement estimated 2023-2028	\$100,000