



City of Galena, Illinois

CAPITAL IMPROVEMENT PLAN

Fiscal Years 2021 – 2025

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

Approved
December 23, 2019

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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, 2020 (Fiscal Year 2012-21). 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 2020 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 160 projects and purchases totaling \$8.3 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 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 23, 2019 and approved _____. 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 2021-2025)

PUBLIC WORKS

Project Title:	5-Year Street Improvement Program (See Appendix A)
Department:	Public Works/Engineering
Date Submitted:	December 2019
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 A.
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:	\$2,151,795
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:	\$220,000
Basis of Cost Estimate:	Engineer's estimate
Funding Source:	Revolving Loan Fund Grant from Department of Commerce and Economic Opportunity, General Fund

Project Title:	Street crack sealing and street repairs
Department:	Public Works
Date Submitted:	December 2019
Project Priority:	High
Project Description:	Annual project to fill cracks in street pavement. Also, an allotment for miscellaneous repairs to streets and curb and gutter.
CIP Evaluation Criteria:	Deteriorated Facility, Systematic Replacement
Comprehensive Plan:	No direct reference
Multi-year:	Yes
Coordination:	No.
Cost Estimate:	\$125,000
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:	\$45,000
Basis of Cost Estimate:	Engineer's estimate
Funding Source:	General Fund

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

Project Title: **Repairs to Kohlsaas Bridge deck**
 Department: Public Works
 Date Submitted: December 2018
 Project Priority: High
 Project Description: Complete specialty repairs to the underside of the concrete deck of the bridge. Seal top of deck.
 CIP Evaluation Criteria: Deteriorated Facility, Public Safety, Systematic Replacement
 Comprehensive Plan: No direct reference
 Multi-year: No
 Coordination: No
 Cost Estimate: \$80,000
 Basis of Cost Estimate: Preliminary quote from contractor
 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: \$53,000
 Basis of Cost Estimate: Contract award
 Funding Source: Grant Funding

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 should 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.
 CIP Evaluation Criteria: Deteriorated Facility, Systematic Replacement
 Comprehensive Plan: No direct reference
 Multi-year: No
 Coordination: No
 Cost Estimate: \$60,000
 Basis of Cost Estimate: Engineer's estimate
 Funding Source: Parking Fund

Project Title: **Depot exterior maintenance**
 Department: Public Works
 Date Submitted: December 2019
 Project Priority: High
 Project Description: Painting cupola and fascia, spot tuckpointing on west side, installation of ceilings on porch, painting parking lot lights.
 CIP Evaluation Criteria: Deteriorated Facility, Systematic Replacement
 Comprehensive Plan: No direct reference
 Multi-year: No
 Coordination: Yes. Coordinate light pole painting with painting of US 20 bridge railing
 Cost Estimate: \$12,000
 Basis of Cost Estimate: Preliminary estimate
 Funding Source: General Fund

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

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

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:	\$75,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Motor Fuel Tax

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

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: December 2018
 Project Priority: Medium
 Project Description: Install epoxy floor covering in garages to remedy spalling concrete and protect the in-floor heating system.
 CIP Evaluation Criteria: Deteriorated Facility
 Comprehensive Plan: No direct reference
 Multi-year: No.
 Coordination: Yes. Coordinate with coating floors in the swimming pool building.
 Cost Estimate: \$30,000
 Basis of Cost Estimate: Contractor estimate
 Funding Source: General Fund

Project Title: **Replace Madison Street steps from Third to Fourth Street**
 Department: Public Works
 Date Submitted: December 2017
 Project Priority: Medium
 Project Description: Replace the concrete steps and railings from Third Street to Fourth Street on Madison Street (East Side). 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: \$125,000
 Basis of Cost Estimate: Engineer's estimate
 Funding Source: General Fund, Grant

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 existing conditions assessment, systems strategy, design, and bidding performed by city staff. 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: \$50,000
 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: \$859,300
 Basis of Cost Estimate: Current cost of vehicles plus inflation factor
 Funding Source: General Fund, Water Fund, Sewer Fund, Flood Control

ENGINEERING

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: \$31,800
 Basis of Cost Estimate: Contract cost
 Funding Source: Flood Control Fund

WATER

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, EPA low-interest loan with 60% of principal forgiven

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
 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, EPA low-interest loan with 60% of principal forgiven

Project Title: **West side water system improvements**
 Department: Water
 Date Submitted: December 2018
 Project Priority: High
 Project Description: Removal of the Franklin Street water tower and distribution system upgrades to address both high and low pressure issues on the west side of the river. The project will provide more redundancy and security to the water supply.
 CIP Evaluation Criteria: Systematic Replacement, Health Safety, Equitable Provision of Services
 Comprehensive Plan: No direct reference.
 Multi-year: Yes. Study began in 2018. Project plan development in 2019. Construction in 2022.
 Coordination: No
 Cost Estimate: \$1,300,000
 Basis of Cost Estimate: Consulting engineer's estimate
 Funding Source: Water Fund, EPA low-interest loan with 60% of principal forgiven

Project Title: **Elm Street watermain addition**
 Department: Water
 Date Submitted: December 2019
 Project Priority: High
 Project Description: Installation of water main on Elm Street between Fulton Street and Council Fire Circle. The main will provide a redundant supply to the Indian Ridge Subdivision.
 CIP Evaluation Criteria: Health Safety, Operating Efficiency, New Facility
 Comprehensive Plan: No direct reference.
 Multi-year: No
 Coordination: Yes. Possibly coordinate/include with the West Side water system improvement project.
 Cost Estimate: \$85,000
 Basis of Cost Estimate: Preliminary estimate
 Funding Source: Water Fund, EPA low-interest loan with 60% of principal forgiven

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

Project Title:	Tower, reservoir and standpipe inspection and maintenance
Department:	Water
Date Submitted:	December 2019
Project Priority:	High
Project Description:	Inspection of interior of Horseshoe mound reservoir and interior and exterior of Dodge Street stand pipe. Repair as needed. Recoat Dodge Street stand pipe. Clean exterior of Industrial Park tower. Schedule all water storage facilities for regular inspection thereafter.
CIP Evaluation Criteria:	Deteriorated Facility, Health Safety, Operating Efficiency
Comprehensive Plan:	No direct reference.
Multi-year:	Yes. Standpipe recoating would likely occur the year after the inspection.
Coordination:	No
Cost Estimate:	\$115,000
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:	\$30,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Water Fund

Project Title:	Well #6 Upgrade
Department:	Water
Date Submitted:	December 2019
Project Priority:	High
Project Description:	Inspect well. Lower the pump in Well #6 and replace the current shaft driven pump with a submersible pump as used in our other wells. Replace old well house with new well house.
CIP Evaluation Criteria:	Health Safety, Operating Efficiency, Resource Conservation, New Expanded Facility
Comprehensive Plan:	No direct reference.
Multi-year:	Yes. Inspection, design then construction.
Coordination:	No
Cost Estimate:	\$340,000
Basis of Cost Estimate:	Preliminary estimate from supplier
Funding Source:	Water Fund, possibly a low-interest forgivable loan from the Illinois EPA

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:	\$128,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Street Sales Tax

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

Project Title:	High Street watermain replacement
Department:	Water
Date Submitted:	December 2019
Project Priority:	High
Project Description:	Replacement of old watermain in High Street between Gear Street and South Street. Construction should be undertaken before the planned paving of the street in 2024.
CIP Evaluation Criteria:	Deteriorated Facility, Health Safety, Systematic Replacement, Operating Efficiency, Resource Conservation
Comprehensive Plan:	No direct reference.
Multi-year:	No
Coordination:	Yes. Coordinate with street paving.
Cost Estimate:	\$50,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Water Fund or possibility the Street Sales Tax

Project Title:	Dodge Street watermain replacement
Department:	Water
Date Submitted:	December 2019
Project Priority:	High
Project Description:	Replacement of old watermain in Dodge Street between Gear Street and South Street. Construction should be undertaken before the planned paving of the street in 2024.
CIP Evaluation Criteria:	Deteriorated Facility, Health Safety, Systematic Replacement, Operating Efficiency, Resource Conservation
Comprehensive Plan:	No direct reference.
Multi-year:	No
Coordination:	Yes. Coordinate with street paving.
Cost Estimate:	\$50,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Water Fund or possibility the Street Sales Tax

Project Title:	Wann Street watermain replacement
Department:	Water
Date Submitted:	December 2019
Project Priority:	High
Project Description:	Replacement of old watermain in Wann Street from Field Street to the north end.
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:	\$120,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Water Fund or possibility the Street Sales Tax

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:	Well #5 and #7 Inspection and repair
Department:	Water
Date Submitted:	December 2019
Project Priority:	Low
Project Description:	Inspect wells on a regular basis to identify preventative maintenance measures. Include Well #6 after upgrade completed.
CIP Evaluation Criteria:	Health Safety, Operating Efficiency, Resource Conservation
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$20,000
Basis of Cost Estimate:	Estimate from contractor
Funding Source:	Water Fund

Project Title:	Water and Sewer Rolling Stock Plan (See Appendix G)
Department:	Water and Sewer
Date Submitted:	December 2019
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:	\$165,300
Basis of Cost Estimate:	Current cost plus inflation factor
Funding Source:	Water and Sewer Funds

SEWER

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 and south toward Grant Park.
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:	\$38,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Sewer Fund

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

Project Title:	Replace heating system at treatment plant administration building
Department:	Sewer
Date Submitted:	December 2019
Project Priority:	High
Project Description:	Replace the original 2001 furnace in the administration building at the wastewater treatment plant with a more efficient model. The furnace is at the end of its life.
CIP Evaluation Criteria:	Operating Efficiency, Systematic Replacement
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$10,000
Basis of Cost Estimate:	Contractor estimate
Funding Source:	Sewer Fund

Project Title:	Replace air nozzles in treatment plant digestors
Department:	Sewer
Date Submitted:	December 2019
Project Priority:	High
Project Description:	Replace the original air nozzles from 2001 in the digesters at the wastewater treatment plant. The nozzles introduce oxygenated bubbles into the final liquid stage of the sewerage treatment process.
CIP Evaluation Criteria:	Public Health and Safety, Operating Efficiency, Systematic Replacement
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$60,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Sewer Fund

Project Title:	Polymer addition replacement at treatment plant
Department:	Sewer
Date Submitted:	December 2019
Project Priority:	High
Project Description:	Replace the mechanism that feeds polymer into the belt filter press where the sewerage is dewatered for land application as sludge. The polymer feed is original equipment at the 2001 wastewater treatment plant.
CIP Evaluation Criteria:	Public Health and Safety, Operating Efficiency, Systematic Replacement
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$25,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Sewer Fund

Project Title:	South Street sewer main replacement
Department:	Sewer
Date Submitted:	December 2019
Project Priority:	High
Project Description:	Replace sewer main between West Street and Bench Street.
CIP Evaluation Criteria:	Public Health and Safety, Operating Efficiency, Systematic Replacement
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	Yes. Coordinate with water main replacement and resurfacing of South Street in 2024.
Cost Estimate:	\$50,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Sewer Fund

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

Project Title:	Phosphorus removal study
Department:	Sewer
Date Submitted:	December 2019
Project Priority:	Medium
Project Description:	Conduct professional study to examine options for phosphorus removal at the wastewater treatment plant. Monitor EPA rule making to assess possible changes in requirements for phosphorus removal.
CIP Evaluation Criteria:	Public Health and Safety, Operating Efficiency, Systematic Replacement
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$10,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Sewer Fund

Project Title:	Industrial Park lift station generator
Department:	Sewer
Date Submitted:	December 2019
Project Priority:	Medium
Project Description:	Install permanent generator for back-up power at the Industrial Park lift station. This is the only west-end lift station without back-up
CIP Evaluation Criteria:	Public Health and Safety, Operating Efficiency, 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:	Sewer Fund

Project Title:	Inflow and infiltration study
Department:	Sewer
Date Submitted:	January 2010
Project Priority:	Medium
Project Description:	Professional study to determine points of inflow and infiltration of water into the sewer system. Reducing inflow and infiltration can
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:	Medium
Project Description:	Replace or reline sewer main in the Hughlett Creek valley below Dewey Avenue and near the pumping station at the old treatment plant
CIP Evaluation Criteria:	Systematic Replacement, Operating Efficiency, 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:	Influent pump replacement at treatment plant
Department:	Sewer Fund
Project Priority:	December 2019
Project Description:	Medium
CIP Evaluation Criteria:	Replace two main influent pumps that move sewerage from the conveyance system into the treatment plant. The pumps are original from 2001. Explore the possibility of replacing one pump and the other at a later date. The estimated project cost is for two pumps.
Comprehensive Plan:	Systematic Replacement, Operating Efficiency
Multi-year:	No direct reference
Coordination:	Yes
Cost Estimate:	No
Basis of Cost Estimate:	\$100,000
Funding Source:	Preliminary estimate
	Sewer Fund

Project Title:	Lift station pump replacement Meeker Street lift station
Department:	Sewer Fund
Project Priority:	December 2019
Project Description:	Medium
CIP Evaluation Criteria:	There are three pumps at the Meeker Street lift station at the old treatment plant site. One pump was replaced in 2019. The two other pumps will likely need to be replaced in the near future. The estimated cost is for two pumps.
Comprehensive Plan:	Systematic Replacement, Operating Efficiency
Multi-year:	No direct reference
Coordination:	No
Cost Estimate:	No
Basis of Cost Estimate:	\$50,000
Funding Source:	Similar project
	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
Comprehensive Plan:	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."
Multi-year:	No
Coordination:	No
Cost Estimate:	\$220,000
Basis of Cost Estimate:	Similar projects
Funding Source:	Sewer Fund

PUBLIC SAFETY

Project Title:	Police Department electrical system upgrade
Department:	Police
Date Submitted:	December 2019
Project Priority:	High
Project Description:	Upgrade electric system on the lower level of the building to bring the system up to the current code. The lower level electric was not included in the 2015 building remodel.
CIP Evaluation Criteria:	Deteriorated Facility, Systematic Replacement, Operating Efficiency
Comprehensive Plan:	No direct reference.
Multi-year:	No
Coordination:	No
Cost Estimate:	\$15,000
Basis of Cost Estimate:	Contractor estimate
Funding Source:	General Fund

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

Project Title:	Police Department storm windows
Department:	Police
Date Submitted:	December 2018
Project Priority:	Medium
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, Resource Conservation
Comprehensive Plan:	No direct reference.
Multi-year:	No
Coordination:	No
Cost Estimate:	\$16,000
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
Comprehensive Plan:	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."
Multi-year:	No
Coordination:	No
Cost Estimate:	\$132,650
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:	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) 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

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

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:	Completion of the Grant Park restoration plan. Includes tree planting, pedestrian bridge access improvements, directional/interpretive signs and repair of the gazebo.
CIP Evaluation Criteria:	Health Safety, Deteriorated Facility, Systematic Replacement
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$20,000
Basis of Cost Estimate:	Preliminary estimate
Funding Source:	Park Fund

Project Title:	Skatepark ramp painting
Department:	Parks
Date Submitted:	December 2019
Project Priority:	High
Project Description:	Priming and painting of ramp surfaces with manufacturer recommended paint. Ramps have not been painted since installed in 2003.
CIP Evaluation Criteria:	Health Safety, Deteriorated Facility, Systematic Replacement
Comprehensive Plan:	No direct reference
Multi-year:	No
Coordination:	No
Cost Estimate:	\$25,000
Basis of Cost Estimate:	Contractor quote
Funding Source:	Parks Fund

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

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: \$127,500
 Basis of Cost Estimate: Contract amount
 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: \$25,000
 Basis of Cost Estimate: Cost of similar projects
 Funding Source: Grant from the Galena Kiwanis

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 2019
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:	\$261,500
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 2019
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
Coordination:	No
Cost Estimate:	\$319,500
Basis of Cost Estimate:	Quotes and estimates
Funding Source:	Turner Hall Fund, General Fund, grants

ATTACHMENT B. EVALUATION OF PROJECTS USING CRITERIA (FY 2021-2025)

Dept.	Project Description	Criterion							
		Health/Safety Risk	Systematic Replacement	Deteriorated Facility	Equitable Provision	Operating Efficiency	Coordination	New/Expanded Facility	Resource Conservation
DPW	5-Year Street Improvement Program (See Appendix A)		X	X	X	X	X		
DPW	Downtown sidewalk and crosswalk replacement	X	X	X					
DPW	Street crack sealing and street repairs		X	X					
DPW	Replace approach structure on Meeker St pedestrian bridge	X	X	X					
DPW	Repairs to Kohlsaar Bridge deck	X	X	X					
DPW	Additional parking at Recreation Park							X	
DPW	Commerce Street parking lot design and reconstruction		X	X					
DPW	Depot exterior maintenance		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	Replace Madison Street steps from Third to Fourth Street	X	X	X					
DPW	Wayfinding signage project	X	X	X					
DPW	Public Works Rolling Stock Plan		X	X		X			
Engineering/Administration									
ENG	Battery storage for City Hall solar					X		X	X
Flood Control									
FLD	Flood Control Rolling Stock Plan		X	X		X			
Water									
WAT	East Side Water System DSI-Park Ave water main	X	X		X				
WAT	East Side Water System DS2-Highway 20 water main	X	X		X				
WAT	West side water system improvements	X	X		X				
WAT	Elm Street watermain addition	X				X		X	
WAT	Tower, reservoir and standpipe inspection and maintenance	X		X		X			
WAT	Hydrant and valve replacement	X	X	X		X			X
WAT	Well #6 Upgrade	X				X		X	X
WAT	South Street watermain replacement	X	X	X		X			X
WAT	High Street watermain replacement	X	X	X		X			X
WAT	Dodge Street watermain replacement	X	X	X		X			X
WAT	Wann Street watermain replacement	X	X	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	Well #5 and #7 Inspection and repair	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	East side sewer crossing repair								
SEW	Replace heating system at treatment plant administration building	X	X	X		X			
SEW	Replace air nozzles in treatment plant digestors		X			X			
SEW	Polymer addition replacement at treatment plant	X	X			X			
SEW	South Street sewer main replacement	X	X			X			
SEW	Phosphorus removal study	X	X			X			
SEW	Industrial Park lift station generator	X				X		X	
SEW	Inflow and infiltration study					X			X
SEW	Hughlett Creek sewer main replacement/relining		X			X		X	
SEW	Influent pump replacement at treatment plant		X			X			
SEW	Lift station pump replacement Meeker Street lift station		X			X			
SEW	Madison and Fifth Street sewer main extension	X			X			X	
SEW	Sewer Rolling Stock Plan		X	X		X			
Public Safety									
POL	Police Department electrical system upgrade	X	X	X					
POL	Police Department storm windows					X			X
POL	Police Rolling Stock Plan		X	X		X			
Fire									
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	Skatepark ramp painting	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 2021-2025)

Dept.	Project Description	Estimated Cost	Grant Funding?	Priority			FY 20/21 Cost	FY 21/22 Cost	FY 22/23 Cost	FY 23/24 Cost	FY 24/25 Cost	Total CIP Cost
				High	Medium	Low						
Public Works												
DPW	5-Year Street Improvement Program (See Appendix A)	\$ 2,151,795		X			\$ 372,550	\$ 533,345	\$ 418,500	\$ 400,700	\$ 426,700	\$ 2,151,795
DPW	Downtown sidewalk and crosswalk replacement	\$ 220,000	X	X			\$ 120,000		\$ 50,000		\$ 50,000	\$ 220,000
DPW	Street crack sealing and street repairs	\$ 125,000		X			\$ 25,000	\$ 25,000	\$ 25,000	25000	25000	\$ 125,000
DPW	Replace approach structure on Meeker St pedestrian bridge	\$ 45,000		X				\$ 45,000				\$ 45,000
DPW	Repairs to Kohlsaar Bridge deck	\$ 80,000		X			\$ 80,000					\$ 80,000
DPW	Additional parking at Recreation Park	\$ 53,000	X	X			\$ 53,000					\$ 53,000
DPW	Commerce Street parking lot design and reconstruction	\$ 60,000		X			\$ 60,000					\$ 60,000
DPW	Depot exterior maintenance	\$ 12,000			X		\$ 12,000					\$ 12,000
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	\$ 75,000	X		X			\$ 75,000				\$ 75,000
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	\$ 30,000			X		\$ 30,000					\$ 30,000
DPW	Replace Madison Street steps from Third to Fourth Street	\$ 125,000			X							
DPW	Wayfinding signage project	\$ 50,000			X			\$ 50,000				\$ 50,000
DPW	Public Works Rolling Stock Plan	\$ 859,300			X		\$ 186,300	\$ 184,750	\$ 254,000	\$ 117,500	\$ 116,750	\$ 859,300
	TOTAL	\$ 4,038,095					\$ 970,850	\$ 923,095	\$ 807,500	\$ 583,200	\$ 628,450	\$ 3,913,095
Engineering/Administration												
ENG	Battery storage for City Hall solar	\$ 10,000	X				\$ 10,000					\$ 10,000
	TOTAL	\$ 10,000					\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000
Flood Control												
FLD	Flood Control Rolling Stock Plan	\$ 31,800		X			\$ 31,800	\$ 9,550	\$ 4,000	\$ 9,750	\$ 4,000	\$ 59,100
	TOTAL	\$ 31,800					\$ 31,800	\$ 9,550	\$ 4,000	\$ 9,750	\$ 4,000	\$ 59,100
Water												
WAT	East Side Water System DSI-Park Ave water main	\$ 1,400,000	X	X			\$ 1,700,000					\$ 1,700,000
WAT	East Side Water System DS2-Highway 20 water main	\$ 200,000	X	X			\$ 200,000					\$ 200,000
WAT	West side water system improvements	\$ 1,300,000	X	X			\$ 50,000	\$ 50,000	\$ 1,200,000			\$ 1,300,000
WAT	Elm Street watermain addition	\$ 85,000		X					\$ 85,000			\$ 85,000
WAT	Tower, reservoir and standpipe inspection and maintenance	\$ 115,000		X			\$ 25,000	\$ 90,000				\$ 115,000
WAT	Hydrant and valve replacement	\$ 30,000		X				\$ 15,000		\$ 15,000		\$ 30,000
WAT	Well #6 Upgrade	\$ 340,000	X	X				\$ 40,000	\$ 300,000			\$ 340,000
WAT	South Street watermain replacement	\$ 128,000			X					\$ 128,000		\$ 128,000
WAT	High Street watermain replacement	\$ 50,000			X					\$ 50,000		\$ 50,000
WAT	Dodge Street watermain replacement	\$ 50,000			X					\$ 50,000		\$ 50,000
WAT	Wann Street watermain replacement	\$ 120,000			X						\$ 120,000	\$ 120,000
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			X						\$ -
WAT	Well #5 and #7 Inspection and repair	\$ 20,000				X				\$ 20,000		\$ 20,000
WAT	Water Rolling Stock Plan	\$ 82,650				X	\$ 1,900	\$ 37,000	\$ 52,000	\$ 54,500	\$ 27,250	\$ 172,650
	TOTAL	\$ 4,155,650					\$ 76,900	\$ 232,000	\$ 1,637,000	\$ 317,500	\$ 147,250	\$ 2,410,650

Dept.	Project Description	Estimated Cost		Priority			FY 20/21 Cost	FY 21/22 Cost	FY 22/23 Cost	FY 23/24 Cost	FY 24/25 Cost	Total CIP Cost
				High	Medium	Low						
Sewer												
SEW	East side sewer crossing repair	\$ 38,000		X			\$ 38,000					\$ 38,000
SEW	Replace heating system at treatment plant administration building	\$ 10,000		X			\$ 10,000					\$ 10,000
SEW	Replace air nozzles in treatment plant digestors	\$ 60,000		X			\$ 60,000					\$ 60,000
SEW	Polymer addition replacement at treatment plant	\$ 25,000		X			\$ 25,000					\$ 25,000
SEW	South Street sewer main replacement	\$ 50,000		X					\$ 50,000			\$ 50,000
SEW	Phosphorus removal study	\$ 10,000			X			\$ 10,000				\$ 10,000
SEW	Industrial Park lift station generator	\$ 50,000			X				\$ 50,000			\$ 10,000
SEW	Inflow and infiltration study	\$ 10,000			X							\$ -
SEW	Hughlett Creek sewer main replacement/relining	\$ 130,000			X							\$ -
SEW	Influent pump replacement at treatment plant	\$ 100,000			X				\$ 50,000			\$ 50,000
SEW	Lift station pump replacement Meeker Street lift station	\$ 50,000			X			\$ 25,000				\$ 25,000
SEW	Madison and Fifth Street sewer main extension	\$ 220,000				X				\$ 220,000		\$ 220,000
SEW	Sewer Rolling Stock Plan	\$ 82,650			X		\$ 1,900	\$ 37,000	\$ 52,000	\$ 54,500	\$ 27,250	\$ 145,400
	TOTAL	\$ 835,650					\$ 134,900	\$ 72,000	\$ 152,000	\$ 324,500	\$ 27,250	\$ 710,650
Public Safety												
POL	Police Department electrical system upgrade	\$ 15,000		X			\$ 15,000					\$ 15,000
POL	Police Department storm windows	\$ 16,000			X				\$ 16,000			\$ 16,000
POL	Police Rolling Stock Plan	\$ 132,650		X			\$ 25,000	\$ 25,750	\$ 26,500	\$ 27,300	\$ 28,100	\$ 132,650
	TOTAL	\$ 163,650					\$ 40,000	\$ 25,750	\$ 42,500	\$ 27,300	\$ 28,100	\$ 163,650
Fire												
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	\$ 1,410,000					\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Culture and Recreation												
PAR	Grant Park Restoration	\$ 20,000	X	X			\$ 20,000					\$ 20,000
PAR	Skatepark ramp painting	\$ 25,000		X			\$ 25,000					\$ 25,000
PAR	Canoe and kayak launch	\$ 127,500	X	X			\$ 127,500					\$ 127,500
PAR	Ridge Street park playground replacement	\$ 25,000	X		X			\$ 25,000				\$ 25,000
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	\$ 261,500		X	X	X	\$ 121,500	\$ 45,000	\$ 45,000	\$ 25,000	\$ 25,000	\$ 261,500
	TOTAL	\$ 579,000					\$ 294,000	\$ 70,000	\$ 125,000	\$ 65,000	\$ 25,000	\$ 579,000
TH												
TH	Turner Hall maintenance and improvements	\$ 319,500	X	X	X	X	\$ 74,500	\$ 75,000	\$ 100,000	\$ 25,000	\$ 45,000	\$ 319,500
	TOTAL	\$ 319,500					\$ 74,500	\$ 75,000	\$ 100,000	\$ 25,000	\$ 45,000	\$ 319,500
	TOTAL	\$ 11,511,545					\$ 1,751,150	\$ 1,397,845	\$ 2,864,000	\$ 1,342,500	\$ 901,050	\$ 8,315,645

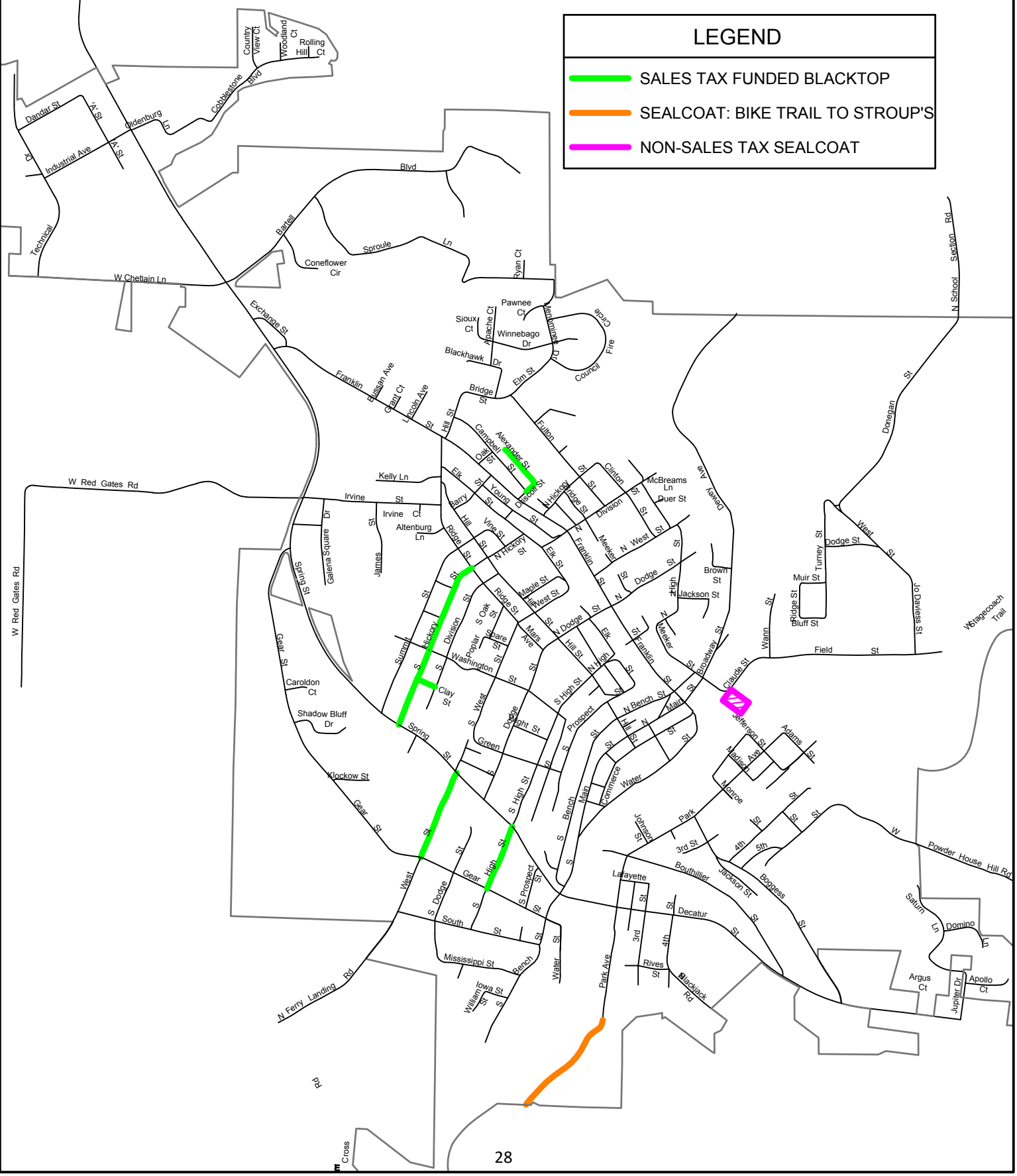
APPENDIX A: 5-YEAR STREET IMPROVEMENT PROGRAM (FY 2021-2025)

Street	Location	FY 20/21 Cost	FY 21/22 Cost	FY 22/23 Cost	FY 23/24 Cost	FY 24/25 Cost
FY 20/21 (Year 1)						
Sales Tax Projects-Blacktop Overlay						
West Street	Highway 20 to Gear Street	\$ 132,600				
Hickory Street	Highway 20 to Hill Street	\$ 108,400				
Clay Street	Hickory Street to Division Street	\$ 7,300				
Alexander Street and Driscoll Street	Complete Streets	\$ 48,900				
High Street	Highway 20 to Gear Street	\$ 38,200				
Green Street	High Street to Dodge Street (joint replacement)	\$ 6,000				
Prospect Street	Hill Street to Green Street (joint replacement)	\$ 10,000				
	Blacktop Total	\$ 351,400				
Sales Tax Projects-Sealcoat						
Park Avenue	Belvedere Mansion to End	\$ 15,000				
	Seal Coat Total	\$ 15,000				
Sales Tax Projects-Alley Resurfacing						
No alley resurfacing planned						
	Alley Total	\$ -				
	Sales Tax Projects Total	\$ 366,400				
Non-Sales Tax-Sealcoat						
Parks Department parking lot	Old wastewater plant	\$ 6,150				
	Other Projects Total	\$ 6,150				
	TOTAL FY 20/21	\$ 372,550				
FY 21/22 (Year 2)						
Sales Tax Projects-Blacktop Overlay						
Hill Street	High Street to Prospect Street		\$ 18,700			
Elk Street	High Street to North End (including High Street to Newer Pavement)		\$ 18,500			
West Street	Ridge Street to Green Street (and Green Street to Dodge Street)		\$ 101,400			
Timp Subdivision Phase 1	Jupiter Court, Apollo Court, Argus Court, Saturn Lane, Domino Lane		\$ 182,800			
Fourth Street	Bogges Street to End		\$ 53,200			
Madison Street	Fourth Street to End		\$ 6,600			
Monroe Street	Fourth Street to Fifth Street		\$ 15,000			
	Blacktop Total		\$ 396,200			
Sales Tax Projects-Alley Resurfacing						
South of Hill Street	Between High Street and Prospect Street (South of Hill Street)		\$ 5,000			
	Alley Total		\$ 5,000			
Sales Tax Projects-Sealcoat						
No sealcoat projects planned						
	Sealcoat Total		\$ -			
Other Blacktop Projects (Non-Sales Tax)						
Industrial Drive	US Highway 20 to Technical Drive		\$ 53,345			
Technical Drive	Chetlain Lane to Industrial Drive		\$ 78,800			
	Other Projects Total		\$ 132,145			
	TOTAL FY 21/22		\$ 533,345			
FY 22/23 (Year 3)						
Sales Tax Projects-Blacktop Overlay						
Hill Street	Bridge Street to Elm Street			\$ 145,000		
High Street	Highway 20 to Hill Street			\$ 120,700		
Division Street	Hill Street to End			\$ 54,100		
Washington Street	Summit Street to High Street			\$ 98,700		
	Blacktop Total			\$ 418,500		
Sales Tax Projects-Alley Resurfacing						
No alley resurfacing planned						
	Alley Total			\$ -		
Sales Tax Projects-Sealcoat						
No sealcoat projects planned						
	Sealcoat Total			\$ -		
	Sales Tax Projects Total			\$ 418,500		
	TOTAL FY 22/23			\$ 418,500		
FY 23/24 (Year 4)						
Sales Tax Projects-Blacktop Overlay						
Fulton Street	Elm Street to Division Street				\$ 85,900	
High Street	South Street to Gear Street				\$ 21,500	
Dodge Street	South Street to Gear Street				\$ 22,800	
South Street	Prospect Street Cul-de-sac				\$ 4,500	
South Street	West Street to Bench Street				\$ 98,000	
South Street	Watermain Replacement				\$ 128,000	
South Street	Sewer Main Replacement				\$ 40,000	
	Blacktop Total				\$ 400,700	
Sales Tax Projects-Alley Resurfacing						
No alley resurfacing planned						
	Alley Total				\$ -	
Sealcoat						
No sealcoating planned						
	Sealcoat Total				\$ -	
	Sales Tax Projects Total				\$ 400,700	
Other Blacktop Projects (Non-Sales Tax)						
	Other Projects Total				\$ -	
	TOTAL FY 23/24				\$ 400,700	
FY 24/25 (Year 5)						
Sales Tax Projects-Blacktop Overlay						
Fifth Street						\$ 55,800
Power House Hill Road	Highway 20 to Bogges Street (Including Fifth Street)					\$ 213,800
Summit Street	Highway 20 to Ridge Street					\$ 98,300
Campbell Street	Hill Street to Driscoll Street					\$ 58,800
	Blacktop Total					\$ 426,700
Alley Resurfacing						
No alley resurfacing planned						
	Alley Total					\$ -
Sealcoat						
No sealcoating planned						
	Sealcoat Total					\$ -
	Sales Tax Projects Total					\$ 426,700
	TOTAL FY 24/25					\$ 426,700
TOTAL CIP COST						\$ 2,151,795

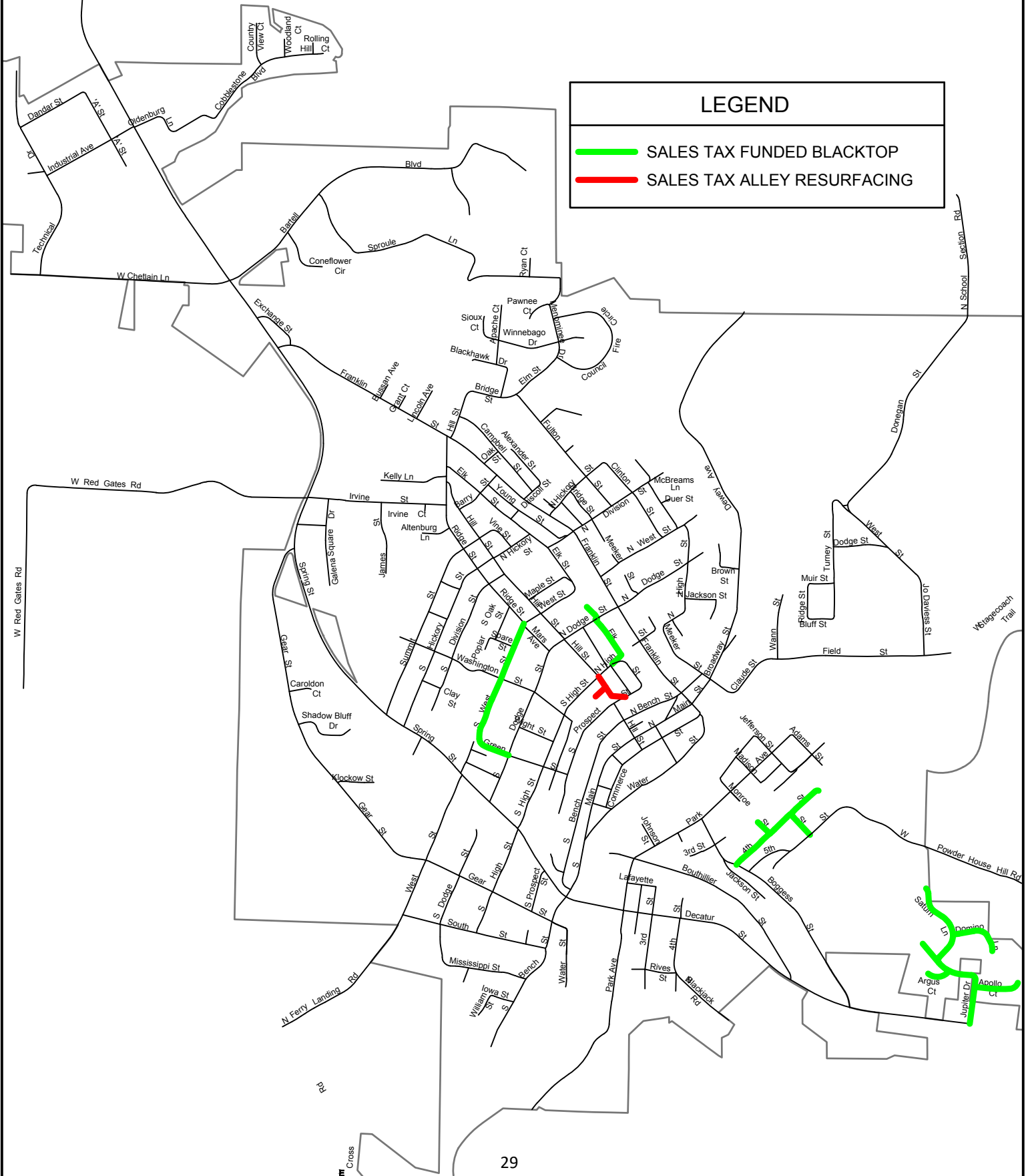
APPENDIX A1

CITY OF GALENA - 5 YR. STREET IMPROVEMENT PROGRAM FY 2020-2021

LEGEND	
	SALES TAX FUNDED BLACKTOP
	SEALCOAT: BIKE TRAIL TO STROUP'S
	NON-SALES TAX SEALCOAT

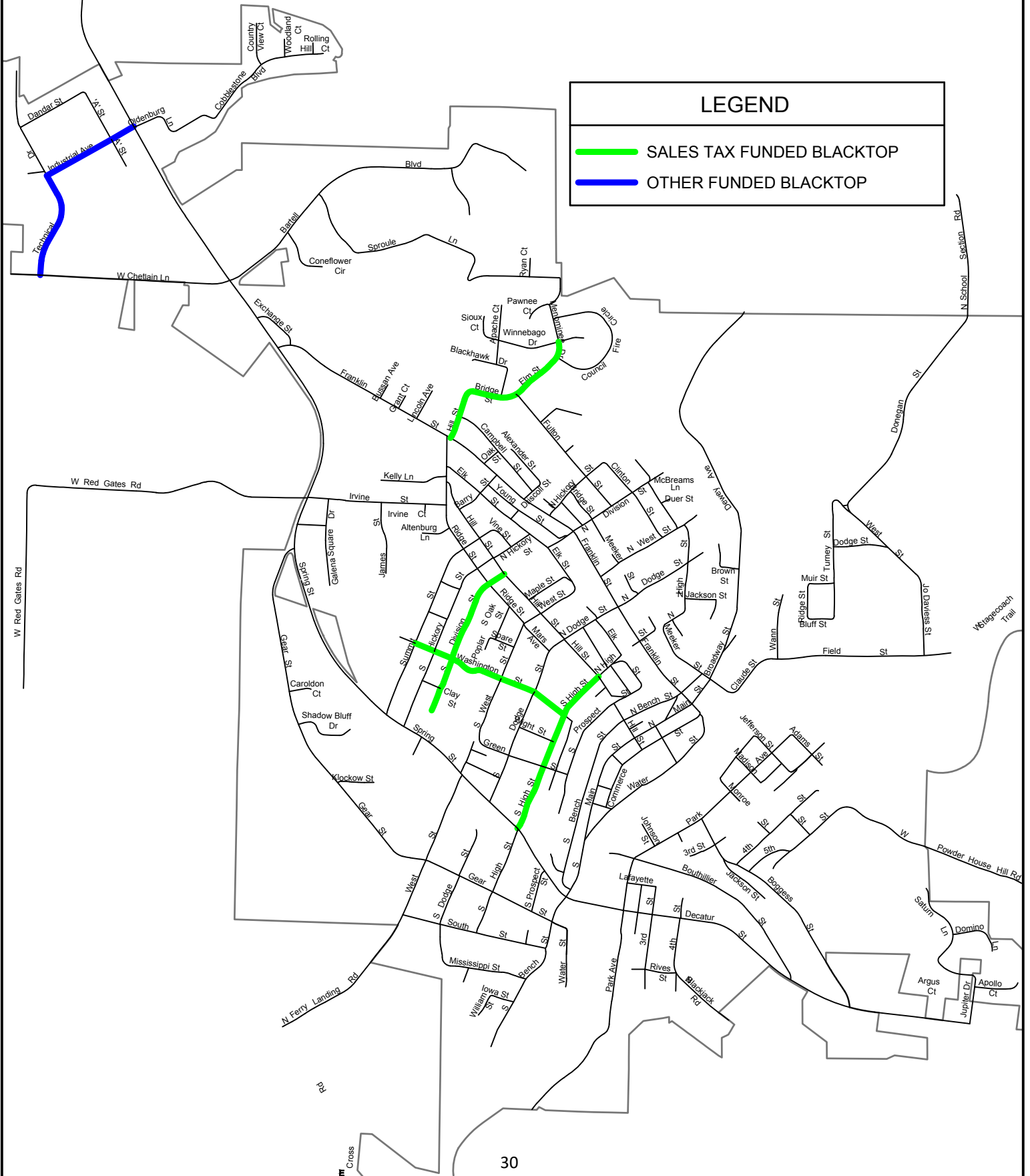


APPENDIX A1 CITY OF GALENA - 5 YR. STREET IMPROVEMENT PROGRAM FY 2021-2022

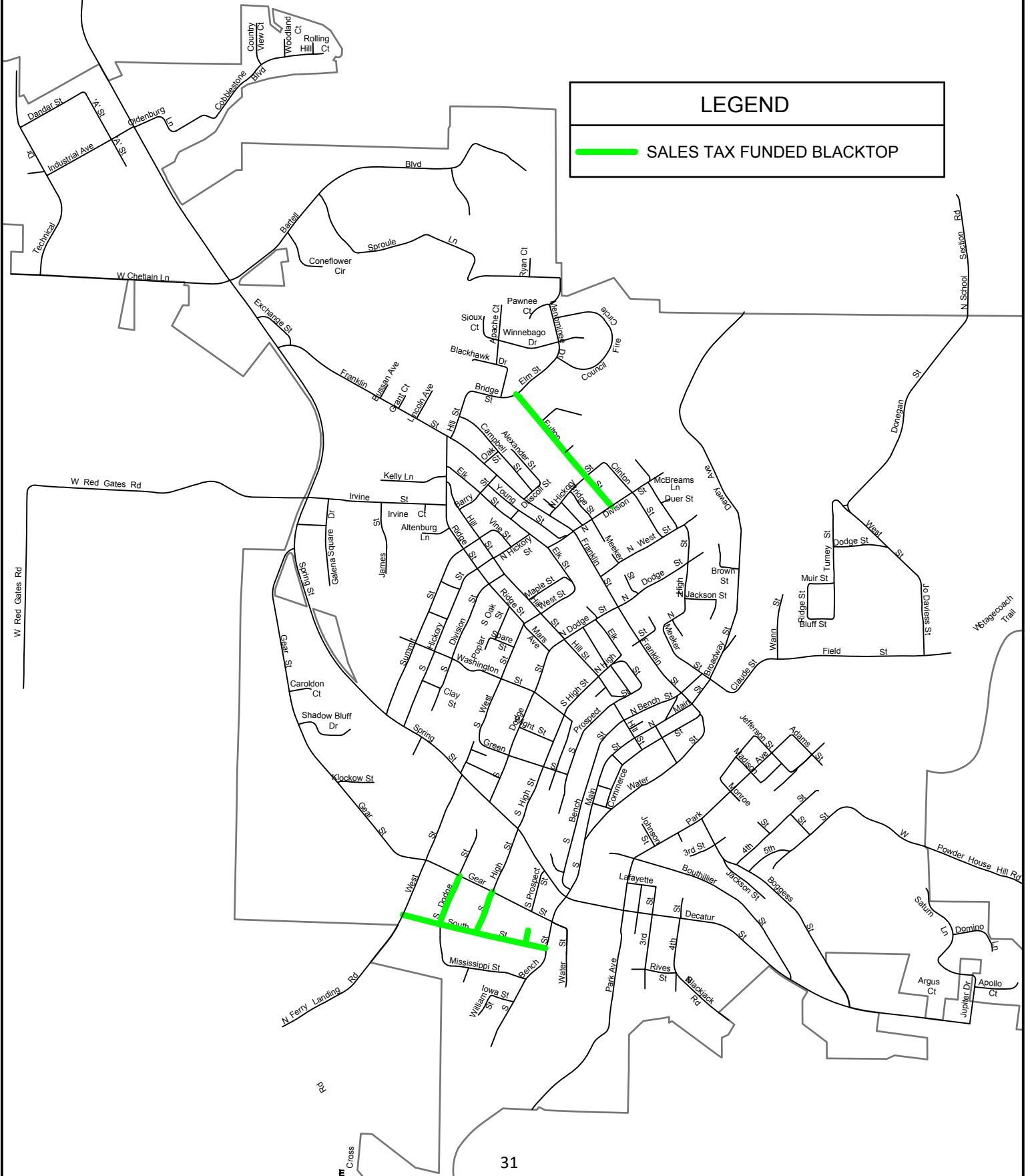


APPENDIX A1

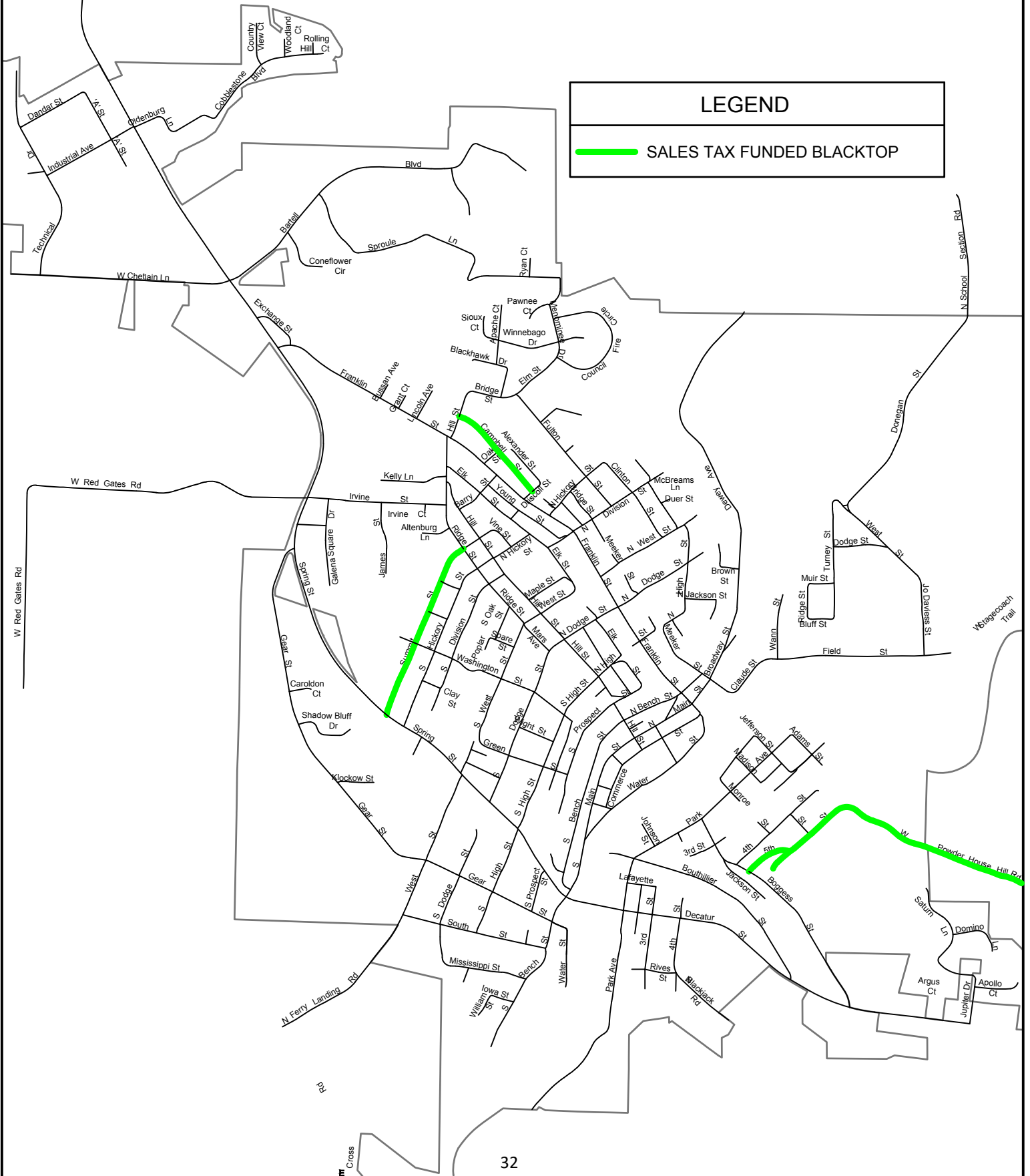
CITY OF GALENA - 5 YR. STREET IMPROVEMENT PROGRAM FY 2022-2023



APPENDIX A1 CITY OF GALENA - 5 YR. STREET IMPROVEMENT PROGRAM FY 2023-2024



APPENDIX A1 CITY OF GALENA - 5 YR. STREET IMPROVEMENT PROGRAM FY 2024-2025



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" Asphalt Overlay	3,900	\$ 5,000	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						\$ 170,150		

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, 4th, Meeker, Harrison, N. High, Jackson, Gear	
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				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	\$ 325,567	\$ 4,629,059
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	\$ 325,567	\$ 5,153,107

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. Gear Street costs were for sidewalk and curb and gutter on section across from Illinois Bank and Trust.
4. ERP = Emergency Street Repair Program grant from the Illinois Department of Transportation

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

On February 8, 2008, Galena voters approved a referendum to increase the local sales tax one-half percent (0.5%) for streets and related infrastructure improvements. The sales tax became effective July 1, 2008 and generates approximately \$430,000 per year. The sales tax revenues are segregated and managed in a separate fund (Fund 41). The following table shows the year-end fund balance by fiscal year.

Fiscal Year	Actual Year-End Fund Balance*
2008-09	\$190,949
2009-10	\$268,873
2010-11	\$454,405
2011-12	\$481,677
2012-13	\$843,873
1013-14	\$229,568
2014-15	\$254,534
2015-16	\$268,844
2016-17	\$115,564
2017-18	\$65,355
2018-19	\$77,964

Fiscal Year	Projected Year-End Fund Balance
2019-20	\$28,153
2020-21	\$23,056
2021-22	\$24,526
2022-23	\$9,476
2023-24	\$43,006
2024-25	\$52,507

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 2021-2025)

Current Stock		Replacement Stock								
Year	Rolling Stock	Replace With	Priority	Total Cost	FY 20/21 Cost	FY 21/22 Cost	FY 22/23 Cost	FY 23/24 Cost	FY 24/25 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	\$ 130,000	\$ 130,000					\$ 130,000
2008	Tymco Street Sweeper	Same	Medium	\$ 160,000		\$ 160,000				\$ 160,000
2011	International 10 Ton Dump w/ Plow/Spreader	Same	Medium	\$ 135,000			\$ 135,000			\$ 135,000
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	\$ 90,000				\$ 90,000		\$ 90,000
2015	285 John Deere Z-Turn Mower	Same	Medium	\$ 23,500		\$ 11,500			\$ 12,000	\$ 23,500
2015	Articulating Boom Mower			\$ -						\$ -
2016	3/4 Ton Dodge Pickup w/ Plow			\$ 90,000					\$ 90,000	\$ 90,000
2018	John Deere 524 End loader w/ Backhoe (50% Flood Control)*	Same	High	\$ 23,000	\$ 11,500		\$ 11,500			\$ 23,000
2016	Brush grapple bucket			\$ -						\$ -
2016	Bat wing mower attachment for tractor			\$ -						\$ -
2017	758 John Deere Mower	Same	High	\$ 25,500	\$ 12,000			\$ 13,500		\$ 25,500
2017	John Deere 320 Skid Loader (leased) (Flood Control)*	Same	High	\$ 20,300	\$ 3,800	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,500	\$ 20,300
2017	John Deere 6145 Tractor (50% Parks)*	Same	High	\$ 48,500	\$ 9,000	\$ 9,250	\$ 10,000	\$ 10,000	\$ 10,250	\$ 48,500
2017	Dodge Ram 1 Ton w/ Plow and Spreader									\$ -
2018	Dodge 3/4 Ton Pickup (Parks)									\$ -
2019	Ford 1 Ton Truck w/ Plow/Spreader/Dump									\$ -
2019	758 John Deere Mower with broom	Same	Low	\$ 13,500			\$ 13,500			\$ 13,500
	Light duty used lift truck (new item)		Medium	\$ 20,000	\$ 20,000					\$ 20,000
	TOTAL			\$ 859,300	\$ 186,300	\$ 184,750	\$ 254,000	\$ 117,500	\$ 116,750	\$ 859,300

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 2021-2025)

Rolling Stock	Priority	Total Cost	FY20/21 Cost	FY21/22 Cost	FY22/23 Cost	FY23/24 Cost	FY24/25 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 2021-2025)

Rolling Stock	Priority	Total Cost	FY20/21 Cost	FY21/22 Cost	FY22/23 Cost	FY23/24 Cost	FY24/25 Cost	Total CIP Cost
Replace oldest squad with new model	High	\$ 25,000	\$ 25,000					\$ 25,000
Replace oldest squad with new model	High	\$ 25,750		\$ 25,750				\$ 25,750
Replace oldest squad with new model	High	\$ 26,500			\$ 26,500			\$ 26,500
Replace oldest squad with new model	High	\$ 27,300				\$ 27,300		\$ 27,300
Replace oldest squad with new model	High	\$ 28,100					\$ 28,100	\$ 28,100
TOTAL		\$ 132,650	\$ 25,000	\$ 25,750	\$ 26,500	\$ 27,300	\$ 28,100	\$ 132,650

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 2021-2025)

Current Stock		Replacement Stock								
Year	Rolling Stock	Replace With	Priority	Total Cost	FY 20/21 Cost	FY 21/22 Cost	FY 22/23 Cost	FY 23/24 Cost	FY 24/25 Cost	Total CIP Cost*
1984	GMC spreader truck	Same	High				\$ 100,000			\$ 100,000
1996	New Holland LX665 skid steer	Same	Medium	\$ 20,300	\$ 3,800	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,500	\$ 20,300
2001	Sniper 747-4000R trailer jet	Larger	Medium					\$ 80,000		\$ 80,000
2007	Chevy 3/4 ton pickup (red)	Same	Medium	\$ 25,000				\$ 25,000		\$ 25,000
2012	Chevy 3/4 ton w/ utility box/plow	3/4 Ton/plow/box	High	\$ 60,000		\$ 60,000				\$ 60,000
2015	Ford 3/4 ton with utility box	Same	Low	\$ 50,000					\$ 50,000	\$ 50,000
	500 Gallon Vacuum Truck	New	Medium							\$ -
	Lawn Tractor	New/Larger	Medium	\$ 10,000		\$ 10,000				\$ 10,000
										\$ -
										\$ -
										\$ -
										\$ -
	TOTAL			\$ 165,300	\$ 3,800	\$ 74,000	\$ 104,000	\$ 109,000	\$ 54,500	\$ 345,300

Water Cost (1/2 of TOTAL)	\$ 82,650	\$ 1,900	\$ 37,000	\$ 52,000	\$ 54,500	\$ 27,250	\$ 172,650
Sewer Cost (1/2 of TOTAL)	\$ 82,650	\$ 1,900	\$ 37,000	\$ 52,000	\$ 54,500	\$ 27,250	\$ 172,650

(FY 2021-2025)

Project #	Year	Priority	Project	Estimated Cost	Project Start
1	FY 20/21	High	New 16' diving board	\$7,500	Pre-Season 2020
2	FY 20/21	High	Sand filtration check / change sand	\$7,500	Pre-Season 2020
3	FY 20/21	High	Repair concrete on side of slide tank	\$2,500	Pre-Season 2020
4	FY 20/21	High	Permanent shade structures	\$20,000	Pre-Season 2020
5	FY 20/21	High	New electric switch for pump room	\$4,000	Pre-Season 2020
6	FY 20/21	High	Install ventilation fans in pump room	\$4,000	Pre-Season 2020
7	FY 20/21	High	Replace 4 strainers	\$17,000	Pre-Season 2020
8	FY 20/21	High	Replace chlorinator	\$20,000	Pre-Season 2020
9	FY 20/21	Medium	Pool deck / concrete updates	\$15,000	Fall 2020
10	FY 20/21	Medium	Pool house floors / non-slip surface	\$10,000	Pre-Season 2020
11	FY 20/21	Medium	Storage shed for chemicals--plan w/ new chlorination	\$3,000	Summer 2020
12	FY 20/21	Medium	Shower head replacement, men's locker room	\$11,000	Pre-Season 2020
FY 20/21 TOTAL				\$121,500	

Project #	Year	Priority	Project	Estimated Cost	Project Start
1	FY 21/22	High	Permanent shade structure concessions court	\$20,000	Fall 2021
2	FY 21/22	Medium	Pool deck / concrete updates	\$15,000	Fall 2021
3	FY 21/22	Medium	Maintenance and updates	\$10,000	Pre-Season 2021
FY 21/22 TOTAL				\$45,000	

Project #	Year	Priority	Project	Estimated Cost	Project Start
1	FY 22/23	High	Permanent shade structure kiddie pool	\$20,000	Fall 2022
2	FY 22/23	Medium	Pool deck / concrete updates	\$15,000	Fall 2022
3	FY 22/23	Medium	Maintenance & updates	\$10,000	Pre-Season 2021
FY 22/23 TOTAL				\$45,000	

Project #	Year	Priority	Project	Estimated Cost	Project Start
1	FY 23/24	Medium	Pool deck / concrete updates	\$15,000	Fall 2023
2	FY 23/24	Medium	Maintenance & updates	\$10,000	Pre-Season 2023
FY 22/23 TOTAL				\$25,000	

Project #	Year	Priority	Project	Estimated Cost	Project Start
1	FY 24/25	Medium	Pool deck / concrete updates	\$15,000	Fall
2	FY 24/25	Medium	Maintenance & updates	\$10,000	
FY 22/23 TOTAL				\$25,000	

TOTAL 5-YEAR PLAN **\$261,500**

FUTURE PROJECTS			Project	Estimated Cost
			New large waterslide	\$120,000
			Splash pad	\$175,000

**APPENDIX I: TURNER HALL MAINTENANCE AND IMPROVEMENT PLAN
(FY 2021-2025)**

Project #	Year	Project		Estimated Cost
1	FY 20/21	High	Analysis of HVAC system needs by consultant	\$12,500
2	FY 20/21	High	Replace sidewalk on Bench Street	\$7,000
3	FY 20/21	Medium	300 new chairs and storage system (replace current chairs)	\$20,000
4	FY 20/21	Medium	Exterior tuckpointing	\$35,000
FY 2020-21 TOTAL				\$74,500

Project #	Year	Project		Estimated Cost
1	FY 21/22	Medium	Energy efficiency projects	\$15,000
2	FY 21/22	Medium	Stage lighting upgrades to improve efficiency/outdated equipment	\$15,000
3	FY 21/22	Medium	Video projection system, Apple TV, wiring	\$10,000
4	FY 21/22	Medium	Exterior tuckpointing	\$35,000
FY 2021-22 TOTAL				\$75,000

Project #	Year	Project		Estimated Cost
1	FY 22/23	High	HVAC rooftop unit replacement	\$75,000
2	FY 22/23	Medium	Energy efficiency projects / upgrades / emergency repairs	\$15,000
3	FY 22/23	Medium	Stage lighting upgrades	\$10,000
FY 2022-23 TOTAL				\$100,000

Project #	Year	Project		Estimated Cost
1	FY 23/24	High	Boiler replacement	\$25,000
FY 2023-24 TOTAL				\$25,000

Project #	Year	Project		Estimated Cost
1	FY 24/25	High	Floor refinishing	\$10,000
2	FY 24/25	Medium	Exterior tuckpointing	\$35,000
FY 2024-25 TOTAL				\$45,000

TOTAL 5-YEAR PLAN **\$319,500**

FUTURE PROJECTS		Project	Estimated Cost
		Building addition and remodel with kitchen, bathrooms & storage	\$500,000