

CITY OF ROCHELLE, ILLINOIS
2020 – 2029
CAPITAL IMPROVEMENT PLAN



City of Rochelle, Illinois
Directory of Officials
2020

Mayor

John Bearrows



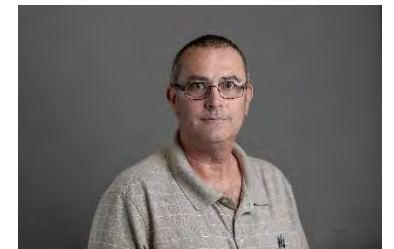
City Council



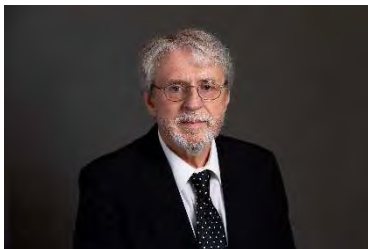
Don Burke



Bil Hayes



Tom McDermott



John Gruben



Dan McDermott



Kate Shaw-Dickey



2020-2029 Capital Improvement Plan

Jeff Fiegenschuh

City Manager

Chris Cardott

Finance Director

ADMINISTRATION

Airport Manager

Superintendent – Electric & ACS

City Engineer

Fire Chief

Director of Public Works

City Clerk & Assistant to the City Manager

Police Chief

Economic Development Director

Superintendent – Water/Water Reclamation

Mike Hudetz

Jason Bird

Sam Tesreau

Dave Sawlsville

Tim Isley

Sue Messer

Eric Higby

Jason Anderson

Adam Lanning



Capital Improvement Plan 2020-2029

Introduction

The Capital Improvement Program (CIP) is a plan for the City's capital investments over a ten (10) year period. The CIP allows the City to forecast capital costs, funding, and timing for large projects. Each year the CIP is reviewed by the City Council within the context of ongoing city, county, and state planning, programs, and policies, as well as the City's planning documents (Strategic Plan, Comprehensive Plan, Economic Development Plan, and Budget).

The current CIP includes ten (10) years of projected capital expenditures. This year of the Program (2020) is included in the 2020 Budget. The CIP is updated during the budget cycle with each CIP year adopted into the corresponding budget year.

ORGANIZATION OF THE CIP

The CIP's organization permits a comprehensive treatment of all pending capital projects. The major portion of the plan contains the individual project descriptions, organized categorically by department. Each project sheet contains information regarding the description, justification, and funding.

FINANCING THE CIP

The following funding sources may be used to finance a project in the CIP:

- ▷ Enterprise Funds (Electric, Water, and Water Rec): These funds are the only enterprise fund or business-type activity of the City. They are used to account for all revenues and expenses of the City's utilities. They are primarily funded by charges for utility service. The majority of spending from these funds are used for operating expenses for supplying the City's services, but is also used for electric, water and water rec capital improvements and other related expenses.
- ▷ Capital Projects Fund: This fund receives its revenue from the utility tax, motor fuel tax, sales tax, and grants. It is used to finance assets that have long useful lives such as land, buildings, major equipment, vehicles, and infrastructure.
- ▷ Debt Financing: Various types of debt instruments can be used in order to finance some of the CIPs. Debt financing includes loans, general obligation bonds, revenue bonds, certificates of obligation and capital lease agreements.
- ▷ Grants: Funding provided to the City by other governmental entities.

MOVING FORWARD

The key to ensuring the accuracy of a ten-year CIP is reviewing and amending the CIP annually. An annual review and amendment allow the projections to become more accurate for the upcoming years, generally the following 2 years, and the project cost estimates to become more precise. It also allows for adjustments to be made should revenue projections fail to meet expectations or exceed said projections. This is a constant and evolving plan that sets goals ten years into the future but consciously adjusts the plan as each year approaches in a way that makes the goals real and attainable. In summary, staff will never allow the fund balances to attain real negative balances in any impactful manner.

WHAT IS A CAPITAL IMPROVEMENT?

Most communities define capital improvements as major public expenditures, usually physical in nature, that include a depreciating asset valued over a determined amount. Local policies may specify the cost and useful life of qualified projects. For example, a small community may set minimum project costs at \$1,000 or \$2,500, while larger communities may set the threshold at \$10,000 or \$25,000. Expenditures below this level are considered "*operational*" and appear in the

annual operating budget and not the CIP. The Government Finance Officers Association (GFOA) recommends a useful service life of at least three to five years, although this term may vary based on the specific asset.

Common categories of capital expenditures include:

1. Purchase of major equipment (*ex. dump truck, snow plow, computers*).
2. Acquisition of land for a public purpose (*ex. water plant, road improvement, fire station*).
3. Construction, expansion or major renovation of a public building or facility (*ex. water treatment plant, roads, sewage treatment plant, new electric line construction*).
4. Related planning, engineering, design, appraisal or feasibility costs (*ex. LEED certification, architectural fees*) required to complete one of the above project types.

GOALS OF THE CIP

The CIP is prepared according to two major goals:

1. To address the City's immediate and long-term capital needs, especially those related to:
 - a. Maintaining the existing infrastructure in order to protect the City's investments.
 - b. Expanding the tax base in a way that will benefit both current and future citizens.
 - c. Managing and encouraging orderly growth in compliance with the Comprehensive Plan.
 - d. Providing City services in the most efficient and safe manner.
 - e. Maintaining and improving the quality of life in a way that enhances the perception of the community by residents and potential investors.
2. To explore all feasible funding sources (as time and resources permit) in order to finance the City's capital needs. This includes external funding opportunities including, but not limited to, grants, loans, and other federal and state managed programs.

FUNDING PRIORITIES

Projects with the following characteristics are given priority for funding:

1. Public health and public safety – prevents or corrects a major or minor health or safety hazard
2. Legal requirement – clearly addresses a mandate by State or Federal law
3. Major deferred maintenance on existing infrastructure/facilities – lack of project will likely result in compounded repair costs in the future and/or materially disrupt the function of the facilities
4. Economic development – directly increases net annual revenues and creates indirect community wealth, such as jobs, business retention, or increased commercial development
5. Operating budget impact – directly reduces operating costs or is eligible for outside funding sources
6. Extension of primary service area – serves the entire City
7. Relationship to other projects – completes a project that is already underway or advances the effectiveness of another project
8. Comprehensive and/or strategic plans or policies – is consistent with the City's existing long-range plans
9. Equitable distribution – considers geographic, environmental and socio-economic balance
10. Joint use – combines two or more projects in the same site or facility resulting in immediate or future savings
11. Best practices – maintains the City's systems or facilities for delivering services and information to the public

RELATIONSHIP OF THE CIP TO THE OPERATING BUDGET

The operating budget and the CIP are closely related. When the City commits to a capital project, there is an associated long-range impact on operating funds. Most capital projects affect future operating budgets either positively or negatively by influencing maintenance costs or by providing capacity for new services to be offered. Such impacts vary widely from project to project and, as such, are evaluated individually during the process of assessing project feasibility.

Capital Purchasing Policies

When making capital purchases, the following requirements apply and additional City Council consideration or legislative approval shall not be required under these circumstances as legislative approval is inherently granted with the adoption of the CIP by the City Council:

1. The capital item shall be included, and budgeted for, in the adopted CIP;
2. The financial expenditure for the capital item shall be included in the corresponding budgeted year;
3. The requested financial expenditure shall be at or below the amount specified in the adopted CIP and budget. The purchase shall include the complete project cost including accessory equipment, and projects shall not be itemized separately to fit into the budgeted amount;
4. Selection of the capital item shall be required to follow the appropriate bidding procedures as currently adopted by the City Council.

INFLATIONARY IMPACT AND ESTIMATES

CIP projects are intended to be included in the annual budget in the appropriate years. Even so, because circumstances may change between the adoption of the CIP and the annual budget, CIP projects must be resubmitted as part of each department's annual capital improvement budget request. Funds for such projects are not available unless, and until, they are specifically included in the annual CIP and annual budget approved by the City Council. When needs outpace the resources available, projects may be deferred each year. Conversely, should projects come in under budget, opportunities may arise to move project schedules up accordingly.

In many cases, the completion of capital projects will impact a department's operating budget as completed projects require maintenance and upkeep. For example, some facilities may require utilities, such as electricity, water, and sewer, above current consumption levels. An impact may not be readily evident when projects are funded and constructed over several years. Consequently, the impacts of capital projects on the annual operating budget are estimated when available and noted in the CIP under each project. Most projects will not have an operating impact in the year during which they are funded since this is typically the construction/installation phase. Additionally, if a project is a renovation which does not include expansion and the operating costs are already captured in the department's annual operating budget, no additional operating costs will be listed.

The City Council of Rochelle is committed to the provision of infrastructure, facilities, and equipment needed to assure the delivery of quality public services that provide for the present and future well-being of the residents and visitors of the City of Rochelle. Capital projects will be funded and undertaken only in conformance with the terms of this policy.

1. **Capital Improvement Plan (CIP)**: Complete listing of all capital projects to be undertaken in a ten-year period. The CIP may include capital projects to be initiated within ten years but completed after the end of the ten-year planning horizon. Projects that are projected to occur beyond the ten-year term will be identified for future consideration and planning purposes.
2. **CIP Purpose**: The purpose of the CIP is to systematically plan, schedule, and finance capital projects to ensure cost-effectiveness as well as conformance with these established policies. The CIP is a ten-year plan organized into the same functional groupings as the operating programs. The CIP will reflect a balance between capital replacement projects that repair, replace, or enhance existing capital assets and capital projects that significantly expand or add to the City's existing fixed assets.
3. **CIP Term**: The CIP will cover projects for a period of ten years. The CIP shall be reviewed annually to accommodate changing parameters based on finances available, need, condition, and operational considerations.
4. **CIP Projects**: Land improvements, buildings and building improvements, and infrastructure with costs greater than \$25,000 and an assigned depreciation life will be included in the CIP. Machinery, equipment, and vehicles with costs greater than \$5,000 and an assigned depreciation life will be included in the CIP. Minor capital outlays of less than \$5,000 will be included within the respective operating budget.
5. **CIP Amendment**: A change of the adopted capital improvement program that adds or deletes a project, modifies the total adopted budget of a project, or alters the approved scope of a project.
6. **Project Manager**: Every CIP project will have a project manager who will prepare the project proposal, ensure that the required phases are completed on schedule, authorize all project expenditures, ensure that all regulations and laws are observed, and periodically report on the project status.
7. **CIP Phases**: The CIP will emphasize project planning with projects progressing through at least two and up to ten of the following phases:

- A. Designate: Designation of funds after approval of budget by Council.
- B. Study: Concept design, site selection, feasibility analysis, schematic design, environmental determination, property appraisals, scheduling, grant application, grant approval, and/or specification preparation for equipment purchases
- C. Environmental Review: EIR preparation and other environmental studies
- D. Real Property Acquisitions: Property acquisition for projects if necessary
- E. Site Preparation: Demolition, hazardous materials abatement, and other pre-construction work
- F. Design: Final design, plan, and specification preparation and construction cost estimation
- G. Construction: Construction contracts preparation and execution
- H. Construction Management: Contract project management and inspection, soils and materials tests, and other support services during construction
- I. Equipment Acquisitions: Vehicles, heavy machinery, computers, office furnishings, other equipment items acquired and installed independently from construction contracts
- J. Debt Service: Installment payments of principal and interest for completed projects funded through financing. Expenditures for this project phase are included in the Debt Service section of the Financial Plan

8. **CIP Allocation**: The City's annual CIP allocations for study, design, acquisition, and/or construction is based on the projects designated by the Council through adoption of the CIP and the Budget. If project costs at the time of project completion are less than the budgeted amount, the balance will be returned to the fund balance and/or allocated to another project. If project costs at the time of bid award are greater than the projected budgeted amounts, five basic options are available:

- A. Eliminate the project.
- B. Defer the project for consideration to the next Financial Plan period.
- C. Re-scope or change the phasing of the project to meet the existing budget.

D. Transfer funding from another specified, lower priority project.

E. Appropriate additional resources as necessary from fund balance.

The City Council, under advisement of the City Manager, shall make the determination of which of the aforementioned options shall be pursued relative to the project.

9. **Program Objectives**: Project phases will be listed as objectives in the program narratives of the programs, which manage the projects.

CAPITAL EXPENDITURES AND IMPROVEMENTS

The City shall annually review and monitor the condition of the City's capital equipment and infrastructure, setting priorities for its replacement and renovation based on needs, funding alternatives and availability of resources.

Capital Improvements Planning Program

The City shall annually review the Capital Improvement Plan (CIP), the current status of the City's infrastructure, replacement and renovation needs and potential new projects and update the program as appropriate. All projects, ongoing and proposed, shall be prioritized based on an analysis of current needs and resource availability. For every project, all operation, maintenance, and replacement costs shall be fully identified. The CIP shall also present the City's long-term borrowing plan, debt payment schedules, and other debt outstanding or planned general obligation bonds, revenue bonds, and certificates of obligation.

Replacement of City Vehicles

- The City shall annually prepare a schedule for the replacement of its vehicles. Within the resources available each fiscal year, the City shall replace these assets according to this schedule.
- The general depreciation term for all vehicles is established at five (5) years. After those five years replacement should be implemented.

- Vehicles and heavy equipment that cost more than \$5,000 may be funded by one of the capital expenditure financing methods discussed below.

Capital Expenditures Financing

The City recognizes that there are several methods of financing capital items. It can budget the funds from current revenues, take the funds from fund balance/working capital as allowed by the fund balance/working capital policy, utilize funds from grants, or it can borrow the money through some form of debt instrument. Debt financing includes general obligation bonds, revenue bonds, debt certificates, and capital lease agreements.

Capitalization Threshold for Tangible Capital Assets

The Government Finance Officers Association (GFOA) recommends that best practice guidelines be followed in establishing capitalization thresholds for tangible capital-type items. Accordingly, the following criteria shall be established with the adoption of this policy.

- Individual items costing more than \$5,000 or \$25,000 depending on the asset will be capitalized and depreciated according to Governmental Accounting Standards Board rules.
- Tangible capital-type items will only be capitalized if they have any estimated useful life of at least five (5) years following the date of acquisition.
- Capitalization thresholds will be applied to individual items rather than to groups of similar items (e.g., desks and tables).
- Adequate control procedures at the department level will be established to ensure adequate control over non-capitalized tangible items.

City of Rochelle, Illinois
Capital Improvement Plan
 2020 thru 2029

DEPARTMENT SUMMARY

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Airport		2,333,817	1,580,000	1,110,000	2,123,000	670,850	635,000	1,000,000	1,050,000	7,600,000		18,102,667
Cemetery				17,000	8,000	8,000	8,000	7,000	7,000	7,000	7,000	69,000
Electric Department		4,772,500	5,007,500	4,707,500	3,985,000	385,000	435,000	385,000	385,000	435,000	385,000	20,882,500
Engineering		9,360,000	1,530,000	1,625,000	2,715,000	2,005,000	11,600,000	1,165,000	1,230,000	1,295,000	1,360,000	33,885,000
Fire Department		290,000	772,000								12,500,000	13,562,000
Landfill/Solid Waste		960,000										960,000
Municipal Building		90,000	30,000									120,000
Network Administration		120,000	40,000	40,000	10,000	40,000	20,000	10,000	10,000	10,000	10,000	310,000
Police Department		52,452	70,702	70,702	82,490	94,270	82,490	70,702	82,490	70,702	70,702	747,702
Railroad		540,000	2,920,000	8,100,000	11,500,000	7,100,000	4,000,000	700,000	250,000	8,000,000		43,110,000
Streets		328,652	235,302	273,942	241,500	171,500	176,000	152,500	177,500	157,500	167,500	2,081,896
Technology Center		149,000	169,000	264,000	124,000	114,000	114,000	124,000	99,000	114,000	99,000	1,370,000
Water		4,849,000	2,953,000	2,940,000	1,510,000	1,020,000	975,877	1,195,785	1,035,693	1,115,601	913,009	18,507,965
Water Reclamation		4,626,524	3,850,116	856,462	5,483,462	4,128,462	1,175,000	1,100,000	1,100,000	1,125,000	1,100,000	24,545,026
GRAND TOTAL		28,471,945	19,157,620	20,004,606	27,782,452	15,737,082	19,221,367	5,909,987	5,426,683	19,929,803	16,612,211	178,253,756

AIRPORT
2020 – 2029
CAPITAL IMPROVEMENT PLAN



City of Rochelle, Illinois
Capital Improvement Plan
 2020 thru 2029

PROJECTS BY DEPARTMENT

Department	#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Airport												
Rehabilitate Existing Ramp, Phase II	19-AP-002		1,500,000									1,500,000
Rehabilitate Access Taxi Ways	19-AP-003	228,000										228,000
Replace Fuel Cabinets	19-AP-004		80,000									80,000
Replace 4 Hangars	19-AP-005			385,000	423,000	465,850	485,000					1,758,850
Runway Rehabilitation	20-AP-001	2,040,817										2,040,817
RV Park	21-AP-001	40,000										40,000
Taxiway A/A7	23-AP-001			725,000								725,000
Rehabilitate Taxiway to Row E Hangars	24-AP-001					205,000						205,000
Environmental Assessment	25-AP-001						150,000					150,000
Land Acquisition	26-AP-001							1,000,000				1,000,000
Land Acquisition	27-AP-001								1,000,000			1,000,000
Exhibit A Property Line Map	27-AP-002								50,000			50,000
Extend and Widen Runway 7-25 and Taxiway A/A1	28-AP-001									7,600,000		7,600,000
Rehabilitate PAPI Bases	PAPI#1	25,000										25,000
Parallel Taxiway West Extension	Txwy ext 1				1,700,000							1,700,000
Airport Total		2,333,817	1,580,000	1,110,000	2,123,000	670,850	635,000	1,000,000	1,050,000	7,600,000		18,102,667
GRAND TOTAL		2,333,817	1,580,000	1,110,000	2,123,000	670,850	635,000	1,000,000	1,050,000	7,600,000		18,102,667

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-AP-002
Project Name Rehabilitate Existing Ramp, Phase II



Type Capital Improvement **Department** Airport
Category Infrastructure **Contact** Airport Manager: Mike Hudetz

Total Project Cost: \$1,500,000

Description

Tear out asphalt and replace with concrete

Justification

Improve surface to allow parking of heavier aircraft
 Better conditions to accommodate corporate aircraft

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance		1,500,000									1,500,000
Total		1,500,000									1,500,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund		75,000									75,000
Grant		1,425,000									1,425,000
Total		1,500,000									1,500,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-AP-003
Project Name Rehabilitate Access Taxi Ways



Type Maintenance **Department** Airport
Category Infrastructure **Contact** Airport Manager: Mike Hudetz

Total Project Cost: \$240,000

Description
 Rehabilitate Pavements with replacement of paved surface, repair subbase as needed

Justification
 Improve surface to allow safe taxiing for tenants
 Improve service for airport users

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
12,000	Construction/Maintenance	228,000										228,000
Total	Total	228,000										228,000

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
12,000	Other	228,000										228,000
Total	Total	228,000										228,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-AP-004
Project Name Replace Fuel Cabinets



Type Equipment **Department** Airport
Category Equipment **Contact** Airport Manager: Mike Hudetz

Total Project Cost: \$80,000

Description
 The City of Rochelle owns refurbished fuel cabinets that require installation

Justification
 Aging fuel pumps are inefficient

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings		80,000									80,000
Total		80,000									80,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund		8,000									8,000
Grant		72,000									72,000
Total		80,000									80,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-AP-005
Project Name Replace 4 Hangars



Type Capital Improvement **Department** Airport
Category Buildings **Contact** Airport Manager: Mike Hudetz

Total Project Cost: \$1,758,850

Description
 Replace row A to D hangars

Justification
 Poor, hangars are approximately 50 years old beyond repair

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance			385,000	423,000	465,850	485,000					1,758,850
Total			385,000	423,000	465,850	485,000					1,758,850

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Loan			385,000	423,000	465,850	485,000					1,758,850
Total			385,000	423,000	465,850	485,000					1,758,850

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-AP-001
Project Name Runway Rehabillitaion



Type Maintenance **Department** Airport
Category Infrastructure **Contact** Airport Manager: Mike Hudetz

Total Project Cost: \$2,040,817

Description
 Griniding and resurfacing of runway and construction of new access taxiway.

Justification
 The runway surface is deteriorating to the point that aircraft could be damaged by the debris caused by the condition of the runway.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	2,040,817										2,040,817
Total	2,040,817										2,040,817

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund	102,040										102,040
Grant	1,938,777										1,938,777
Total	2,040,817										2,040,817

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 21-AP-001
Project Name RV Park



Type Capital Improvement **Department** Airport
Category Infrastructure **Contact** Airport Manager: Mike Hudetz

Total Project Cost: \$40,000

Description
 Eleven recreational vehicle (RV) parking slots with electric, water and sewer hookups.

Justification
 Increase top-line revenue at the airport.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	40,000										40,000
Total	40,000										40,000

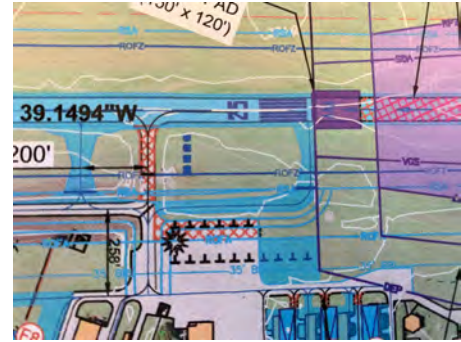
Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund	40,000										40,000
Total	40,000										40,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 23-AP-001
Project Name Taxiway A/A7



Type Capital Improvement **Department** Airport
Category Infrastructure **Contact** Airport Manager: Mike Hudetz

Total Project Cost: \$725,000

Description
 Pave, light, and mark the partial parallel taxiway to the east.

Justification
 Completion of taxiway project.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance			725,000								725,000
Total			725,000								725,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund			36,250								36,250
Grant			688,750								688,750
Total			725,000								725,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 24-AP-001
Project Name Rehabilitate Taxiway to Row E Hangars



Type Maintenance **Department** Airport
Category Infrastructure **Contact** Airport Manager: Mike Hudetz

Total Project Cost: \$205,000

Description
Milling and replacing 2" of bituminous surface for rehabilitating taxiway.

Justification
Improve pavement surface to allow for safe taxiing by airport tenants. Improve service for airport users.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance					205,000						205,000
Total					205,000						205,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund					10,250						10,250
Grant					194,750						194,750
Total					205,000						205,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	25-AP-001
Project Name	Environmental Assessment



Type Unassigned **Department** Airport
Category Other **Contact** Airport Manager: Mike Hudetz

Total Project Cost: \$150,000

Description
Environmental assessment for increase to Category C.

Justification
Corporate aircraft continue to increase in size and weight. Before wideinng and lengthening the runway, an environmental assessment is required.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.						150,000					150,000
Total						150,000					150,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund						7,500					7,500
Grant						142,500					142,500
Total						150,000					150,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 26-AP-001
Project Name Land Acquisition



Type Unassigned **Department** Airport
Category Other **Contact** Airport Manager: Mike Hudetz

Total Project Cost: \$1,000,000

Description
Purchase of land to protect approaches.

Justification
Future runway expansion.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Land Acquisition							1,000,000				1,000,000
Total							1,000,000				1,000,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund							50,000				50,000
Grant							950,000				950,000
Total							1,000,000				1,000,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 27-AP-001
Project Name Land Acquisition



Type Unassigned **Department** Airport
Category Other **Contact** Airport Manager: Mike Hudetz

Total Project Cost: \$1,000,000

Description
 Acquisition of land on the west end for airspace protection. Approx. 50 acres

Justification
 Runway expansion.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Land Acquisition								1,000,000			1,000,000
Total								1,000,000			1,000,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Grant								1,000,000			1,000,000
Total								1,000,000			1,000,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 27-AP-002
Project Name Exhibit A Property Line Map



Type Unassigned **Department** Airport
Category Other **Contact** Airport Manager: Mike Hudetz

Total Project Cost: \$50,000

Description
 Update and finalize Exhibit A Property Line Map.

Justification
 Runway Expansion

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other								50,000			50,000
Total								50,000			50,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund								2,500			2,500
Grant								47,500			47,500
Total								50,000			50,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 28-AP-001
Project Name Extend and Widen Runway 7-25 and Taxiway A/A1



Type Capital Improvement **Department** Airport
Category Infrastructure **Contact** Airport Manager: Mike Hudetz

Total Project Cost: \$7,600,000

Description

Phase 2 to widen and extend runway to A/A1 and removal of existing runway 7-25. Strengthen airfield to 50,000 pounds.

Justification

Under new Federal guidelines, the east end of our runway is too close to Rt 251 and must be moved to the west. Longer, heavier business jets require a longer and wider runway. Weight bearing capacity must also be improved.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance									7,600,000		7,600,000
Total									7,600,000		7,600,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund									380,000		380,000
Grant									7,220,000		7,220,000
Total									7,600,000		7,600,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	PAPI #1
Project Name	Rehabilitate PAPI Bases



Type Capital Improvement **Department** Airport
Category Infrastructure **Contact** Airport Manager: Mike Hudetz

Total Project Cost: \$25,000

Description

The concrete bases under the Runway 25 PAPI(precision approach pathway indicator) lights that guide aircraft to the runway in low vizability conditions are continually going out of alignment when the ground heaves. A heavier concrete base is needed to stop this.

Justification

When the ground heaves, the lights go out of alignment and automatically the light system shuts itself down. This could be hazardous to aircraft approaching in low vizability. When airport staff finds the alignment problem, adjustments are made to re-align the lights, this takes time and labor dollars to address, which adds up to thousands of dollars over time.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	25,000										25,000
Total	25,000										25,000

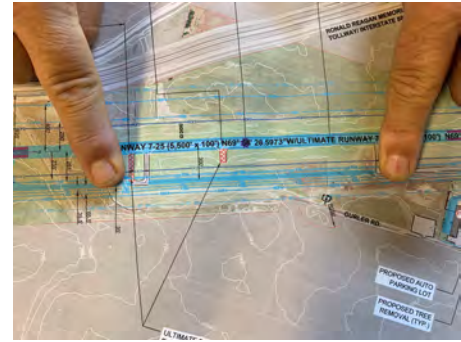
Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
General Fund	1,500										1,500
Grant	23,500										23,500
Total	25,000										25,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # Txwy ext 1
Project Name Parallel Taxiway West Extention



Type Capital Improvement **Department** Airport
Category Infrastructure **Contact** Airport Manager: Mike Hudetz

Total Project Cost: \$1,700,000

Description

The current parallel taxiway for Runway 7/25 only runs about 1/3 the length of the runway. To reduce the chances of runway incursion accidents, this taxiway must be extended along side the entire length of the runway. This project will take care of the western portion of this need. The eastern portion will be done as a separate project at an undetermined future date.

Justification

This is determined to be a safety concern by IDOT and the FAA.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance				1,700,000							1,700,000
Total				1,700,000							1,700,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund				85,000							85,000
Grant				1,615,000							1,615,000
Total				1,700,000							1,700,000

CEMETERY DIVISION
2020 – 2029
CAPITAL IMPROVEMENT PLAN



City of Rochelle, Illinois
Capital Improvement Plan
 2020 thru 2029

PROJECTS BY DEPARTMENT

Department	#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cemetery												
Vehicle/Pickup Truck	22-LC-001			17,000	8,000	8,000	8,000	7,000	7,000	7,000	7,000	69,000
Cemetery Total				17,000	8,000	8,000	8,000	7,000	7,000	7,000	7,000	69,000
GRAND TOTAL				17,000	8,000	8,000	8,000	7,000	7,000	7,000	7,000	69,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 22-LC-001
Project Name Vehicle/Pickup Truck



Type Equipment **Department** Cemetery
Category Vehicles **Contact** Streets Superintendent: Tim Isley

Description

Public Works light duty vehicle fleet ranges from 2 Ton dump trucks, down to 1/2 ton pickup Trucks. Additional equipment varies on each truck. This equipment can consist of Hydraulic and electric hoists. Snow plows and spreaders. Tailgate lifts, dump bodies and dump bodies with fold down sides.

Justification

These vehicles are used on a daily basis and are necessary in transporting labor, equipment and materials to and from work sites. Benefits of new vehicles will be increased fuel mileage, less vehicle repair expense, down time, and increased reliability and safety.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
Equip/Vehicles/Furnishings			17,000	8,000	8,000	8,000	7,000	7,000	7,000	7,000	69,000	7,000
Total			17,000	8,000	8,000	8,000	7,000	7,000	7,000	7,000	69,000	Total

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
General Fund			17,000	8,000	8,000	8,000	7,000	7,000	7,000	7,000	69,000	7,000
Total			17,000	8,000	8,000	8,000	7,000	7,000	7,000	7,000	69,000	Total

**ELECTRIC DEPARTMENT
2020 – 2029
CAPITAL IMPROVEMENT PLAN**



City of Rochelle, Illinois
Capital Improvement Plan
 2020 thru 2029

PROJECTS BY DEPARTMENT

Department	#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Electric Department												
Electric Meter Replacement	19-EL-001	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
Street Lights Replacements LED	19-EL-002	72,500	72,500	72,500	50,000	50,000	50,000	50,000	50,000	50,000	50,000	567,500
Overhead Distribution/Transformers	19-EL-003	125,000	125,000	125,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,425,000
Underground Distribution	19-EL-004	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,250,000
Coordination of the Distribution System	19-EL-005		25,000	25,000						50,000		100,000
Outage Management System	19-EL-006		150,000		150,000		50,000					350,000
Downtown Project	19-EL-007	100,000	100,000	100,000								300,000
Substation	19-EL-010	3,500,000	4,000,000	4,000,000	3,500,000	50,000	50,000	50,000	50,000	50,000	50,000	15,300,000
LSV Engine Control Panel	19-EL-015			250,000								250,000
LSV-16 GDT	19-EL-018		150,000									150,000
Nordbergs Units Upgrade/Rod Bearings	19-EL-019	540,000										540,000
Diesel Plant Fuel Tank Removal	19-EL-020	100,000										100,000
Diesel Plant Removal of Units 2 and 5	19-EL-021		250,000									250,000
Peaker Plant Siemens Control	19-EL-022	200,000										200,000
Electric Department Total		4,772,500	5,007,500	4,707,500	3,985,000	385,000	435,000	385,000	385,000	435,000	385,000	20,882,500
GRAND TOTAL		4,772,500	5,007,500	4,707,500	3,985,000	385,000	435,000	385,000	385,000	435,000	385,000	20,882,500

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	19-EL-001
Project Name	Electric Meter Replacement



Type Equipment **Department** Electric Department
Category Equipment **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$120,000

Description
 Continue to purchase meters that are solid state and can provide two way communications

Justification
 This will be an ongoing project, as meters go bad and as we continue to grow we will need to purchase the meters

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
10,000	Equip/Vehicles/Furnishings	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000	10,000
Total	Total	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000	Total

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
10,000	Enterprise Fund	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000	10,000
Total	Total	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000	Total

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	19-EL-002
Project Name	Street Lights Replacements LED

Type Capital Improvement **Department** Electric Department
Category Equipment **Contact** Electric Department Superintendent: Jason Bird



Total Project Cost: \$690,000

Description
Replace old street lights with LED lighting

Justification
Old lighting is a higher cost and higher maintenance

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
72,500	Equip/Vehicles/Furnishings	72,500	72,500	72,500	50,000	50,000	50,000	50,000	50,000	50,000	50,000	567,500	50,000
Total	Total	72,500	72,500	72,500	50,000	50,000	50,000	50,000	50,000	50,000	50,000	567,500	Total

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
72,500	Enterprise Fund	72,500	72,500	72,500	50,000	50,000	50,000	50,000	50,000	50,000	50,000	567,500	50,000
Total	Total	72,500	72,500	72,500	50,000	50,000	50,000	50,000	50,000	50,000	50,000	567,500	Total

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EL-003
Project Name Overhead Distribution/Transformers



Type Capital Improvement **Department** Electric Department
Category Infrastructure **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$1,775,000

Description
 Rebuild old lines and new lines as the system continues to grow

Justification
 We maintain 270 miles of Overhead and underground distribution system, some of which was installed in the 40's and 50's. These lines need to be replaced with bigger poles and wires.

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
200,000	Equip/Vehicles/Furnishings	125,000	125,000	125,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,425,000	150,000
Total	Total	125,000	125,000	125,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,425,000	Total

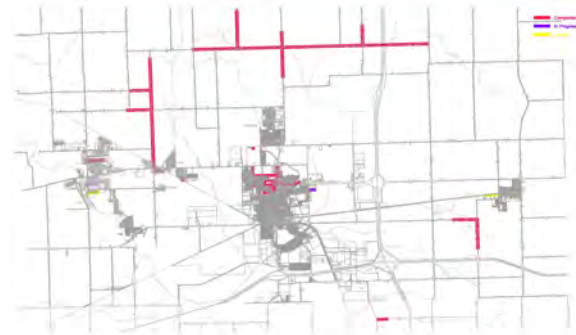
Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
200,000	Enterprise Fund	125,000	125,000	125,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,425,000	150,000
Total	Total	125,000	125,000	125,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,425,000	Total

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EL-004
Project Name Underground Distribution



Type Maintenance **Department** Electric Department
Category Infrastructure **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$1,575,000

Description

We have several areas in our service area that the underground is direct buried and it has run past its life expectancy, 2018 we had several locations that the underground went bad and needed emergency repairs.

Justification

Existing condition is poor on the old underground

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
200,000	Construction/Maintenance	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,250,000	125,000
Total	Total	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,250,000	Total

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
200,000	Enterprise Fund	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,250,000	125,000
Total	Total	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,250,000	Total

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EL-005
Project Name Coordination of the Distribution System



Type Capital Improvement **Department** Electric Department
Category Infrastructure **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$150,000

Description

Continue to place trip savers on our single phase lines to increase reliability

Justification

We have some locations done and will continue to put trip savers up and do a fusing coordination downstream of those devices.

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
50,000	Construction/Maintenance		25,000	25,000						50,000		100,000
Total	Total		25,000	25,000						50,000		100,000

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
50,000	Enterprise Fund		25,000	25,000						50,000		100,000
Total	Total		25,000	25,000						50,000		100,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EL-006
Project Name Outage Management System



Type Capital Improvement **Department** Electric Department
Category Other **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$500,000

Description
 Continue to build on the outage management system that was bought during the 2018 budget, add new features

Justification
 Currently we are getting real time outages and able to notify the field crews

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
150,000	Planning/Design Eng.		150,000		150,000		50,000					350,000
Total	Total		150,000		150,000		50,000					350,000

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
150,000	Enterprise Fund		150,000		150,000		50,000					350,000
Total	Total		150,000		150,000		50,000					350,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	19-EL-007
Project Name	Downtown Project



Type Capital Improvement **Department** Electric Department
Category Infrastructure **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$400,000

Description
Continue to replace the old streetlights downtown to the new ones that meet the new branding established by the committee

Justification
Currently we did 45 street lights on Lincoln Highway

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
100,000	Construction/Maintenance	100,000	100,000	100,000								300,000
Total	Total	100,000	100,000	100,000								300,000

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
100,000	Enterprise Fund	100,000	100,000	100,000								300,000
Total	Total	100,000	100,000	100,000								300,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	19-EL-010
Project Name	Substation



Type Capital Improvement **Department** Electric Department
Category Equipment **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$15,400,000

Description
 Basic Improvements of the substations, oil samples, relay testing, etc, New substation in 2020-2021 and another one in 2022-2023

Justification
 Maintain the substation so we can get a good life out of them. We will need two new stations for load growth.

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
50,000	Planning/Design Eng.	3,500,000	4,000,000	4,000,000	3,500,000	50,000	50,000	50,000	50,000	50,000	50,000	15,300,000	50,000
Total	Total	3,500,000	4,000,000	4,000,000	3,500,000	50,000	50,000	50,000	50,000	50,000	50,000	15,300,000	Total

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
50,000	Enterprise Fund	3,500,000	4,000,000	4,000,000	3,500,000	50,000	50,000	50,000	50,000	50,000	50,000	15,300,000	50,000
Total	Total	3,500,000	4,000,000	4,000,000	3,500,000	50,000	50,000	50,000	50,000	50,000	50,000	15,300,000	Total

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EL-015
Project Name LSV Engine Control Panel



Type Equipment **Department** Electric Department
Category Equipment **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$1,100,000

Description
 Replace the old control panel that was installed in 1957, this is on unit 10

Justification
 Old and barely getting by

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
850,000	Equip/Vehicles/Furnishings			250,000								250,000
Total	Total			250,000								250,000

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
850,000	Enterprise Fund			250,000								250,000
Total	Total			250,000								250,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	19-EL-018
Project Name	LSV-16 GDT



Type Equipment **Department** Electric Department
Category Buildings **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$150,000

Description
 Over haul on unit to use for Peak Shaving

Justification
 To maintain the life of the unit so we can continue to use to support the 5 Kv during outages and Peak Shaving

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.		150,000									150,000
Total		150,000									150,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund		150,000									150,000
Total		150,000									150,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EL-019
Project Name Nordbergs Units Upgrade/Rod Bearings



Type Equipment **Department** Electric Department
Category Equipment **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$540,000

Description
 Overhaul to use for Peak shaving

Justification
 To maintain the life of the unit so we can continue to use to support the 5 Kv during outages and Peak Shaving

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.	540,000										540,000
Total	540,000										540,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund	540,000										540,000
Total	540,000										540,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EL-020
Project Name Diesel Plant Fuel Tank Removal



Type Equipment **Department** Electric Department
Category Equipment **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$100,000

Description
 Remove old fuel tank form the lot

Justification
 No longer used and cleaning the area up

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.	100,000										100,000
Total	100,000										100,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund	100,000										100,000
Total	100,000										100,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EL-021
Project Name Diesel Plant Removal of Units 2 and 5



Type Equipment **Department** Electric Department
Category Equipment **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$250,000

Description
 Remove two old units that are out of service.

Justification
 No longer used and cleaning the area up. The units are decommissioned and can no longer be repaired.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.		250,000									250,000
Total		250,000									250,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund		250,000									250,000
Total		250,000									250,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EL-022
Project Name Peaker Plant Siemens Control



Type Equipment **Department** Electric Department
Category Equipment **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$200,000

Description
 Remote controls for the Peaker Plant

Justification
 Maintain units for emergency and Peak shaving

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.	200,000										200,000
Total	200,000										200,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund	200,000										200,000
Total	200,000										200,000

ENGINEERING 2020 – 2029 CAPITAL IMPROVEMENT PLAN



City of Rochelle, Illinois
Capital Improvement Plan
 2020 thru 2029

PROJECTS BY DEPARTMENT

Department	#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Engineering												
South Main Street Phase 1 (not finished)	19-EN-001	3,605,000										3,605,000
7th Avenue Bridge Replacement	19-EN-002	1,220,000										1,220,000
Annual Sidewalk and Pedestrian Path Improvements	19-EN-003	336,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,586,000
Annual Seal Coat Street Surface Treatments	19-EN-007	225,000	250,000	275,000	300,000	325,000	350,000	375,000	400,000	425,000	450,000	3,375,000
General Maintenance	19-EN-008	120,000	140,000	160,000	180,000	200,000	220,000	240,000	260,000	280,000	300,000	2,100,000
Other Street and Alley Improvements	19-EN-009	180,000	200,000	220,000	240,000	260,000	280,000	300,000	320,000	340,000	360,000	2,700,000
W. 2nd Avenue and 12th Street Urbanization Project	19-EN-010	470,000										470,000
2nd Avenue Improvements Washington-Rt 251	19-EN-011	348,000										348,000
Downtown Drainage Improvements/Street Restoration	19-EN-012	1,350,000	100,000									1,450,000
Washington Street/1st Ave Parking Lot Reconstruct	19-EN-014	148,000										148,000
Dement Road Overpass Approach/Pavement Rehab	19-EN-015	130,000										130,000
Traffic Signalization at IL Rte 251 and Steward Rd	19-EN-016	125,000	100,000									225,000
Shared Use Path Rochelle Golf Course Phase 1	19-EN-017		190,000	125,000								315,000
IL RT 251 Improvements Rt 38 to Fairview Dr	20-EN-001			100,000	645,000							745,000
Flagg Road & 20th Street Intersection Improvements	20-EN-002		60,000	75,000	850,000	100,000						1,085,000
5th Ave/6th St Recon 4th-5th Aves Includes Alley	20-EN-003	304,000										304,000
General Bridge Maintenance and Repairs	20-EN-004	17,000		40,000		70,000						127,000
City-Wide Storm Sewer/Drainage Structure Improve	20-EN-005	675,000	100,000									775,000
HVAC Replacement at 333 Lincoln Highway	20-EN-006	10,000	10,000									20,000
Security Cameras at 333 Lincoln Highway	20-EN-007	7,000										7,000

Department	#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Steward Road Widening	20-EN-008	55,000										55,000
Building Security at 333 Lincoln Highway	20-EN-009	35,000										35,000
Roof Replacement at 333 Lincoln Highway	21-EN-002		80,000									80,000
14th Street Drainage Improvements/Street Restore	21-EN-003		50,000	380,000								430,000
Dement Road Extension to Wiscold Drive	23-EN-001				250,000	500,000	7,000,000					7,750,000
Upgrade Steward Road From County Line to Elva Road	24-EN-001					300,000	3,500,000					3,800,000
Engineering Total		9,360,000	1,530,000	1,625,000	2,715,000	2,005,000	11,600,000	1,165,000	1,230,000	1,295,000	1,360,000	33,885,000
GRAND TOTAL		9,360,000	1,530,000	1,625,000	2,715,000	2,005,000	11,600,000	1,165,000	1,230,000	1,295,000	1,360,000	33,885,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EN-001
Project Name South Main Street Phase 1 (not finished)



Type Capital Improvement **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau

Total Project Cost: \$3,605,000

Description

South Main Street Phase 1—Steam Plan Rd to Steward Rd
 Street reconstruction and urbanization form Steam Plant Rd to Steward Rd including 1000' along Steward with new traffic signals at Steward/Main St

Justification

2 lane rural roadway with deteriorating roadway surface and base

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	3,605,000										3,605,000
Total	3,605,000										3,605,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Grant	1,850,000										1,850,000
Transfer from another fund	1,755,000										1,755,000
Total	3,605,000										3,605,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EN-002
Project Name 7th Avenue Bridge Replacement



Type Capital Improvement **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau

Total Project Cost: \$1,220,000

Description
 Replace existing bridge

Justification
 Existing bridge in poor condition and currently restricted to 22 tons

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	1,220,000										1,220,000
Total	1,220,000										1,220,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund	220,000										220,000
Other	1,000,000										1,000,000
Total	1,220,000										1,220,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EN-003
Project Name Annual Sidewalk and Pedestrian Path Improvements

Type Capital Improvement **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau



Total Project Cost: \$3,136,000

Description

Replace existing sidewalks, reconstruct ramps

Justification

The annual sidewalk and pedestrian path replacement project continues to improve accessibility to all users throughout the City. This is an ongoing infrastructure improvement program of existing infrastructure as well as new extensions or connections.

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
300,000	Construction/Maintenance	336,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,586,000	250,000
Total	Total	336,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,586,000	Total

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
300,000	Enterprise Fund	336,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,586,000	250,000
Total	Total	336,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,586,000	Total

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EN-007
Project Name Annual Seal Coat Street Surface Treatments



Type Maintenance **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau

Total Project Cost: \$3,995,000

Description

We have several areas in our service area that the underground is direct buried and it has run past its life expectancy, 2018 we had several locations that the underground went bad and needed emergency repairs.

Justification

Existing condition is poor on the old underground

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
145,000	Construction/Maintenance	225,000	250,000	275,000	300,000	325,000	350,000	375,000	400,000	425,000	450,000	3,375,000	475,000
Total	Total	225,000	250,000	275,000	300,000	325,000	350,000	375,000	400,000	425,000	450,000	3,375,000	Total

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
145,000	Transfer from another fund	225,000	250,000	275,000	300,000	325,000	350,000	375,000	400,000	425,000	450,000	3,375,000	475,000
Total	Total	225,000	250,000	275,000	300,000	325,000	350,000	375,000	400,000	425,000	450,000	3,375,000	Total

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	19-EN-008
Project Name	General Maintenance



Type Maintenance **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau

Total Project Cost: \$2,495,000

Description
 General maintenance expenses related to routine maintenance, replacement or reconstruction of various street and drainage components.
 General Maintenance of streets, sidewalks, storm sewer, drainage structures and systems

Justification
 Deteriorating street and drainage system infrastructure

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
75,000	Construction/Maintenance	120,000	140,000	160,000	180,000	200,000	220,000	240,000	260,000	280,000	300,000	2,100,000	320,000
Total	Total	120,000	140,000	160,000	180,000	200,000	220,000	240,000	260,000	280,000	300,000	2,100,000	Total

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
75,000	Other	120,000	140,000	160,000	180,000	200,000	220,000	240,000	260,000	280,000	300,000	2,100,000	320,000
Total	Total	120,000	140,000	160,000	180,000	200,000	220,000	240,000	260,000	280,000	300,000	2,100,000	Total

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EN-009
Project Name Other Street and Alley Improvements

Type Capital Improvement **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau



Total Project Cost: \$3,246,000

Description
 Expenses related to routine maintenance, replacement or reconstruction of various street pavements and shoulders or curb and gutter

Justification
 Deteriorating street and drainage system infrastructure

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
166,000	Construction/Maintenance	180,000	200,000	220,000	240,000	260,000	280,000	300,000	320,000	340,000	360,000	2,700,000	380,000
Total	Total	180,000	200,000	220,000	240,000	260,000	280,000	300,000	320,000	340,000	360,000	2,700,000	Total

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
166,000	Other	180,000	200,000	220,000	240,000	260,000	280,000	300,000	320,000	340,000	360,000	2,700,000	380,000
Total	Total	180,000	200,000	220,000	240,000	260,000	280,000	300,000	320,000	340,000	360,000	2,700,000	Total

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EN-010
Project Name W. 2nd Avenue and 12th Street Urbanization Project



Type Capital Improvement **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau

Total Project Cost: \$526,000

Description
 Reconstruction and urbanization of 2nd Avenue, from 12th St to 14th St, and along 12th Street from 2nd Avenue north to IL Rte 38 (Lincoln Ave)

Justification
 Increase reliability of street, transportation and drainage systems throughout the City

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
56,000	Construction/Maintenance	470,000										470,000
Total	Total	470,000										470,000

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
56,000	Bonds	470,000										470,000
Total	Total	470,000										470,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EN-011
Project Name 2nd Avenue Improvements Washington-Rt 251

Type Capital Improvement **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau



Total Project Cost: \$348,000

Description

2nd Avenue street improvements, west of Washington Street to Route 251 overpass
 Street and on street parking improvements, sidewalk, curb and gutter along 2nd Avenue and offsite improvements along the south side of 2nd Ave to provide for greenspace and stormwater detention to improve the downtown area and cleanup blighted areas

Justification

Deteriorating street and drainage system infrastructure along with limited parking downtown

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	348,000										348,000
Total	348,000										348,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Bonds	348,000										348,000
Total	348,000										348,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EN-012
Project Name Downtown Drainage Improvements/Street Restoration

Type Maintenance **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau



Total Project Cost: \$1,500,000

Description
 Reconstruct existing mainline storm sewers from near 6th Street east to the Kyte River along 4th Avenue and other associated tributary areas

Justification
 Deteriorating and undersized storm sewers and drainage system infrastructure

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
50,000	Construction/Maintenance	1,350,000	100,000									1,450,000
Total	Total	1,350,000	100,000									1,450,000

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
50,000	Bonds	1,350,000	100,000									1,450,000
Total	Total	1,350,000	100,000									1,450,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EN-014
Project Name Washington Street/1st Ave Parking Lot Reconstruct

Type Maintenance **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau



Total Project Cost: \$148,000

Description
 Reconstruct and or/resurface municipal parking lots in the downtown area

Justification
 Deteriorating parking area facilities

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	148,000										148,000
Total	148,000										148,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Bonds	148,000										148,000
Total	148,000										148,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EN-015
Project Name Dement Road Overpass Approach/Pavement Rehab

Type Maintenance **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau



Total Project Cost: \$130,000

Description
 Reconstruct and adjust approach pavement and associated appurtenances
 Dement Road overpass approach/pavement rehabilitation and drainage culvert improvement

Justification
 Deteriorating approach slab pavement

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	130,000										130,000
Total	130,000										130,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other	130,000										130,000
Total	130,000										130,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EN-016
Project Name Traffic Signalization at IL Rte 251 and Steward Rd



Type Equipment **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau

Total Project Cost: \$350,000

Description

Traffic signalization and other intersection improvements at IL Rte 251 and Steward Rd per annexation agreement with Love's Travel Stops

Justification

2 lane rural roadway with deteriorating roadway surface and base

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
125,000	Construction/Maintenance	125,000	100,000									225,000
Total	Total	125,000	100,000									225,000

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
125,000	Transfer from another fund	125,000	100,000									225,000
Total	Total	125,000	100,000									225,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-EN-017
Project Name Shared Use Path Rochelle Golf Course Phase 1

Type Capital Improvement **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau



Total Project Cost: \$315,000

Description

shared use pedestrian path along IL Rte 251 along the west side of the Rochelle Golf Course

Justification

no existing pedestrian path or sidewalk to connect Cleveland Ave to Washington Street along IL Rte 251

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.		50,000									50,000
Construction/Maintenance		140,000	125,000								265,000
Total		190,000	125,000								315,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Transfer from another fund		190,000	125,000								315,000
Total		190,000	125,000								315,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-EN-001
Project Name IL RT 251 Improvements Rt 38 to Fairview Dr



Type Capital Improvement **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau

Total Project Cost: \$745,000

Description
 City participation in IDOT MYP Route 251 improvements including sidewalks, shared-use path, street lights, and storm sewer upgrades

Justification
 Deteriorating roadway

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance			100,000	645,000							745,000
Total			100,000	645,000							745,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Transfer from another fund			100,000	645,000							745,000
Total			100,000	645,000							745,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-EN-002
Project Name **Flagg Road & 20th Street Intersection Improvements**



Type Capital Improvement **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau

Total Project Cost: \$1,085,000

Description
 Intersection improvements including new permanent traffic signal upgrades, intesection geometrics, turn lanes, resurfacing, and land acquisition

Justification
 Road deteriorating and level of sevice failure

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.			75,000								75,000
Land Acquisition		60,000									60,000
Construction/Maintenance				850,000	100,000						950,000
Total		60,000	75,000	850,000	100,000						1,085,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Transfer from another fund		60,000	75,000	850,000	100,000						1,085,000
Total		60,000	75,000	850,000	100,000						1,085,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-EN-003
Project Name 5th Ave/6th St Recon 4th-5th Aves Includes Alley



Type Capital Improvement **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau

Total Project Cost: \$304,000

Description
 Street reconstruction along 6th Street & 5th Avenue from 4th Avenue to 5th Avenue including the alley between 6th Street & Lincoln Highway

Justification
 Deteriorating streets and insufficient draining systems

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	304,000										304,000
Total	304,000										304,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Bonds	304,000										304,000
Total	304,000										304,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-EN-004
Project Name General Bridge Maintenance and Repairs



Type Capital Improvement **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau

Total Project Cost: \$127,000

Description
 On-going maintenance and repairs to local bridges on the NBIS System

Justification
 Routine maintenance expenses for City bridges on the local NBIS System.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	17,000		40,000		70,000						127,000
Total	17,000		40,000		70,000						127,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Transfer from another fund	17,000		40,000		70,000						127,000
Total	17,000		40,000		70,000						127,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-EN-005
Project Name City-Wide Storm Sewer/Drainage Structure Improve



Type Capital Improvement **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau

Total Project Cost: \$775,000

Description
 City-wide storm sewer and drainage improvements misc areas including storm sewer upgrades, inlets, manholes, pavement replacement, curb replacement and sidewalk

Justification
 Deteriorating storm and drainage infrastructure

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.	75,000										75,000
Construction/Maintenance	600,000	100,000									700,000
Total	675,000	100,000									775,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Bonds	675,000	100,000									775,000
Total	675,000	100,000									775,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-EN-006
Project Name HVAC Replacement at 333 Lincoln Highway



Type Maintenance **Department** Engineering
Category Buildings **Contact** City Engineer: Sam Tesreau

Total Project Cost: \$20,000

Description
 Replace 2 HVAC units

Justification
 HVAC Building improvements at 333 for aging equipment.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	10,000	10,000									20,000
Total	10,000	10,000									20,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other	10,000	10,000									20,000
Total	10,000	10,000									20,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-EN-007
Project Name Security Cameras at 333 Lincoln Highway



Type Maintenance **Department** Engineering
Category Buildings **Contact** City Engineer: Sam Tesreau

Total Project Cost: \$7,000

Description
 Replace existing security cameras for coverage at customer service counter, entrances and outside areas at 333 Lincoln Highway.

Justification
 Updating security cameras at 333 Building for outdated and aging equipment.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	7,000										7,000
Total	7,000										7,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other	7,000										7,000
Total	7,000										7,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-EN-008
Project Name Steward Road Widening



Type Capital Improvement **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau

Total Project Cost: \$55,000

Description

Steward Road widening project.

Justification

Remianing expenses related to Steward Road widening along Loves Lots 1& 2 of Steward Road commercial subdivision.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	55,000										55,000
Total	55,000										55,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Transfer from another fund	55,000										55,000
Total	55,000										55,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-EN-009
Project Name Building Security at 333 Lincoln Highway



Type Maintenance **Department** Engineering
Category Buildings **Contact** City Engineer: Sam Tesreau

Total Project Cost: \$35,000

Description
 Building security improvements at 333 Lincoln Highway. Install bullet-proof glass and walls in the customer service area.

Justification
 Updating building security at 333 Building for front lobby public area.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	35,000										35,000
Total	35,000										35,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other	35,000										35,000
Total	35,000										35,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 21-EN-002
Project Name Roof Replacement at 333 Lincoln Highway

Type Maintenance **Department** Engineering
Category Buildings **Contact** City Engineer: Sam Tesreau



Total Project Cost: \$80,000

Description

Replace the RMU administration building with a new roof

Justification

The current roof is over 20 years old and had two leaks which were patched in 2018. Shingles have also reached their expected lifespan

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance		80,000									80,000
Total		80,000									80,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other		80,000									80,000
Total		80,000									80,000

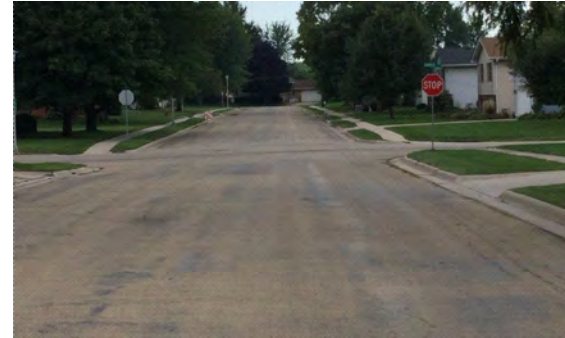
Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 21-EN-003
Project Name 14th Street Drainage Improvements/Street Restore

Type Capital Improvement **Department** Engineering
Category Unassigned **Contact** City Engineer: Sam Tesreau



Total Project Cost: \$430,000

Description

Reconstruct existing mainline storm sewers from near Carrie Avenue south to Squires Landing Way and other associated tributary areas

Justification

Deteriorating and undersized storm sewers and drainage system infrastructure

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.		50,000									50,000
Construction/Maintenance			380,000								380,000
Total		50,000	380,000								430,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other		50,000	380,000								430,000
Total		50,000	380,000								430,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 23-EN-001
Project Name Dement Road Extension to Wiscold Drive



Type Capital Improvement **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau

Total Project Cost: \$7,750,000

Description

Widening and rebuilding of Dement Road (south of Creston Road) to accommodate future industrial development. This arterial road will provide connection between Creston Road and Wiscold Drive.

Justification

New roadway infrastructure to accommodate future perimeter arterial roadway.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.				50,000	500,000						550,000
Land Acquisition				200,000							200,000
Construction/Maintenance						7,000,000					7,000,000
Total				250,000	500,000	7,000,000					7,750,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
General Fund					500,000	5,250,000					5,750,000
Transfer from another fund				250,000		1,750,000					2,000,000
Total				250,000	500,000	7,000,000					7,750,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 24-EN-001
Project Name Upgrade Steward Road From County Line to Elva Road



Type Capital Improvement **Department** Engineering
Category Infrastructure **Contact** City Engineer: Sam Tesreau

Total Project Cost: \$3,800,000

Description

Widen and upgrade Steward Road from Lee County line to Elva Road to accommodate future traffic needs and industrial growth. This route is under Lee County jurisdiction.

Justification

New roadway infrastructure to accommodate future perimeter arterial roadway.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.					300,000						300,000
Construction/Maintenance						3,500,000					3,500,000
Total					300,000	3,500,000					3,800,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
General Fund					300,000	875,000					1,175,000
Grant						1,750,000					1,750,000
Other						875,000					875,000
Total					300,000	3,500,000					3,800,000

FIRE DEPARTMENT
2020 – 2029
CAPITAL IMPROVEMENT PLAN



City of Rochelle, Illinois
Capital Improvement Plan
 2020 thru 2029

PROJECTS BY DEPARTMENT

Department	#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Fire Department												
Training Facility	19-FD-002		500,000									500,000
Rescue Engine (to Replace 1995 Alexis)	19-FD-003	50,000										50,000
Ambulance (to Replace 2001 Ford/MedTec)	19-FD-005	200,000										200,000
Ambulance (to Replace 2010 Ford/MedTec)	19-FD-006		200,000									200,000
Cardiac Monitor/Defibrillator Replacements	19-FD-007	40,000	30,000									70,000
Ladder Truck	19-FD-008									2,500,000		2,500,000
Command Vehicle 2 (To replace 2004 Chevy Tahoe)	19-FD-009		42,000									42,000
Second Station	19-FD-010										10,000,000	10,000,000
Fire Department Total		290,000	772,000								12,500,000	13,562,000
GRAND TOTAL		290,000	772,000								12,500,000	13,562,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-FD-002
Project Name Training Facility



Type Capital Improvement **Department** Fire Department
Category Other **Contact** Fire Chief: Dave Sawlsvile

Total Project Cost: \$500,000

Description

Build training facility for Rochelle and Ogle-Lee Firefighters

Justification

Currently, the fire department utilizes the back parking lot and occasionally donated properties for training

Live fire training is essential to the health and safety of your department and your community. Currently firefighters go outside the area to other communities for training. This facility would allow firefighters to complete realistic training evolutions to better prepare them real world responses. We currently have 13 FT firefighters and an average of 25 volunteers. In addition the Ogle-Lee Fire Protection District has 60 Firefighters and has expressed interest in partnering with this project.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance		500,000									500,000
Total		500,000									500,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other		500,000									500,000
Total		500,000									500,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-FD-003
Project Name Rescue Engine (to Replace 1995 Alexis)



Type Equipment **Department** Fire Department
Category Vehicles **Contact** Fire Chief: Dave Sawlsvile

Total Project Cost: \$600,000

Description

This project is to replace the 1995 Alexis Rescue Engine.

Justification

This Rescue Engine is to replace the 1995 Alexis Rescue Engine. By the time this engine is replaced it will be nearly 30 years old. It does not meet modern safety standards and has several mechanical issues that would be expensive to repair including to the engine, the transmission, and the suspension.

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
550,000	Equip/Vehicles/Furnishings	50,000										50,000
Total	Total	50,000										50,000

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
550,000	Other	50,000										50,000
Total	Total	50,000										50,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-FD-005
Project Name Ambulance (to Replace 2001 Ford/MedTec)



Type Equipment **Department** Fire Department
Category Vehicles **Contact** Fire Chief: Dave Sawlsvile

Total Project Cost: \$200,000

Description

Replace Ambulance 1F24 (2001 Ford/MedTec)

Justification

By the time this ambulance is replaced, 1F24 will be 20 years old. It currently doesn't meet many of the modern safety regulations for ambulance.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	200,000										200,000
Total	200,000										200,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other	200,000										200,000
Total	200,000										200,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-FD-006
Project Name Ambulance (to Replace 2010 Ford/MedTec)



Type Equipment **Department** Fire Department
Category Vehicles **Contact** Fire Chief: Dave Sawlsvile

Total Project Cost: \$200,000

Description

Replace Ambulance 1F21 (2010 Ford/MedTec)

Justification

By the time this ambulance is replaced, 1F21 will be 12 years old and will be approaching 90,000 miles of service.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings		200,000									200,000
Total		200,000									200,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other		200,000									200,000
Total		200,000									200,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-FD-007
Project Name Cardiac Monitor/Defibrillator Replacements



Type Equipment **Department** Fire Department
Category Equipment **Contact** Fire Chief: Dave Sawlsvile

Total Project Cost: \$105,000

Description
 Replace three cardiac monitors/defibrillators in each of the three ambulances.

Justification
 In 2018, we replaced a 12-Lead Lifepak 12 Cardiac Monitor which was inoperable and was unable to be repaired because of its age. The replacement, a Zoll x-Series 12-Lead Cardiac Monitor/Defibrillator was put into service in August of 2018, with a \$5,000 payment in 2018 and a \$30,000 payoff in 2019.
 In 2019/2020, we propose replacing the oldest monitor, a 15 year old 3-lead Cardiac Monitor, with the same Zoll x-Series Cardiac Monitor with a \$5,000 payment in 2019 and a \$30,000 payoff in 2020. In 2020/2021 we propose replacing the final monitor, a 10 year old 12-lead Cardiac Monitor, with the same Zoll x-Series Cardiac Monitor with a \$5,000 payment in 2020 and a \$30,000 payoff in 2021.

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
35,000	Equip/Vehicles/Furnishings	40,000	30,000									70,000
Total	Total	40,000	30,000									70,000

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
35,000	Other	40,000	30,000									70,000
Total	Total	40,000	30,000									70,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-FD-008
Project Name Ladder Truck



Type Unassigned **Department** Fire Department
Category Vehicles **Contact** Fire Chief: Dave Sawlsvile

Total Project Cost: \$2,500,000

Description

This purchase is to replace the 2000 Alexis Ladder Truck. The useful life of a ladder truck is 30 years.

Justification

In 2030, the current year 2000 ladder truck will be 30 years old, the very end of the recommended useful life for ladder trucks. Ladder trucks are essential equipment for multistory building fire and rescue. Ladder trucks older than 30 years would have a detrimental effect on the City's ISO score.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings										2,500,000	2,500,000
Total										2,500,000	2,500,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other										2,500,000	2,500,000
Total										2,500,000	2,500,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-FD-009
Project Name Command Vehicle 2 (To replace 2004 Chevy Tahoe)

Type Equipment **Department** Fire Department
Category Vehicles **Contact** Fire Chief: Dave Sawlsvile



Total Project Cost: \$42,000

Description

Chevy Tahoe Command Vehicle 2 (To replace 2004 Chevy Tahoe)

Justification

This vehicle is in poor condition, 15 years old with significant rust, several systemic electrical issues, and has required significant maintenance to keep running. This vehicle is our primary class transportation vehicle and is also a backup response vehicle.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings		42,000									42,000
Total		42,000									42,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other		42,000									42,000
Total		42,000									42,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	19-FD-010
Project Name	Second Station



Type Unassigned **Department** Fire Department
Category Buildings **Contact** Fire Chief: Dave Sawlsvile

Total Project Cost: \$10,000,000

Description

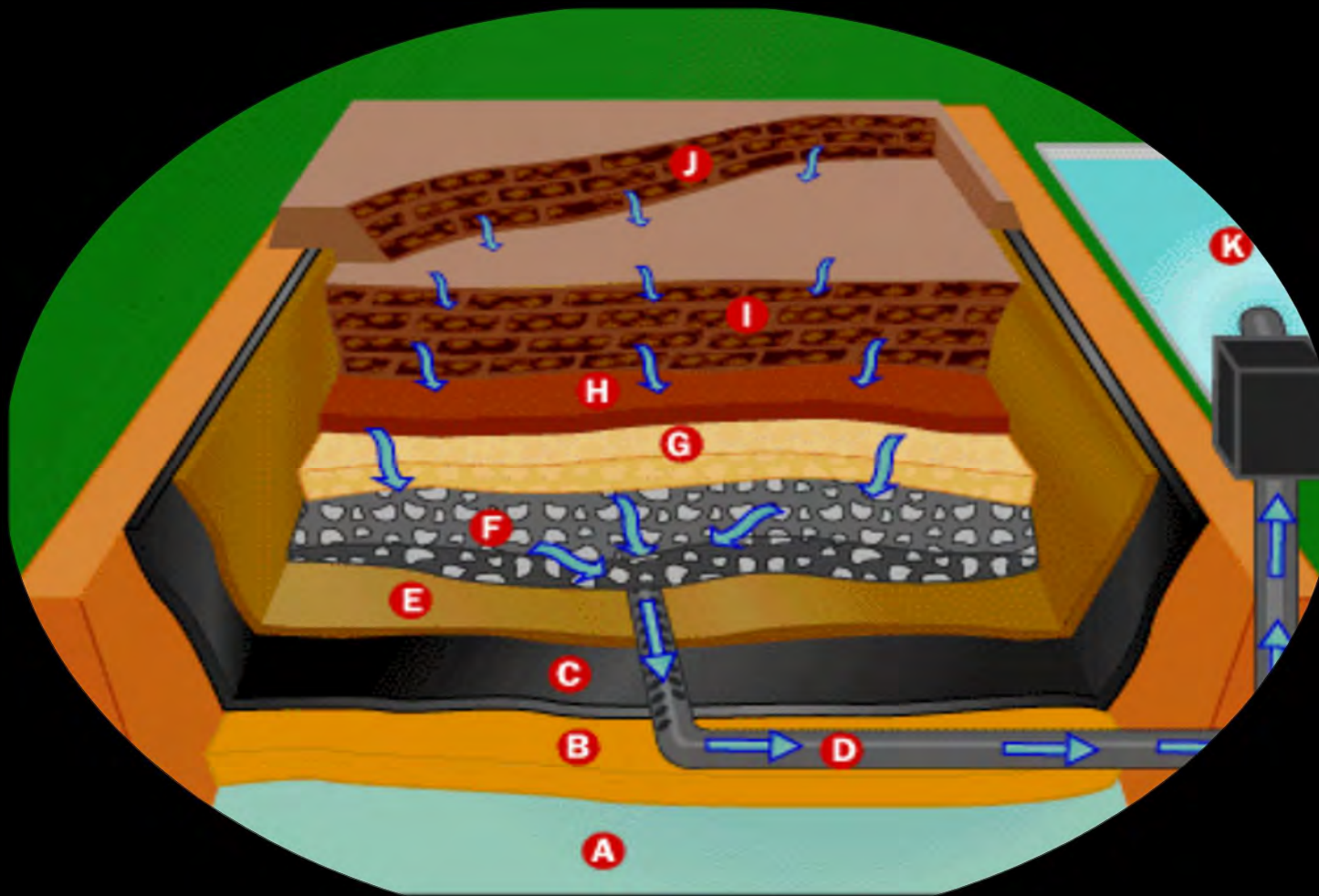
The project proposes the construction of an additional fire station within the City of Rochelle.

Justification

This project would provide the following benefits:
 -Improved response within the municipality in its current state.
 -Improved response within the municipality including additional development.
 -Housing of additional Fire Department staff.
 -Housing of additional Fire Department apparatus/ equipment.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance										10,000,000	10,000,000
Total										10,000,000	10,000,000
Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other										10,000,000	10,000,000
Total										10,000,000	10,000,000

LANDFILL/SOLID WASTE 2020 – 2029 CAPITAL IMPROVEMENT PLAN



City of Rochelle, Illinois
Capital Improvement Plan
 2020 thru 2029

PROJECTS BY DEPARTMENT

Department	#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Landfill/Solid Waste												
Mulford Rd Improvements	19-LF-001	900,000										900,000
Vehicles / Semi Tractor & Trailers	19-LF-002	60,000										60,000
Landfill/Solid Waste Total		960,000										960,000
GRAND TOTAL		960,000										960,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	19-LF-001
Project Name	Mulford Rd Improvements

Type Capital Improvement **Department** Landfill/Solid Waste
Category Infrastructure **Contact** Streets Superintendent: Tim Isley



Total Project Cost: \$900,000

Description

Mulford Rd Improvements. In 2008, The City Council approved certain amendments to the Restated Host Agreement, including an amendment to section 3.12, consisting of a new section 3.12(c), which provided that the operator would complete construction improvements to Mulford Road in two stages. Stage 1, from Route 38 to the existing entrance. Stage 2, from the existing landfill entrance to Creston Road. Stage 1 was completed in 2013. Stage 2, shall be completed not later than the date on which the new entrance to the expanded landfill is required to be completed as stated in sitting condition 16. An amendment to the Restated Host Agreement was passed by City Council on June 25, 2018 allowing the Operator to complete the Mulford Road construction improvements one year from the date, due to the intended relocation of the existing entrance to a point farther south. 10/28/2019 City Council authorized an ordinance approving third amendment to restated host agreement for the operation and development of Rochelle Municipal Landfill #2 (Mulford Road Construction) Completion of the Mulford Road improvements shall be extended to July 31, 2020 and the full amount of the estimated construction costs which is estimated to be \$1,773,493.43, less the City's contribution of \$886,746.71, be placed into an escrow account no later than January 31, 2020.

Justification

In 2008, City Council approved certain amendments to the Restated Host Agreement, including an amendment to section 3.12, consisting of a new section 3.12c (Mulford Road Improvements) Landfill sitting condition 33

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	900,000										900,000
Total	900,000										900,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other	900,000										900,000
Total	900,000										900,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-LF-002
Project Name Vehicles / Semi Tractor & Trailers



Type Equipment **Department** Landfill/Solid Waste
Category Vehicles **Contact** Streets Superintendent: Tim Isley

Total Project Cost: \$60,000

Description

Purchase one used semi tractor and two used semi trailers from auction. One lowboy trailer to move equipment and materials to and from job sites as needed. One dump trailer used to haul spoil from construction sites to landfill. Transport landscape waste, such as, brush and leaves to processing yard. Haul mulch from processing yard to Street Department Yard for Rochelle Residents. Transport E-waste from City electronic collection events to recycling facility.

Justification

The addition of this tractor and trailers will allow us to transport equipment and materials more efficiently and safely. This will also increase productivity with larger payloads, and avoid any unnecessary delays due to scheduling conflicts.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	60,000										60,000
Total	60,000										60,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
General Fund	60,000										60,000
Total	60,000										60,000

MUNICIPAL BUILDING
2020 – 2029
CAPITAL IMPROVEMENT PLAN



City of Rochelle, Illinois
Capital Improvement Plan
 2020 thru 2029

PROJECTS BY DEPARTMENT

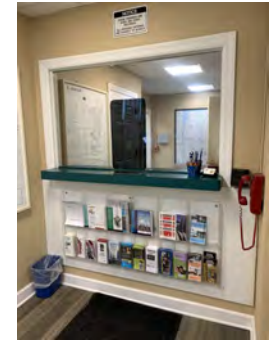
Department	#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Municipal Building												
Dispatch Security Improvements	19-MB 014		30,000									30,000
LED Sign	19-MB-002	30,000										30,000
City Hall Kitchen	19-MB-004	10,000										10,000
Auto Entrance Doors	19-MB-011	50,000										50,000
Municipal Building Total		90,000	30,000									120,000
GRAND TOTAL		90,000	30,000									120,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-MB 014
Project Name Dispatch Security Improvements



Type Capital Improvement **Department** Municipal Building
Category Buildings **Contact** City Clerk: Sue Messer

Total Project Cost: \$30,000

Description
 Install bullet resistant glass and walls, lower counter for better visibility for staff and public.

Justification
 Upgrade safety

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance		30,000									30,000
Total		30,000									30,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
General Fund		30,000									30,000
Total		30,000									30,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	19-MB-002
Project Name	LED Sign



Type Capital Improvement **Department** Municipal Building
Category Unassigned **Contact** City Manager: Jeffrey Fiegenschuh

Total Project Cost: \$30,000

Description
Purchase and install LED sign along IL 251

Justification
No sign exists

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other	30,000										30,000
Total	30,000										30,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other	30,000										30,000
Total	30,000										30,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	19-MB-004
Project Name	City Hall Kitchen



Type Capital Improvement **Department** Municipal Building
Category Buildings **Contact** City Manager: Jeffrey Fiegenschuh

Total Project Cost: \$10,000

Description
 Install full kitchen adjacent to conference center

Justification
 Currently limited countertop, bar size sink and refrigerator exist. Without a stove, it is difficult to prepare any food and the bar size sink makes cleanup a problem.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	10,000										10,000
Total	10,000										10,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other	10,000										10,000
Total	10,000										10,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-MB-011
Project Name Auto Entrance Doors



Type Capital Improvement **Department** Municipal Building
Category Buildings **Contact** City Manager: Jeffrey Fiegenschuh

Total Project Cost: \$50,000

Description
 Install automatic doors, bollard or button to open doors at city hall and police entrances

Justification
 Entrances are not handicap accessible

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	50,000										50,000
Total	50,000										50,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other	50,000										50,000
Total	50,000										50,000

NETWORK ADMINISTRATION
2020 – 2029
CAPITAL IMPROVEMENT PLAN



City of Rochelle, Illinois
Capital Improvement Plan
 2020 thru 2029

PROJECTS BY DEPARTMENT

Department	#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Network Administration												
AV Equipment	19-NA-001	70,000										70,000
Switches, Router, etc	19-NA-002	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
Servers	19-NA-003	10,000					10,000					20,000
Fiber Improvements to the Network	19-NA-004	30,000	30,000	30,000		30,000						120,000
Network Administration Total		120,000	40,000	40,000	10,000	40,000	20,000	10,000	10,000	10,000	10,000	310,000
GRAND TOTAL		120,000	40,000	40,000	10,000	40,000	20,000	10,000	10,000	10,000	10,000	310,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-NA-001
Project Name AV Equipment



Type Equipment **Department** Network Administration
Category Equipment **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$70,000

Description

Upgrade existing AV systems in Crisis Management Room, and Situation Room.

Justification

Existing hardware does not allow for connecting newer laptops and devices due to changes in technology since the systems were installed 10+ years ago. We were also informed that we are unable to get parts for some existing end-of-life hardware when we had them come onsite to replace a bulb in the projector.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	70,000										70,000
Total	70,000										70,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other	70,000										70,000
Total	70,000										70,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	19-NA-002
Project Name	Switches, Router, etc



Type Equipment **Department** Network Administration
Category Equipment **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$110,000

Description
Purchase equipment for the city's side to help improve security issues

Justification
The external security audit done by AESI recommended changes to the network configuration to segment city data, SCADA, and customers to enhance security. The dollar amount is carried forward, as we will be replacing and refining the network based upon changing needs going forward.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
Equip/Vehicles/Furnishings	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000	10,000
Total	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000	Total

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
Other	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000	10,000
Total	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000	Total

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	19-NA-003
Project Name	Servers



Type Equipment **Department** Network Administration
Category Equipment **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$30,000

Description
 Servers to replace old servers that are no longer supported.

Justification
 We need to replace servers that are end-of-life from both a hardware and software standpoint. Servers will be used for specific applications that do not allow for their information to be stored on the cloud, like the Engineering department and surveillance systems.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
Equip/Vehicles/Furnishings	10,000					10,000					20,000	10,000
Total	10,000					10,000					20,000	Total

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
Enterprise Fund	10,000					10,000					20,000	10,000
Total	10,000					10,000					20,000	Total

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-NA-004
Project Name Fiber Improvements to the Network



Type Capital Improvement **Department** Network Administration
Category Infrastructure **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$150,000

Description

Fiber improvements to the network

Justification

This money is to be set aside for expansion of service and/or upgrades to the existing fiber optic network that runs throughout the city.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
Planning/Design Eng.	30,000	30,000	30,000		30,000						120,000	30,000
Total	30,000	30,000	30,000		30,000						120,000	Total

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
Other	30,000	30,000	30,000		30,000						120,000	30,000
Total	30,000	30,000	30,000		30,000						120,000	Total

POLICE DEPARTMENT
2020 – 2029
CAPITAL IMPROVEMENT PLAN



City of Rochelle, Illinois
Capital Improvement Plan
 2020 thru 2029

PROJECTS BY DEPARTMENT

Department	#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Police Department												
Software	19-PD-0002	52,452										52,452
Squad Replacement	19-PD-001		70,702	70,702	82,490	94,270	82,490	70,702	82,490	70,702	70,702	695,250
Police Department Total		52,452	70,702	70,702	82,490	94,270	82,490	70,702	82,490	70,702	70,702	747,702
GRAND TOTAL		52,452	70,702	70,702	82,490	94,270	82,490	70,702	82,490	70,702	70,702	747,702

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-PD-0002
Project Name Software

Type Unassigned **Department** Police Department
Category Equipment **Contact** Police Chief: Eric Higby



Total Project Cost: \$52,452

Description

Central Square Technologies provides a high level public sector software for public safety, 911, dispatch, records, mobile, and jail.

Justification

Updated, user-friendly software for the officers and dispatchers is necessary to keep the amount of time dispatching calls and writing reports to a minimum. Laptops in patrol vehicles will also be equipped with this software to allow for faster turnaround from calls.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	52,452										52,452
Total	52,452										52,452

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash	52,452										52,452
Total	52,452										52,452

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-PD-001
Project Name Squad Replacement



Type Equipment **Department** Police Department
Category Unassigned **Contact** Police Chief: Eric Higby

Total Project Cost: \$757,044

Description

Squad Replacement

Justification

Need for new vehicles, Each squad has a different condition.

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
61,794	Equip/Vehicles/Furnishings		70,702	70,702	82,490	94,270	82,490	70,702	82,490	70,702	70,702	695,250
Total	Total		70,702	70,702	82,490	94,270	82,490	70,702	82,490	70,702	70,702	695,250

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
61,794	Other		70,702	70,702	82,490	94,270	82,490	70,702	82,490	70,702	70,702	695,250
Total	Total		70,702	70,702	82,490	94,270	82,490	70,702	82,490	70,702	70,702	695,250

RAILROAD
2020 – 2029
CAPITAL IMPROVEMENT PLAN



City of Rochelle, Illinois
Capital Improvement Plan
 2020 thru 2029

PROJECTS BY DEPARTMENT

Department	#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Railroad												
Rochelle Transload Center Expansion	19-RR-004			100,000	2,000,000							2,100,000
North of Creston Rd Along UP Main	19-RR-005							400,000				400,000
South Along the BNSF Main	19-RR-006	540,000	420,000									960,000
CIR Expansion Along I-39	20-RR-001		2,000,000	500,000	8,000,000							10,500,000
CIR Expansion Block Switching Yard	20-RR-002		500,000	7,500,000								8,000,000
Extension of CHS Yard Track South	20-RR-003					100,000	4,000,000					4,100,000
Installation of New Interchange Between UP and CIR	20-RR-004							300,000	250,000	8,000,000		8,550,000
CIR Intermodal Facility	20-RR-005				1,500,000	7,000,000						8,500,000
Railroad Total		540,000	2,920,000	8,100,000	11,500,000	7,100,000	4,000,000	700,000	250,000	8,000,000		43,110,000
GRAND TOTAL		540,000	2,920,000	8,100,000	11,500,000	7,100,000	4,000,000	700,000	250,000	8,000,000		43,110,000

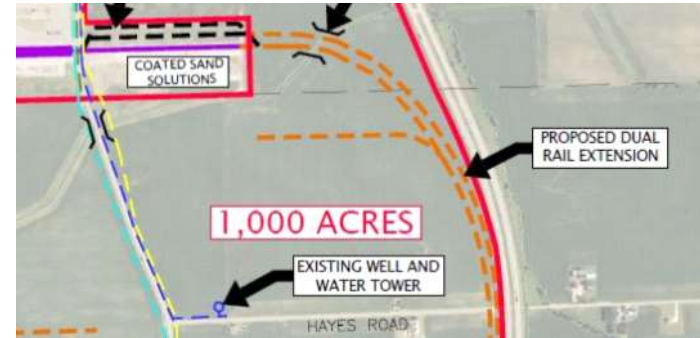
Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-RR-004
Project Name Rochelle Transload Center Expansion

Type Capital Improvement **Department** Railroad
Category Infrastructure **Contact** Economic Development Director: Jason Anderson



Total Project Cost: \$2,100,000

Description

Construction of Approximately 3 miles of CIR track South along I-39 to the Hayes/Ravnass property line.

Justification

Able to open more land available for rail accessibility

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.			100,000								100,000
Construction/Maintenance				2,000,000							2,000,000
Total			100,000	2,000,000							2,100,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund			100,000	500,000							600,000
Grant				1,500,000							1,500,000
Total			100,000	2,000,000							2,100,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-RR-005
Project Name North of Creston Rd Along UP Main



Type Capital Improvement **Department** Railroad
Category Infrastructure **Contact** Economic Development Director: Jason Anderson

Total Project Cost: \$400,000

Description

Purchase of rail ROW for a new Union Pacific and CIR interchange. Approximately 20 acres south of UP main between Caron Rd and the Village of Creston.

Justification

Existing UP interchange has limited capacity and growing number of rail car being interchange is blocking multiple at-grade crossings.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Land Acquisition							400,000				400,000
Total							400,000				400,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund							400,000				400,000
Total							400,000				400,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-RR-006
Project Name South Along the BNSF Main



Type Capital Improvement **Department** Railroad
Category Infrastructure **Contact** Economic Development Director: Jason Anderson

Total Project Cost: \$960,000

Description

Purchase of rail ROW for a new BNSF and CIR interchange. Purchase of approximately 18 acres from GREDCO's ROW and 14 acres farm land in 2022. The second half will be purchased in 2021 1-mile along strip. The BNSF main to the south

Justification

Existing BNSF interchange has limited capacity and due to the growing number of rail car being interchange is blocking multiple at-grade crossings.
 Expand interchange to improve efficiency and safety while increasing the interchange capacity

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Land Acquisition	540,000	420,000									960,000
Total	540,000	420,000									960,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund		420,000									420,000
Loan	540,000										540,000
Total	540,000	420,000									960,000

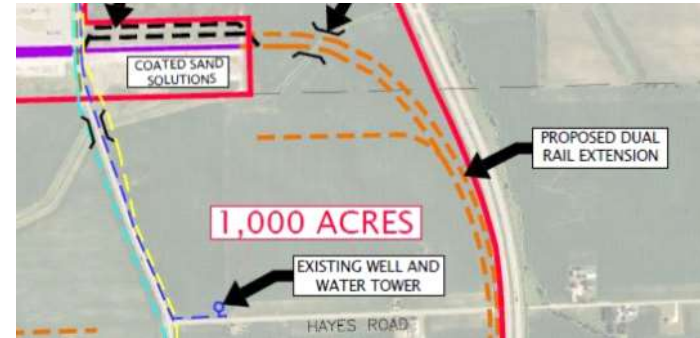
Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-RR-001
Project Name CIR Expansion Along I-39

Type Capital Improvement **Department** Railroad
Category Infrastructure **Contact** Economic Development Director: Jason Anderson



Total Project Cost: \$10,880,000

Description
 Land acquisition along I-39 for expansion of City Industrial Rail (CIR)

Justification
 Creating rail access to over 600 acres between I-39 and Steward Road.

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
380,000	Land Acquisition			500,000								500,000
Total	Construction/Maintenance		2,000,000		8,000,000							10,000,000
	Total		2,000,000	500,000	8,000,000							10,500,000

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
380,000	Enterprise Fund		1,000,000		1,500,000							2,500,000
Total	Grant		1,500,000		6,500,000							8,000,000
	Total		2,500,000		8,000,000							10,500,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	20-RR-002
Project Name	CIR Expansion Block Switching Yard



Type Unassigned **Department** Railroad
Category Infrastructure **Contact** Economic Development Director: Jason Anderson

Total Project Cost: \$8,000,000

Description
 Three-track extension to Elva Road for future BNSF Interchange.

Justification
 The expansion to connect the CIR to a new BHSF Interchange and it is the project that will give us the capacity to add an intermodal operation to the CIR.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.		500,000									500,000
Construction/Maintenance			7,500,000								7,500,000
Total		500,000	7,500,000								8,000,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund		500,000									500,000
Loan			6,500,000								6,500,000
Other			1,000,000								1,000,000
Total		500,000	7,500,000								8,000,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-RR-003
Project Name Extension of CHS Yard Track South



Type Capital Improvement **Department** Railroad
Category Infrastructure **Contact** Economic Development Director: Jason Anderson

Total Project Cost: \$4,100,000

Description

Track extension in CHS Yard extending over rail bridge to Elva Road.

Justification

The fourth track to be built across the Johns Creek Bridge that will further expand the CIR capacity south to Elva Road. It completes an inbound and outbound track across Steward Road.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.					100,000						100,000
Construction/Maintenance						4,000,000					4,000,000
Total					100,000	4,000,000					4,100,000

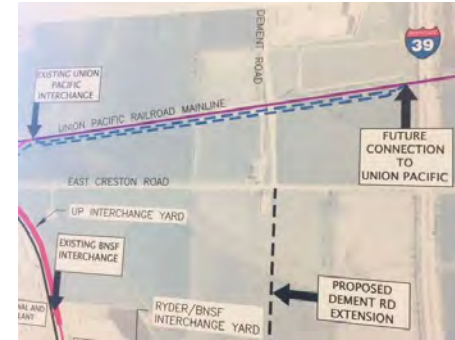
Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund					100,000	1,000,000					1,100,000
Grant						3,000,000					3,000,000
Total					100,000	4,000,000					4,100,000

Capital Improvement Plan
City of Rochelle, Illinois

2020 *thru* 2029

Project # 20-RR-004
Project Name Installation of New Interchange Between UP and CIR

Type Capital Improvement **Department** Railroad
Category Infrastructure **Contact** Economic Development Director: Jason Anderson



Total Project Cost: \$8,550,000

Description

Double track interchange connecting two new Union Pacific switches west of I-39 and west of Caron Road.

Justification

Increased volume of rail cars interchanging between the UP and CIR will require additional track to handle longer trains for interchange.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.								250,000			250,000
Land Acquisition							300,000				300,000
Construction/Maintenance									8,000,000		8,000,000
Total							300,000	250,000	8,000,000		8,550,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund							300,000	250,000	1,000,000		1,550,000
Grant									4,000,000		4,000,000
Other									3,000,000		3,000,000
Total							300,000	250,000	8,000,000		8,550,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	20-RR-005
Project Name	CIR Intermodal Facility



Type Capital Improvement **Department** Railroad
Category Infrastructure **Contact** Economic Development Director: Jason Anderson

Total Project Cost: \$8,500,000

Description
 Expansion of track and rail yard development north of new BNSF Interchange.

Justification
 Due to the closing of Global III, industries on and near the CIA need intermodal service as we expand the CIR capacity, intermodal service could be introduced.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.				500,000							500,000
Land Acquisition				1,000,000							1,000,000
Construction/Maintenance					7,000,000						7,000,000
Total				1,500,000	7,000,000						8,500,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund				500,000	1,000,000						1,500,000
Loan				1,000,000							1,000,000
Grant					6,000,000						6,000,000
Total				1,500,000	7,000,000						8,500,000

STREET DEPARTMENT
2020 – 2029
CAPITAL IMPROVEMENT PLAN



City of Rochelle, Illinois
Capital Improvement Plan
 2020 thru 2029

PROJECTS BY DEPARTMENT

Department	#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Streets												
Vehicle / Single Axle Dump Truck	19-SD-001	86,802	86,802	86,802	100,000	90,000	90,000	90,000	105,000	95,000	95,000	925,406
Other Improvements/Sidewalk Displacement Removals	19-SD-002	20,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	245,000
Other Improvements / Forestry	19-SD-003	10,000	10,000	10,000	10,000	10,000	10,000					60,000
Vehicle/Pickup Truck	20-SD-007	28,000	32,500	65,140	46,500	46,500	41,000	37,500	37,500	37,500	37,500	409,640
Vehicle/Compact Track Loader	20-SD-008	80,450		45,000								125,450
Equipment / Hot Patch Trailer	20-SD-09	75,500										75,500
Utility Tractor/Mower	20-SD-12	27,900										27,900
Equipment / Ground Speed Controller	21-SD-006		16,000	16,000								32,000
Municipal Parking Lot Improvements	21-SD-009		10,000		10,000		10,000		10,000		10,000	50,000
Traffic Signal Improvements	21-SD-011		55,000									55,000
Equipment / Traffic Marking Machine	22-SD-004			26,000								26,000
Salt Brine Production System	23-SD-012				50,000							50,000
Streets Total		328,652	235,302	273,942	241,500	171,500	176,000	152,500	177,500	157,500	167,500	2,081,896
GRAND TOTAL		328,652	235,302	273,942	241,500	171,500	176,000	152,500	177,500	157,500	167,500	2,081,896

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-SD-001
Project Name Vehicle / Single Axle Dump Truck



Type Equipment **Department** Streets
Category Vehicles **Contact** Streets Superintendent: Tim Isley

Total Project Cost: \$1,115,406

Description

Purchase two new single axle cab & chassis trucks, equipped with a stainless steel hydraulic dump body's. Trucks shall be equipped with front and wing plows, salt spreader, pre-wet system and ground speed controls. Trucks shall also have LED strobe lights, electric tarp, air tailgate latches and a dump body vibrator. The goal is to have these trucks on a 16 year rotation and having a reputable truck with a stainless steel body will provide maximum returns at the end of the 16 year cycle.

Justification

Dump trucks are used daily in Street Department operations. These trucks are used in many different areas of work such as, hauling construction spoils, hot mix asphalt, cold patch, street sweeping, brush, leaves, and snow. Each truck is equipped with snow plows and salt spreaders for snow and ice operations.
 Project Goals: STR-9, STR-2

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
95,000	Equip/Vehicles/Furnishings	86,802	86,802	86,802	100,000	90,000	90,000	90,000	105,000	95,000	95,000	925,406	95,000
Total	Total	86,802	86,802	86,802	100,000	90,000	90,000	90,000	105,000	95,000	95,000	925,406	Total

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
95,000	General Fund	86,802	86,802	86,802	100,000	90,000	90,000	90,000	105,000	95,000	95,000	925,406	95,000
Total	Total	86,802	86,802	86,802	100,000	90,000	90,000	90,000	105,000	95,000	95,000	925,406	Total

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	19-SD-002
Project Name	Other Improvements/Sidewalk Displacement Removals



Type Maintenance **Department** Streets
Category Infrastructure **Contact** Streets Superintendent: Tim Isley

Total Project Cost: \$290,000

Description

Sidewalks will be inspected for vertical displacements or trip hazards. Once identified, Displacements will be mapped out and cut, returning sidewalks to ADA compliance. Areas that may be beyond repair will be replaced in accordance with ADA standards.

Justification

Overall sidewalks are in fair condition with occasional displacements and base failures that lead to broken and uneven slabs. These areas will be identified, mapped and removed in accordance with ADA standards, improving safety for the general public.

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
20,000	Construction/Maintenance	20,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	245,000	25,000
Total	Total	20,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	245,000	Total

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
20,000	General Fund	20,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	245,000	25,000
Total	Total	20,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	245,000	Total

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	19-SD-003
Project Name	Other Improvements / Forestry



Type Maintenance **Department** Streets
Category Other **Contact** Streets Superintendent: Tim Isley

Total Project Cost: \$70,000

Description

Inventory, inspect, perform risk assessments and provide maintenance to all City owned trees. Also purchase and plant new and replacement trees to improve Rochelle's overall canopy.

Justification

Trees help form the character of a community and provide many benefits. Trees improve property values, reduce cooling costs, clean the air, produce oxygen, to name a few. Studies show trees can improve health, lower anxiety and produce social neighborhoods.

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
10,000	Other	10,000	10,000	10,000	10,000	10,000	10,000					60,000
Total	Total	10,000	10,000	10,000	10,000	10,000	10,000					60,000

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
10,000	General Fund	10,000	10,000	10,000	10,000	10,000	10,000					60,000
Total	Total	10,000	10,000	10,000	10,000	10,000	10,000					60,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-SD-007
Project Name Vehicle/Pickup Truck



Type Equipment **Department** Streets
Category Vehicles **Contact** Streets Superintendent: Tim Isley

Total Project Cost: \$447,140

Description

Public Works light duty vehicle fleet ranges from 2 Ton dump trucks, down to 1/2 ton pickup Trucks. Additional equipment varies on each truck. This equipment can consist of Hydraulic and electric hoists. Snow plows and spreaders. Tailgate lifts, dump bodies and dump bodies with fold down sides.

Justification

These vehicles are used on a daily basis and are necessary in transporting labor, equipment and materials to and from work sites. Benefits of new vehicles will be increased fuel mileage, less vehicle repair expense, down time, and increased reliability and safety.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
Equip/Vehicles/Furnishings	28,000	32,500	65,140	46,500	46,500	41,000	37,500	37,500	37,500	37,500	409,640	37,500
Total	28,000	32,500	65,140	46,500	46,500	41,000	37,500	37,500	37,500	37,500	409,640	Total

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
General Fund	28,000	32,500	65,140	46,500	46,500	41,000	37,500	37,500	37,500	37,500	409,640	37,500
Total	28,000	32,500	65,140	46,500	46,500	41,000	37,500	37,500	37,500	37,500	409,640	Total

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-SD-008
Project Name Vehicle/Compact Track Loader



Type Equipment **Department** Streets
Category Equipment **Contact** Streets Superintendent: Tim Isley

Total Project Cost: \$125,450

Description

Replace compact skid loader with larger compact track loader. Generally used everyday performing multiple duties.

Justification

Compact loaders are the most used and most versatile piece of equipment at the Street Department. Compact loaders are able to perform many duties by simply adding an attachment. These machines are very efficient, productive and they reduce the need of having multiple machines to complete a project.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	80,450		45,000								125,450
Total	80,450		45,000								125,450

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
General Fund	80,450		45,000								125,450
Total	80,450		45,000								125,450

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	20-SD-09
Project Name	Equipment / Hot Patch Trailer



Type Equipment **Department** Streets
Category Equipment **Contact** Streets Superintendent: Tim Isley

Total Project Cost: \$75,500

Description

Hot mastic sealant melters are used to make long lasting repairs to asphalt and concrete pavements, as well as bridge decks, manhole and in pavement utility valves covers. These machines heat and mix mastic sealant material keeping the aggregate suspended in the binder, providing an evenly mixed mastic sealant.

Justification

Hot patchers play a critical role in winter road maintenance operations and public safety. During the winter months our streets are exposed to many harsh weather conditions and go through freeze/thaw cycles which eventually lead to potholes. With hot mix asphalt plants being closed this time of year, hot applied, modified polymer asphalt can be used to repair potholes. Hot mastic sealant melting machines heat the polymer asphalt to a temperature of 380 degrees keeping the materials workable and enhancing the adhesion of the product, resulting in a more durable and longer lasting repair. This machine and product can be used year round and is designed to repair potholes, joint lines in concrete or asphalt pavements, bridge deck displacements, and manhole displacements to name a few.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	75,500										75,500
Total	75,500										75,500

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
General Fund	75,500										75,500
Total	75,500										75,500

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	20-SD-12
Project Name	Utility Tractor/Mower



Type Equipment **Department** Streets
Category Equipment **Contact** Streets Superintendent: Tim Isley

Total Project Cost: \$27,900

Description

Utility tractors are mid size tractors equipped with four wheel drive, hydraulic functions and power take off. Utility tractors are used for many different functions such as mowing, moving materials pulling and pushing equipment and attachments.

Justification

Utility tractors serve many functions in City operations. The main function of utility tractors is mowing right of ways and large open spaces with a PTO driven batwing mower or 3 point mower. These tractors are also used for snowplowing, loading materials such as rock or dirt with the front loader bucket, moving pallets with a fork attachment, and pushing snow using a push box attachment just to name a few.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	27,900										27,900
Total	27,900										27,900

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
General Fund	27,900										27,900
Total	27,900										27,900

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 21-SD-006
Project Name Equipment / Ground Speed Controller

Type Equipment **Department** Streets
Category Unassigned **Contact** Streets Superintendent: Tim Isley



Total Project Cost: \$32,000

Description

Ground speed controllers are used during winter operations to control the amount of salt being applied to the pavement.

Justification

The ground speed controller would replace our manual twist dial controller currently being used. This new control will be able to adjust application rates with vehicle speeds and will automatically shut off when the vehicle is stopped. This controller will allow operators to have much greater control of application rates, resulting in reduced salt usage, expense and environmental impacts

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings		16,000	16,000								32,000
Total		16,000	16,000								32,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
General Fund		16,000	16,000								32,000
Total		16,000	16,000								32,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 21-SD-009
Project Name Municipal Parking Lot Improvements



Type Capital Improvement **Department** Streets
Category Unassigned **Contact** Streets Superintendent: Tim Isley

Total Project Cost: \$50,000

Description

Municipal Parking Lot Improvements

Justification

Municipal parking lots serve several functions in the downtown area. They provide parking for downtown residents, businesses and visitors as well as providing a location to host events held by various committees in our community. It is important that these lots remain clean, maintained and marked for aesthetics proposes, functionality and safety of all Rochelle citizens and visitors.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance		10,000		10,000		10,000		10,000		10,000	50,000
Total		10,000		10,000		10,000		10,000		10,000	50,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
General Fund		10,000		10,000		10,000		10,000		10,000	50,000
Total		10,000		10,000		10,000		10,000		10,000	50,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	21-SD-011
Project Name	Traffic Signal Improvements



Type Equipment **Department** Streets
Category Unassigned **Contact** Streets Superintendent: Tim Isley

Total Project Cost: \$55,000

Description

2021 Traffic Signal Improvements at the intersection of Dement Rd and Rt. 38. Improvements include the installation of vehicle detection cameras, wiring and programming.

Justification

Failing traffic signal detection loops can cause several concerns such as extended wait times and intersection congestion. Issues such as these can lead to motorists disobeying the traffic lights and increasing the risk of vehicle accidents. The installation of traffic detection cameras would remedy the issues and concerns caused by the failing loops and would increase public safety at these intersections.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance		55,000									55,000
Total		55,000									55,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
General Fund		55,000									55,000
Total		55,000									55,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 22-SD-004
Project Name Equipment / Traffic Marking Machine



Type Equipment **Department** Streets
Category Unassigned **Contact** Streets Superintendent: Tim Isley

Total Project Cost: \$26,000

Description

Traffic Marking machines are used on all City traffic markings, over 165 lane miles of roads, 14 municipal parking lots, crosswalks, stop bars, turn arrows and so on.

Justification

Current machine is experiencing pump performance issues and overall is at the end of its expected life cycle.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings			26,000								26,000
Total			26,000								26,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
General Fund			26,000								26,000
Total			26,000								26,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	23-SD-012
Project Name	Salt Brine Production System



Type Equipment **Department** Streets
Category Unassigned **Contact** Streets Superintendent: Tim Isley

Total Project Cost: \$50,000

Description

Salt Brine Production System.

Justification

Salt brine plays an important role in winter operations. Salt brine begins to melt ice immediately as it is already in liquid form. Salt brine is used in anti-icing operations and is usually mixed with an agricultural derived product that lowers the working temperature of salt brine. Pre-wetting rock salt at the auger is another use of salt brine. This application allows the rock salt to begin melting ice faster as well as reducing the bounce and scatter of rock salt as it is being applied to the pavement.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings				50,000							50,000
Total				50,000							50,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
General Fund				50,000							50,000
Total				50,000							50,000

TECHNOLOGY CENTER
2020 – 2029
CAPITAL IMPROVEMENT PLAN



City of Rochelle, Illinois
Capital Improvement Plan
 2020 thru 2029

PROJECTS BY DEPARTMENT

Department	#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Technology Center												
Fiber Upgrade	19-TC-001	15,000	15,000	15,000		15,000		15,000		15,000		90,000
Battery Room Engineer	19-TC-002		30,000	150,000								180,000
Wireless	19-TC-003	10,000	10,000		10,000			10,000				40,000
Bandwidth	19-TC-004	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	840,000
Equipment: Switches, Routers, etc	19-TC-005	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Servers	19-TC-006	15,000	15,000		15,000		15,000					60,000
Splice Cabinet	19-TC-007	10,000										10,000
Technology Center Total		149,000	169,000	264,000	124,000	114,000	114,000	124,000	99,000	114,000	99,000	1,370,000
GRAND TOTAL		149,000	169,000	264,000	124,000	114,000	114,000	124,000	99,000	114,000	99,000	1,370,000

Capital Improvement Plan
City of Rochelle, Illinois

2020 *thru* 2029

Project # 19-TC-001
Project Name Fiber Upgrade

Type Capital Improvement **Department** Technology Center
Category Infrastructure **Contact** Electric Department Superintendent: Jason Bird



Total Project Cost: \$155,000

Description
 Replace switches and routers

Justification
 Some of the switches and Routers have been in place for several years

Prior	Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
50,000	Equip/Vehicles/Furnishings	15,000	15,000	15,000		15,000		15,000		15,000		90,000	15,000
Total	Total	15,000	15,000	15,000		15,000		15,000		15,000		90,000	Total

Prior	Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
50,000	Enterprise Fund	15,000	15,000	15,000		15,000		15,000		15,000		90,000	15,000
Total	Total	15,000	15,000	15,000		15,000		15,000		15,000		90,000	Total

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	19-TC-002
Project Name	Battery Room Engineer



Type Equipment **Department** Technology Center
Category Buildings **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$180,000

Description
Remove the battery system that has not been used

Justification
Create more room to have additional servers space

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design Eng.		30,000	150,000								180,000
Total		30,000	150,000								180,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund		30,000	150,000								180,000
Total		30,000	150,000								180,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-TC-003
Project Name Wireless



Type Unassigned **Department** Technology Center
Category Equipment **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$50,000

Description
 Purchase and installation of new wireless equipment to be place on water towers.

Justification
 Replacement of existing outdated wireless system to allow us to reach customers that are not be accessible to the fiber optic network.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
Equip/Vehicles/Furnishings	10,000	10,000		10,000			10,000				40,000	10,000
Total	10,000	10,000		10,000			10,000				40,000	Total

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
Enterprise Fund	10,000	10,000		10,000			10,000				40,000	10,000
Total	10,000	10,000		10,000			10,000				40,000	Total

Capital Improvement Plan
City of Rochelle, Illinois

2020 *thru* 2029

Project # 19-TC-004
Project Name Bandwidth

Type Unassigned **Department** Technology Center
Category Infrastructure **Contact** Electric Department Superintendent: Jason Bird



Total Project Cost: \$924,000

Description

Purchase additional internet bandwidth.

Justification

We need to purchase additional bandwidth to be able to provide faster service for customers, as we are nearing capacity for our existing amount.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
Planning/Design Eng.	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	840,000	84,000
Total	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	840,000	Total

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
Enterprise Fund	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	840,000	84,000
Total	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	840,000	Total

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 19-TC-005
Project Name Equipment: Switches, Routers, etc

Type Equipment **Department** Technology Center
Category Equipment **Contact** Electric Department Superintendent: Jason Bird



Total Project Cost: \$165,000

Description

Continue to replace old outdated equipment. Purchase equipment for the communication’s side of the network to help improve security issues and upgrade existing customer routers.

Justification

The external security audit done by AESI recommended changes to the network configuration to segment city data, SCADA, and customers to enhance security. This would include adding new switches and replacing end-of-life hardware that is currently in place. The dollar amount is carried forward, as we will be replacing and refining the network based upon changing needs going forward.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
Equip/Vehicles/Furnishings	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000	15,000
Total	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000	Total

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Future
Enterprise Fund	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000	15,000
Total	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000	Total

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	19-TC-006
Project Name	Servers



Type Equipment **Department** Technology Center
Category Equipment **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$60,000

Description
 New servers to replace old servers that are no longer supported.

Justification
 We need to replace servers that are end-of-life from both a hardware and software standpoint. Servers will be used for communications specific applications such as DNS, and the email system.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	15,000	15,000		15,000		15,000					60,000
Total	15,000	15,000		15,000		15,000					60,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund	15,000	15,000		15,000		15,000					60,000
Total	15,000	15,000		15,000		15,000					60,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	19-TC-007
Project Name	Splice Cabinet



Type Equipment **Department** Technology Center
Category Equipment **Contact** Electric Department Superintendent: Jason Bird

Total Project Cost: \$10,000

Description
 Replace old Splice cabinet at the Hospital parking lot.

Justification
 We need to replace the old splice cabinet as the existing one is not waterproof and is rusting out from exposure. Would like to look at removing the existing cabinet and replacing it with a vault with splices instead of the cross-connect patch panels.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	10,000										10,000
Total	10,000										10,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Enterprise Fund	10,000										10,000
Total	10,000										10,000

WATER DEPARTMENT
2020 – 2029
CAPITAL IMPROVEMENT PLAN



City of Rochelle, Illinois
Capital Improvement Plan
 2020 thru 2029

PROJECTS BY DEPARTMENT

Department	#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Water												
Water Maintenance	20-WA-01	155,000	175,000	175,000	175,000	175,000	175,877	180,785	185,693	190,601	195,509	1,783,465
Water Main Replacement	20-WA-02	10,000	50,000	50,000	500,000	750,000	750,000	750,000	600,000	600,000	600,000	4,660,000
Water Meter Replacement	20-WA-03	118,000	118,000	118,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	704,000
Well 12 Radium Removal Plant	20-WA-04	2,850,000										2,850,000
Arc Flash Study	20-WA-05		25,000							25,000		50,000
Skid Loader	20-WA-06	50,000										50,000
Wash Tower	20-WA-07			12,000				15,000			17,500	44,500
SCADA Upgrade	20-WA-08				35,000							35,000
Paint Tower (B & A)	20-WA-09				750,000					250,000		1,000,000
Rehab Well	20-WA-10	165,000						200,000	200,000			565,000
Inspect & Clean All Towers	20-WA-11					45,000					50,000	95,000
Well #4 Building (7th Street Overpass)	20-WA-12	1,416,000										1,416,000
Well #8 Plant or New Well	20-WA-13		2,500,000	2,500,000								5,000,000
Pilot Travelstop Contribution	20-WA-14	85,000	85,000	85,000								255,000
	Water Total	4,849,000	2,953,000	2,940,000	1,510,000	1,020,000	975,877	1,195,785	1,035,693	1,115,601	913,009	18,507,965
	GRAND TOTAL	4,849,000	2,953,000	2,940,000	1,510,000	1,020,000	975,877	1,195,785	1,035,693	1,115,601	913,009	18,507,965

Capital Improvement Plan
City of Rochelle, Illinois

2020 *thru* 2029

Project # 20-WA-01
Project Name Water Maintenance

Type Maintenance **Department** Water
Category Infrastructure **Contact** WWR Superintendent: Adam Lanning



Total Project Cost: \$1,783,465

Description

Infrastructure Maintenance/Repair

Justification

Preventative Maintenance & Repair

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	155,000	175,000	175,000	175,000	175,000	175,877	180,785	185,693	190,601	195,509	1,783,465
Total	155,000	175,000	175,000	175,000	175,000	175,877	180,785	185,693	190,601	195,509	1,783,465

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash	155,000	175,000	175,000	175,000	175,000	175,877	180,785	185,693	190,601	195,509	1,783,465
Total	155,000	175,000	175,000	175,000	175,000	175,877	180,785	185,693	190,601	195,509	1,783,465

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WA-02
Project Name Water Main Replacement



Type Maintenance **Department** Water
Category Infrastructure **Contact** WWR Superintendent: Adam Lanning

Total Project Cost: \$4,660,000

Description

Main Replacements

Justification

Upgrade existing water mains

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	10,000	50,000	50,000	500,000	750,000	750,000	750,000	600,000	600,000	600,000	4,660,000
Total	10,000	50,000	50,000	500,000	750,000	750,000	750,000	600,000	600,000	600,000	4,660,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash	10,000	50,000	50,000	500,000	750,000	750,000	750,000	600,000	600,000	600,000	4,660,000
Total	10,000	50,000	50,000	500,000	750,000	750,000	750,000	600,000	600,000	600,000	4,660,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WA-03
Project Name Water Meter Replacement

Type Equipment **Department** Water
Category Equipment **Contact** WWR Superintendent: Adam Lanning



Total Project Cost: \$704,000

Description
 Replace residential & business meters w/newer technology

Justification
 Replace existing water meters that are beyond useful life.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	118,000	118,000	118,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	704,000
Total	118,000	118,000	118,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	704,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash	118,000	118,000	118,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	704,000
Total	118,000	118,000	118,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	704,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WA-04
Project Name Well 12 Radium Removal Plant

Type Capital Improvement **Department** Water
Category Buildings **Contact** WWR Superintendent: Adam Lanning



Total Project Cost: \$2,850,000

Description
 Build radium removal filtration plant

Justification
 EPA Requirement

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	2,850,000										2,850,000
Total	2,850,000										2,850,000

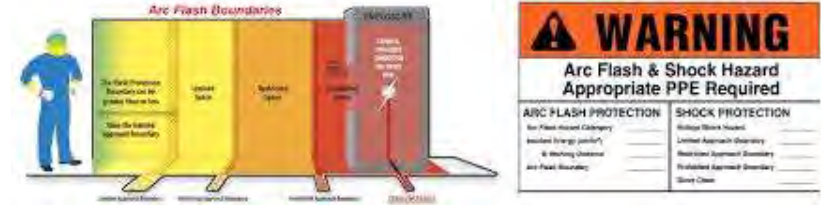
Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Loan	2,850,000										2,850,000
Total	2,850,000										2,850,000

Capital Improvement Plan
City of Rochelle, Illinois

2020 *thru* 2029

Project # 20-WA-05
Project Name Arc Flash Study

Type Unassigned **Department** Water
Category Other **Contact** WWR Superintendent: Adam Lanning



Total Project Cost: \$50,000

Description

Electrical Safety

Justification

Safety

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance		25,000							25,000		50,000
Total		25,000							25,000		50,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash		25,000							25,000		50,000
Total		25,000							25,000		50,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	20-WA-06
Project Name	Skid Loader



Type Unassigned **Department** Water
Category Equipment **Contact** WWR Superintendent: Adam Lanning

Total Project Cost: \$50,000

Description
New Skid Loader

Justification
help with construction projects and will replace existing fork lift

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	50,000										50,000
Total	50,000										50,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash	50,000										50,000
Total	50,000										50,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WA-07
Project Name Wash Tower

Type Maintenance **Department** Water
Category Other **Contact** WWR Superintendent: Adam Lanning



Total Project Cost: \$44,500

Description

General Maintenance

Justification

AWWA recommendation to maintain exterior paint

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance			12,000				15,000			17,500	44,500
Total			12,000				15,000			17,500	44,500

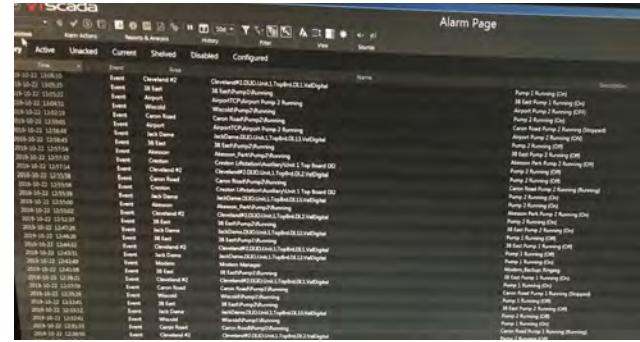
Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash			12,000				15,000			17,500	44,500
Total			12,000				15,000			17,500	44,500

Capital Improvement Plan

City of Rochelle, Illinois

2020 *thru* 2029

Project # 20-WA-08
Project Name SCADA Upgrade



Type Maintenance **Department** Water
Category Other **Contact** WWR Superintendent: Adam Lanning

Total Project Cost: \$35,000

Description

Updated Technology

Justification

Aging equipment needs replaced.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other				35,000							35,000
Total				35,000							35,000

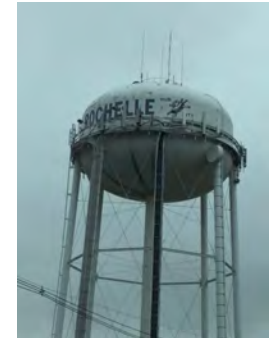
Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash				35,000							35,000
Total				35,000							35,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	20-WA-09
Project Name	Paint Tower (B & A)



Type Maintenance **Department** Water
Category Other **Contact** WWR Superintendent: Adam Lanning

Total Project Cost: \$1,000,000

Description
Paint Tower

Justification
AWWA recommended painting schedule to protect the water tower from corrosion.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance				750,000					250,000		1,000,000
Total				750,000					250,000		1,000,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash				750,000					250,000		1,000,000
Total				750,000					250,000		1,000,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WA-10
Project Name Rehab Well



Type Equipment **Department** Water
Category Equipment **Contact** WWR Superintendent: Adam Lanning

Total Project Cost: \$565,000

Description
 Rehab Wells 8, 10 & 11 Pumps

Justification
 Standard Update & Replacement

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	165,000						200,000	200,000			565,000
Total	165,000						200,000	200,000			565,000

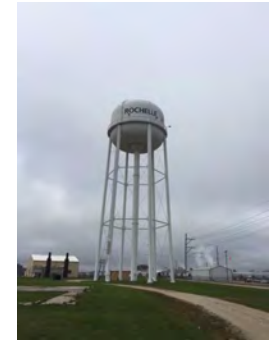
Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash	165,000						200,000	200,000			565,000
Total	165,000						200,000	200,000			565,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	20-WA-11
Project Name	Inspect & Clean All Towers



Type Maintenance **Department** Water
Category Other **Contact** WWR Superintendent: Adam Lanning

Total Project Cost: \$95,000

Description
Preventative Maintenance

Justification
maintain continued performance of the elevated towers.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance					45,000					50,000	95,000
Total					45,000					50,000	95,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash					45,000					50,000	95,000
Total					45,000					50,000	95,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WA-12
Project Name Well #4 Building (7th Street Overpass)

Type Capital Improvement **Department** Water
Category Buildings **Contact** WWR Superintendent: Adam Lanning



Total Project Cost: \$1,416,000

Description

New Well House

Justification

existing wellhouse is 100 years old.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	1,416,000										1,416,000
Total	1,416,000										1,416,000

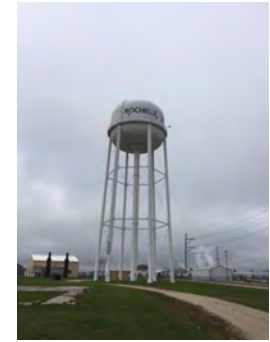
Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash	1,416,000										1,416,000
Total	1,416,000										1,416,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WA-13
Project Name Well #8 Plant or New Well



Type Capital Improvement **Department** Water
Category Buildings **Contact** WWR Superintendent: Adam Lanning

Total Project Cost: \$5,000,000

Description
 New Construction of Well #8 and/or Plant

Justification
 The well exceeds the EPA standards for iron and thus needs an iron removal plant for continued operation.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance		2,500,000	2,500,000								5,000,000
Total		2,500,000	2,500,000								5,000,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Loan		2,500,000	2,500,000								5,000,000
Total		2,500,000	2,500,000								5,000,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WA-14
Project Name Pilot Travelstop Contribution

Type Unassigned **Department** Water
Category Unassigned **Contact** WWR Superintendent: Adam Lanning



Total Project Cost: \$255,000

Description

Portion of the water extension for the Piilot Travelstop Project

Justification

Extends utilities under I-39 for development

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other	85,000	85,000	85,000								255,000
Total	85,000	85,000	85,000								255,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash	85,000	85,000	85,000								255,000
Total	85,000	85,000	85,000								255,000

WATER RECLAMATION
2020 – 2029
CAPITAL IMPROVEMENT PLAN



City of Rochelle, Illinois
Capital Improvement Plan
 2020 thru 2029

PROJECTS BY DEPARTMENT

Department	#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Water Reclamation												
Manhole Lining	20-WR-01	61,800	63,654	120,000	120,000	120,000	150,000	150,000	150,000	150,000	150,000	1,235,454
Sewer Line Replacement	20-WR-02			400,000	400,000	750,000	750,000	750,000	750,000	750,000	750,000	5,300,000
SCADA Upgrade	20-WR-03				55,000							55,000
Water Rec Maintenance	20-WR-04	133,462	133,462	133,462	133,462	133,462	150,000	150,000	150,000	150,000	150,000	1,417,310
Arc Flash Study	20-WR-05	25,000								25,000		50,000
Skid Loader	20-WR-06	50,000										50,000
Vactor Truck	20-WR-07				650,000							650,000
Rehab Sand Filters	20-WR-08	500,000										500,000
Water Meters	20-WR-09	118,000	118,000	118,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	704,000
7th Street Sewer Relocate	20-WR-10	100,000										100,000
NPDES Compliance Plans	20-WR-11	100,000										100,000
Lift Stations Upgrades	20-WR-12				75,000	75,000	75,000					225,000
WWTP Upgrades	20-WR-13	3,453,262	3,450,000		4,000,000	3,000,000						13,903,262
Pilot Travelstop Contribution	20-WR-14	85,000	85,000	85,000								255,000
Water Reclamation Total		4,626,524	3,850,116	856,462	5,483,462	4,128,462	1,175,000	1,100,000	1,100,000	1,125,000	1,100,000	24,545,026
GRAND TOTAL		4,626,524	3,850,116	856,462	5,483,462	4,128,462	1,175,000	1,100,000	1,100,000	1,125,000	1,100,000	24,545,026

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WR-01
Project Name Manhole Lining

Type Capital Improvement **Department** Water Reclamation
Category Infrastructure **Contact** WWR Superintendent: Adam Lanning



Total Project Cost: \$1,235,454

Description

Lining Manholes

Justification

Deteriorating manholes need to be restored

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	61,800	63,654	120,000	120,000	120,000	150,000	150,000	150,000	150,000	150,000	1,235,454
Total	61,800	63,654	120,000	120,000	120,000	150,000	150,000	150,000	150,000	150,000	1,235,454

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash	61,800	63,654	120,000	120,000	120,000	150,000	150,000	150,000	150,000	150,000	1,235,454
Total	61,800	63,654	120,000	120,000	120,000	150,000	150,000	150,000	150,000	150,000	1,235,454

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WR-02
Project Name Sewer Line Replacement



Type Capital Improvement **Department** Water Reclamation
Category Infrastructure **Contact** WWR Superintendent: Adam Lanning

Total Project Cost: \$5,300,000

Description
 Line/replace old sewer lines

Justification
 Replace deteriorating sewer lines

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance			400,000	400,000	750,000	750,000	750,000	750,000	750,000	750,000	5,300,000
Total			400,000	400,000	750,000	750,000	750,000	750,000	750,000	750,000	5,300,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash			400,000	400,000	750,000	750,000	750,000	750,000	750,000	750,000	5,300,000
Total			400,000	400,000	750,000	750,000	750,000	750,000	750,000	750,000	5,300,000

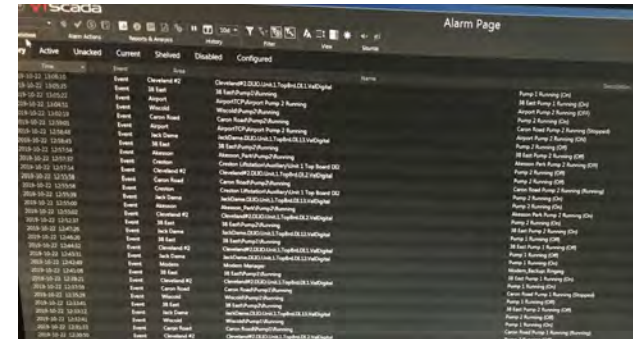
Capital Improvement Plan

City of Rochelle, Illinois

2020 *thru* 2029

Project # 20-WR-03
Project Name SCADA Upgrade

Type Unassigned **Department** Water Reclamation
Category Other **Contact** WWR Superintendent: Adam Lanning



Total Project Cost: \$55,000

Description

Technology Upgrade

Justification

maintain proper communication with all equipment

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other				55,000							55,000
Total				55,000							55,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash				55,000							55,000
Total				55,000							55,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WR-04
Project Name Water Rec Maintenance



Type Maintenance **Department** Water Reclamation
Category Other **Contact** WWR Superintendent: Adam Lanning

Total Project Cost: \$1,417,310

Description
 Preventative Maintenance

Justification
 Equipment failures, infrastructure replacement

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	133,462	133,462	133,462	133,462	133,462	150,000	150,000	150,000	150,000	150,000	1,417,310
Total	133,462	133,462	133,462	133,462	133,462	150,000	150,000	150,000	150,000	150,000	1,417,310

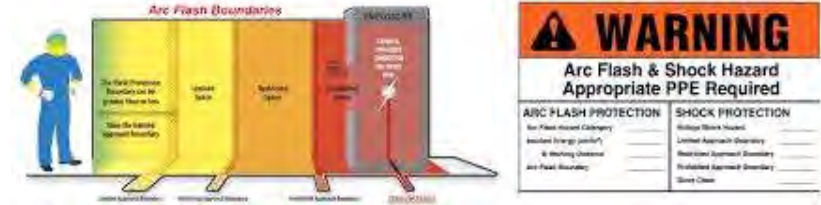
Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash	133,462	133,462	133,462	133,462	133,462	150,000	150,000	150,000	150,000	150,000	1,417,310
Total	133,462	133,462	133,462	133,462	133,462	150,000	150,000	150,000	150,000	150,000	1,417,310

Capital Improvement Plan
City of Rochelle, Illinois

2020 *thru* 2029

Project # 20-WR-05
Project Name Arc Flash Study

Type Unassigned **Department** Water Reclamation
Category Equipment **Contact** WWR Superintendent: Adam Lanning



Total Project Cost: \$50,000

Description

Electrical Safety

Justification

Maintain safety compliance

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	25,000								25,000		50,000
Total	25,000								25,000		50,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash	25,000								25,000		50,000
Total	25,000								25,000		50,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WR-06
Project Name Skid Loader

Type Equipment **Department** Water Reclamation
Category Equipment **Contact** WWR Superintendent: Adam Lanning



Total Project Cost: \$50,000

Description

New Skid Loader

Justification

To help with construction jobs and replace existing fork lift.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	50,000										50,000
Total	50,000										50,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash	50,000										50,000
Total	50,000										50,000

Capital Improvement Plan
City of Rochelle, Illinois

2020 *thru* 2029

Project # 20-WR-07
Project Name Vactor Truck



Type Equipment **Department** Water Reclamation
Category Vehicles **Contact** WWR Superintendent: Adam Lanning

Total Project Cost: \$650,000

Description

Required Vehicle

Justification

New NPDES requirement to comply with required jetting and televising.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings				650,000							650,000
Total				650,000							650,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash				650,000							650,000
Total				650,000							650,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WR-08
Project Name Rehab Sand Filters



Type Maintenance **Department** Water Reclamation
Category Equipment **Contact** WWR Superintendent: Adam Lanning

Total Project Cost: \$500,000

Description
 Rehab Sand Filters

Justification
 maintain performance of the existing sand filters.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	500,000										500,000
Total	500,000										500,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash	500,000										500,000
Total	500,000										500,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WR-09
Project Name Water Meters

Type Equipment **Department** Water Reclamation
Category Equipment **Contact** WWR Superintendent: Adam Lanning



Total Project Cost: \$704,000

Description
 Replace approximately 800 meters per year.

Justification
 Aging meters do not read accurately and must be replaced.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	118,000	118,000	118,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	704,000
Total	118,000	118,000	118,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	704,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash	118,000	118,000	118,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	704,000
Total	118,000	118,000	118,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	704,000

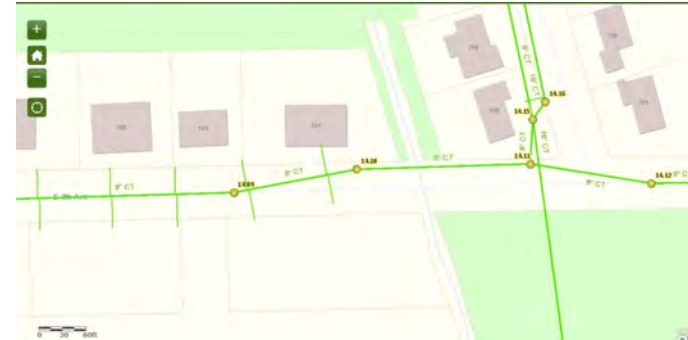
Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WR-10
Project Name 7th Street Sewer Relocate

Type Capital Improvement **Department** Water Reclamation
Category Infrastructure **Contact** WWR Superintendent: Adam Lanning



Total Project Cost: \$100,000

Description

Relocate 7th Street Sewer

Justification

Bridge replacement requires the sewer be relocated.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	100,000										100,000
Total	100,000										100,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash	100,000										100,000
Total	100,000										100,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project #	20-WR-11
Project Name	NPDES Compliance Plans



Type Unassigned **Department** Water Reclamation
Category Other **Contact** WWR Superintendent: Adam Lanning

Total Project Cost: \$100,000

Description
Develop plans to comply with new NPDES permit requirements.

Justification
New requirements of the EPA

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other	100,000										100,000
Total	100,000										100,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash	100,000										100,000
Total	100,000										100,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WR-12
Project Name Lift Stations Upgrades



Type Maintenance **Department** Water Reclamation
Category Other **Contact** WWR Superintendent: Adam Lanning

Total Project Cost: \$225,000

Description
 upgrading existing lift stations

Justification
 aging infrastructure needs updated

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance				75,000	75,000	75,000					225,000
Total				75,000	75,000	75,000					225,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash				75,000	75,000	75,000					225,000
Total				75,000	75,000	75,000					225,000

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WR-13
Project Name WWTP Upgrades



Type Capital Improvement **Department** Water Reclamation
Category Infrastructure **Contact** WWR Superintendent: Adam Lanning

Total Project Cost: \$13,903,262

Description

A \$7 million treatment plant upgrade

Justification

Plant equipment is beyond the life expectancy.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction/Maintenance	3,453,262	3,450,000		4,000,000	3,000,000						13,903,262
Total	3,453,262	3,450,000		4,000,000	3,000,000						13,903,262

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Loan	3,453,262	3,450,000		4,000,000	3,000,000						13,903,262
Total	3,453,262	3,450,000		4,000,000	3,000,000						13,903,262

Capital Improvement Plan

2020 *thru* 2029

City of Rochelle, Illinois

Project # 20-WR-14
Project Name Pilot Travelstop Contribution

Type Unassigned **Department** Water Reclamation
Category Unassigned **Contact** WWR Superintendent: Adam Lanning



Total Project Cost: \$255,000

Description
 Portion of the water extension for the Pilot Travelstop Project

Justification
 Extends utilities under I-39 for development

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other	85,000	85,000	85,000								255,000
Total	85,000	85,000	85,000								255,000

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Cash	85,000	85,000	85,000								255,000
Total	85,000	85,000	85,000								255,000