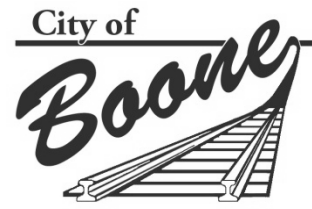


*FY2022 Boone Capital
Improvements Program (CIP)*



Document Contents -

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**Prepared by:
Boone City Staff
CIP Committee**

Public Hearing by the Boone City Council: 2/15/2021

CIP Program Overview

Capital Improvement Program (CIP)

The CIP serves a number of important functions for the City of Boone. Some of the most basic functions include the CIP as a formal mechanism for decision making, a link to the long-range goals of the community, a financial management tool, and a reporting tool for communicating financial goals to citizens.

An important aspect of developing the capital improvement program is balancing Boone's needs with our ability to pay for those needs. The process focuses attention on the financial capability of Boone City Government over the long term. Consistency of projects with community goals provides a way to select among competing projects for the limited financial resources available to our City Government.

Below is a detailed outline of the policies that structure the Boone CIP.

Capital Expenditure Defined

The City of Boone defines a "capital expenditure" as –

1. The project is of a nonrecurring nature
2. Minimum cost of \$12,000
3. Estimated service life of at least 10 years

Examples:

1. *The CIP is not intended to include such items as painting and sealing a parking lot; however, it would include the repaving of parking lots.*
2. *The CIP includes the installation of a new roofing surface, but would not include spot patching of a roof.*
3. *The CIP is intended to exclude such items as light poles or playground equipment whose individual replacement costs would be less than \$12,000 but when aggregated would cost more than \$12,000. The exception to that \$12,000 would be when the total of all replacement items is sizeable (i.e., \$40,000 or more). If such items are part of a larger project (e.g. rebuilding a park which includes a playground), then all such items which individually do not qualify as capital, would be considered as capital when presented as a single project.*
4. *Major renovations of existing facilities that cost more than \$12,000 may be submitted for consideration as a capital project. Maintenance of existing facilities, however, should not be included in capital requests. Requests for the funding of maintenance projects should be included in the appropriate operating budget.*

The CIP of Boone shall cover a **FIVE** year time period. The CIP will be reviewed once a year and another year will be added to the program.

Priority Classification

The City of Boone will utilize the following to prioritize projects included in the CIP.

CIP Rating Procedure

- Mandates (legislative/legal/contractual requirements)
- The basics (provide required services, health, safety, general welfare)
- Achieve goals (community growth, new attractions, etc.)

1. Service Level Priority Classification

- a. Critical - Protects life, health or safety
- b. Maintenance - Allows continuation of existing service at same level, or finishes partially complete project.
- c. Enhancement - Improves services or facilities when obsolete or inadequate.
- d. New Service - Expands scope of existing public service or introduces an entirely new service.

2. Policy Priority Classification

- a. Legal Requirement - Legislative/legal or contractual obligation.
- b. Safety / Correction - Protects life, health or safety.
- c. Infrastructure - Public domain fixed assets such as roads, bridges, drainage systems, and similar assets that are immovable and of value only to the government unit.
- d. Other - Other than listed above

3. Expected Useful Life - How long until replacement necessary?

4. Effect on operating and maintenance costs - Salaries, repairs, etc.

5. Effect on Revenue Sources - How does this affect City revenues?

6. Grant Reimbursement - Is it available? What match percentage?

Budget Policies

Capital Improvement Budget Policies-

1. The city will determine the least costly financing method for all new projects.
2. The city will identify the estimated costs and potential funding sources for each capital project proposal before it is submitted to council for approval.

Debt Policies-

1. The city will confine long-term borrowing to capital improvements that cannot be financed from current revenues.
2. When the city finances capital projects by issuing bonds, it will pay back the bonds within a period not to exceed the expected useful life of the project.

3. The city will try to keep the average maturity of GO Bonds at or below 10 years.
4. On all debt-financed projects, the city will make a down payment of at least 5 percent of total project cost from current revenues. The city will maintain a goal of increasing this percentage.
5. Total debt service for general obligation debt will not exceed state allowed total annual locally generated operating revenue.
6. Total general-obligation debt will not exceed 5 percent of the assessed valuation of taxable property.
7. Where possible, the city will use special assessment, revenue, or other self-supporting bonds instead of general obligation bonds.
8. The city will maintain good communications with bond rating agencies about its financial condition. The city will follow a policy of full disclosure on every financial report and bond prospectus.

Revenue Policies-

1. The city will try to maintain a diversified and stable revenue system to shelter it from short-run fluctuations in any one revenue source.
2. The city will estimate its annual revenues by an objective, analytical process.
3. The city will project revenues for the next **five years** and will update this projection annually. Each existing and potential revenue source will be reexamined annually.
4. The city will establish user charges and fees at a level related to the cost of providing the services.
5. The city will periodically recalculate the full costs of activities supported by fees and adjust accordingly (considering such factors as inflation).
6. The city will try to set fees for other user activities, such as recreational services, at a level to support a majority of the direct and indirect cost of the activity.

Capital Improvement Plan- Summary

The following report summarizes all active projects by department based on the year the project is expected to have funds spent.

City of Boone, Iowa

Boone CIP

FY '22 thru FY '26

PROJECTS BY DEPARTMENT

Department	Project #	Priority	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Administration								
New Software	22ADM-001	3	75,000	75,000				150,000
Administration Total			75,000	75,000				150,000
Airport								
Runway Repair	21AIR-004	2	1,700,000					1,700,000
Taxilane Preservation	22AIR-003	3	176,470					176,470
Airport Total			1,876,470					1,876,470
City Hall								
New AC units for CC Chambers/Auditorium	22CHALL-001	3	15,000					15,000
City Hall Remodel	22CHALL-002	3	60,000	50,000				110,000
City Hall Total			75,000	50,000				125,000
Economic Development								
South Marion & West Park Paving	04STR-010	6	100,000	1,400,000				1,500,000
Demolitions - Nuisance Abatement	13BPD-001	3	60,000					60,000
Garfield School Redevelopment	15ED-002	1	10,000	10,000				20,000
Overpass/200th St Paving	20STR-001	2			300,000	300,000		600,000
Economic Development Total			170,000	1,410,000	300,000	300,000		2,180,000
Library								
Direct Digital Control System Upgrade	20LIB-001	4		60,000				60,000
Library Total				60,000				60,000
Parks and Recreation								
Sand Filter System	13PRK-007	3		150,000				150,000
Parks and Recreation Total				150,000				150,000
Public Works								
Handicap Ramp Replacement Program	04STR-017	2	10,000					10,000
Sanitary Sewer Management Program (CMOM)	08SWR-001	1	325,000	50,000				375,000
Street Maintenance Program	14STR-001	2	0	120,000	120,000			240,000
Street Sweeper	21PW-0003	5	250,000					250,000
Public Works Total			585,000	170,000	120,000			875,000
Storm Water								
Sump Pump Discharge Tile	20STM-001	1	30,000	50,000	50,000	50,000	50,000	230,000
Storm Water Total			30,000	50,000	50,000	50,000	50,000	230,000

Department	Project #	Priority	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Streets								
South Marshall Street Overlay	21STR-0001	3	500,000					500,000
Streets Total			500,000					500,000
Waste Water								
UV Disinfection at WWF	10WWF-002	1	1,650,000					1,650,000
VLR Gear Box Replacement	14WWF-002	2	10,000	10,000	10,000	10,000		40,000
Sewer I/I Investigation	20WWF-001	1	100,000	100,000	100,000			300,000
Waste Water Sludge Pit Cleaning	21WWF-001	n/a	100,000	100,000	100,000	100,000	100,000	500,000
Generator-Division St Lift Station	21WWF-004	2	100,000					100,000
Waste Water Total			1,960,000	210,000	210,000	110,000	100,000	2,590,000
Water								
S Main St Water Main Improvement	11WTR-007	3	35,000	375,000				410,000
Backwash Blower	14WTR-007	4	200,000					200,000
Lime Residual Disposal Pond	19WTR-003	2	250,000		250,000		250,000	750,000
Water Plant Lime Silo Painting	20WTR-003	2	31,000					31,000
Water Plant Wall Repairs	21WTR-001	2	200,000					200,000
Water Total			716,000	375,000	250,000		250,000	1,591,000
GRAND TOTAL			5,987,470	2,550,000	930,000	460,000	400,000	10,327,470

Report criteria:

- All Actual Cost data
- All Categories
- All Contacts
- All Departments
- All Estimated Cost data
- All Priority Levels
- All Projects
- All Source Types
- Status: Active
- Type: E or I or M or Z

Capital Improvement Plan- Summary

This report summarizes all funding sources per fiscal year for the active projects.

City of Boone, Iowa

Boone CIP

FY '22 thru FY '26

PROJECTS BY FUNDING SOURCE

Source	Project #	Priority	FY '22	FY '23	FY '24	FY '25	FY '26	Total
General Fund								
South Marion & West Park Paving	04STR-010	6	100,000					100,000
Demolitions - Nuisance Abatement	13BPD-001	3	40,000					40,000
Sand Filter System	13PRK-007	3	65,000					65,000
General Fund Total			205,000					205,000
Grant								
UV Disinfection at WWF	10WWF-002	1		600,000				600,000
Overpass/200th St Paving	20STR-001	2			280,000			280,000
Runway Repair	21AIR-004	2	1,656,000					1,656,000
Taxilane Preservation	22AIR-003	3	150,000					150,000
Grant Total			1,806,000	600,000	280,000			2,686,000
Hotel/Motel Tax								
Garfield School Redevelopment	15ED-002	1	10,000	10,000				20,000
Hotel/Motel Tax Total			10,000	10,000				20,000
Local Option Sales Tax (LOST)								
Demolitions - Nuisance Abatement	13BPD-001	3	20,000					20,000
Street Maintenance Program	14STR-001	2	0	120,000	120,000			240,000
Direct Digital Control System Upgrade	20LIB-001	4	25,000	25,000				50,000
Runway Repair	21AIR-004	2	82,000					82,000
South Marshall Street Overlay	21STR-0001	3	120,000					120,000
New Software	22ADM-001	3	75,000	75,000				150,000
Taxilane Preservation	22AIR-003	3	26,470					26,470
New AC units for CC Chambers/Auditorium	22CHALL-001	3	15,000					15,000
City Hall Remodel	22CHALL-002	3	60,000	50,000				110,000
Local Option Sales Tax (LOST) Total			423,470	270,000	120,000			813,470
Other								
Overpass/200th St Paving	20STR-001	2			100,000			100,000
South Marshall Street Overlay	21STR-0001	3	180,000					180,000
Other Total			180,000		100,000			280,000
Road Use Tax (RUT)								
Handicap Ramp Replacement Program	04STR-017	2	10,000					10,000
Overpass/200th St Paving	20STR-001	2			100,000	120,000		220,000
Street Sweeper	21PW-0003	5	82,000					82,000

Source	Project #	Priority	FY '22	FY '23	FY '24	FY '25	FY '26	Total
South Marshall Street Overlay	21STR-0001	3	200,000					200,000
Road Use Tax (RUT) Total			292,000	100,000	120,000			512,000
Sanitary Sewer Receipts								
Sanitary Sewer Management Program (CMOM)	08SWR-001	1	295,000	50,000				345,000
UV Disinfection at WWF	10WWF-002	1		160,000				160,000
VLR Gear Box Replacement	14WWF-002	2	10,000	10,000	10,000	10,000		40,000
Sewer I/I Investigation	20WWF-001	1	100,000	100,000	100,000			300,000
Street Sweeper	21PW-0003	5	84,000					84,000
Waste Water Sludge Pit Cleaning	21WWF-001	n/a	200,000	100,000	100,000	100,000		500,000
Generator-Division St Lift Station	21WWF-004	2	100,000					100,000
Sanitary Sewer Receipts Total			789,000	420,000	210,000	110,000		1,529,000
Storm Sewer Receipts								
South Marion & West Park Paving	04STR-010	6		75,000				75,000
Sanitary Sewer Management Program (CMOM)	08SWR-001	1	30,000					30,000
Sump Pump Discharge Tile	20STM-001	1	30,000	50,000	50,000	50,000	50,000	230,000
Street Sweeper	21PW-0003	5	84,000					84,000
Storm Sewer Receipts Total			144,000	125,000	50,000	50,000	50,000	419,000
Tax Increment Financing (TIF)								
South Marion & West Park Paving	04STR-010	6	1,400,000					1,400,000
Tax Increment Financing (TIF) Total			1,400,000					1,400,000
Water Receipts								
S Main St Water Main Improvement	11WTR-007	3	35,000	375,000				410,000
Backwash Blower	14WTR-007	4	200,000					200,000
Lime Residual Disposal Pond	19WTR-003	2	125,000	125,000	125,000	125,000	125,000	625,000
Water Plant Lime Silo Painting	20WTR-003	2	31,000					31,000
Water Plant Wall Repairs	21WTR-001	2	200,000					200,000
Water Receipts Total			591,000	500,000	125,000	125,000	125,000	1,466,000
GRAND TOTAL			5,840,470	1,925,000	985,000	405,000	175,000	9,330,470

Report criteria:

- Active Projects
- All Actual Cost data
- All Categories
- All Contacts
- All Departments
- All Estimated Cost data
- All Priority Levels
- All Projects
- All Source Types
- Type: E or I or M or Z

Capital Improvement Plan-

Active Projects

Descriptions

Funding

Recommendations

The following report includes the details for all projects identified as “Active.” This report describes the projects, indicates when the projects will take place, the funding sources and years those funds will be set aside for such projects.

Boone CIP

FY '22 thru FY '26

Department Administration

City of Boone, Iowa

Contact Clerk

Project # 22ADM-001
Project Name New Software

Type Equipment

Useful Life 20 years

Category Equipment:Software

Priority 3 Very Important

Status Active

Estimated Cost 150000.00

Actual Cost

Total Project Cost: \$150,000

Description

Replace current Accounting Software (SimpleCity by gWorks) with a new software that is more in line with the City's needs. This software is the City's primary software that the Building Department uses for Building Permits, Utility Billing uses for billing and all payment tracking within the City, Finance uses it for Accounts Payable, Payroll, Banking, budgeting and keeps track of all financial transactions with in the City. We purchased the current software in 2002.

Justification

The current system has been outdated for a long time, and we started having major issues back in August of 2018 with the software company trying to update the software beyond the capabilities of their old platform. This caused major issues and long wait times to get any customer service help (some times weeks and in one case almost a year). Then in January 2019 a gWorks purchased the company and promised things would get better. It has been almost 2 years and although customer service response time has gotten better most of the time I am told they can not help me and that is the way the system is setup. We are getting monthly updates and I am finding that with each update they are taking away from the software and not improving it. We currently have to handwrite manual checks on the Council Bills packets, the revenue history report does not supply any detailed information, etc. The new company still has not updated the platform in which the software runs.

Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Software	75,000	75,000				150,000
Total	75,000	75,000				150,000

Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Local Option Sales Tax (LOST)	75,000	75,000				150,000
Total	75,000	75,000				150,000

Budget Impact/Other

11/2020 CIP Committee Notes:
Will set \$75,000.00 of LOST aside in FY2022 and \$75,000.00 in FY2023. Will start the process in Spring of 2022.

Boone CIP

FY '22 thru FY '26

Department Airport
 Contact Airport Commission
 Type Improvement
 Useful Life 20 years
 Category Special Projects
 Priority 2 Critical
 Status Active

City of Boone, Iowa

Project #	21AIR-004
Project Name	Runway Repair

Estimated Cost
 Actual Cost

Total Project Cost: \$1,840,000

Description
 1800 feet of the runway needs rehabilitated, approximate cost \$1,800,000
 12/2019 Airport Commission:
 Do to possible lack of Federal Funds Commision decided to pursue grant funds to replace middle 50 foot panels and repair as needed outer 12.5 foot panel sections. Life expectancy for the middle section that is replaced would be 40 years, for the outer 12.5 foot panel sections life expectancy would be less than 10 years. Estimated total cost \$1,400,000, Federal share \$1,286,550 local share \$140,000.

Justification
 The surface is eroding causing deterioration of the runway. If not rehabilitated as soon as possible it will require complete tear out and replacement.
 10/26/2020
 The runway is crumbling and the Airport has a report from the FAA indicated that the runway needs to be reconstructed for safety reasons.

Prior	Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
140,000	Construction/Maintenance	1,660,000					1,660,000
	Construction Engineering	40,000					40,000
Total	Total	1,700,000					1,700,000

Prior	Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
102,000	Grant	1,656,000					1,656,000
	Local Option Sales Tax (LOST)	82,000					82,000
Total	Total	1,738,000					1,738,000

Budget Impact/Other
 CIP 11/21/2019:
 Pending grant approval.
 10/2020:
 This project is dependent on Federal grant and local match approved by City Council.
 11/2020:
 Will use \$30,000.00 CARES Act Funds to cover the design cost.
 336-280-6399 Construction
 336-280-6407 Engineering

Boone CIP

FY '22 thru FY '26

Department Airport
 Contact Airport Commission
 Type Improvement
 Useful Life 10 years
 Category Street Reconstruction
 Priority 3 Very Important
 Status Active

City of Boone, Iowa

Project # 22AIR-003
 Project Name Taxilane Preservation

Estimated Cost
 Actual Cost

Total Project Cost: \$176,470

Description

The Airport has a need to improve their taxilanes that route the airplanes to the runways.

Justification

The taxilanes at the Airport need to be upgraded and improved. There has not been any improvements for several years. These taxilanes serve all the T-Hangers at the Airport to allow the planes to access the runways.

Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Planning/Design	18,000					18,000
Construction/Maintenance	158,470					158,470
Total	176,470					176,470

Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Grant	150,000					150,000
Local Option Sales Tax (LOST)	26,470					26,470
Total	176,470					176,470

Budget Impact/Other

This project is dependent on State of Iowa grant and local amount approved by City Council.
 380-750-6407 Design
 380-750-6798 Construction

Boone CIP

FY '22 thru FY '26

Department City Hall

City of Boone, Iowa

Contact Administrator

Project # 22CHALL-001
 Project Name New AC units for CC Chambers/Auditorium

Type Improvement

Useful Life 20 years

Category Buildings

Priority 3 Very Important

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$15,000

Description

Replace existing Air Conditioner units in the 2nd floor of the City Hall, with two new roof mounted units, one each for the City Council Chambers and one for the Auditorium. The new units will require some new duct work to be installed for each room, but it will eliminate the current noise unit in the 2nd floor hallway ceiling.

Justification

The current unit has exceeded it's lifespan. There is a leak somewhere in the lineset of the air conditioner, which requires the unit to be recharged with freon each cooling season. The freon recharging unit required for the old unit each year, costs somewhere in the \$500 - \$700 price range. The energy efficiency of the new units, will result in an annual energy cost savings for the City Hall. The new units may also qualify for rebates from Alliant Energy, this will depend on the type and the SEER (Seasonal Energy Efficiency Ratio) rating of the units.

Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Construction/Maintenance	15,000					15,000
Total	15,000					15,000

Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Local Option Sales Tax (LOST)	15,000					15,000
Total	15,000					15,000

Budget Impact/Other

10/19/20 Staff Notes:
 This project is part of an overall city hall project over the next few years to remodel the Council Chambers and furniture replacement.

Budget Items	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Maintenance	15,000					15,000
Total	15,000					15,000

Boone CIP

FY '22 thru FY '26

Department City Hall

City of Boone, Iowa

Contact Administrator

Project #	22CHALL-002
Project Name	City Hall Remodel

Type Improvement

Useful Life 25

Category Buildings

Priority 3 Very Important

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$110,000

Description
Remodel City Hall Council Chambers to include new tables, chairs, painting, technology, floors, and ceiling, plus replace furniture in the 2nd Floor Conference Room.

Justification
It has been years since the Council Chambers has had any work done to it. Technology is poor, tables are decades old and the whole room needs to be brought up to satisfactory standards to meet the needs of the elected officials.

Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Equip/Vehicles/Furnishings	60,000	50,000				110,000
Total	60,000	50,000				110,000

Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Local Option Sales Tax (LOST)	60,000	50,000				110,000
Total	60,000	50,000				110,000

Budget Impact/Other
10/19/20 Staff Notes: In addition to this money, \$15,000 was allocated under a separate CIP Project for the replacement of the HVAC in the Council Chambers and auditorium.

Boone CIP

FY '22 thru FY '26

Department Economic Development

City of Boone, Iowa

Contact Administrator

Project # 04STR-010
 Project Name South Marion & West Park Paving

Type Improvement

Useful Life 50 years

Category Street Paving

Priority 6 Important

Status Active

Estimated Cost 150000.00

Actual Cost

Total Project Cost: \$1,500,000

Description

Pave Marion St. from edge of pavement south to West Park Ave. Also pave West Park Ave from edge of pavement, to Marion St. Functional concept is complete (original numbers are a 2008 cost estimate, updated 2013).

Justification

South Marion and West Park Ave are minor arterial streets within the federal road designation system. A gravel arterial is a concern.

Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Planning/Design	100,000					100,000
Construction Engineering		1,400,000				1,400,000
Total	100,000	1,400,000				1,500,000

Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
General Fund	100,000					100,000
Storm Sewer Receipts		75,000				75,000
Tax Increment Financing (TIF)	1,400,000					1,400,000
Total	1,500,000	75,000				1,575,000

Budget Impact/Other

Funding assumes 80% of all project costs come from STP. 20% local match from RUT.

Reduce maintenance cost due to lack of storm sewer and granular surfacing. Also, this will promote further development in the area.

Administrator Recommendation 12/2009:
 Remove this project and make development driven or maintain pending status until development driven.

CIP Committee Action 1/7/2010:
 Committee concurs with Administrator recommendation.

Administrator Recommendation 11/9/2010:
 Funding for the project qualifies under the Surface Transportation Program (STP). This funding will be available in FY2013 along with some portion from bonds.

CIP Committee 11/16/2010:
 Recommend project become active. Future development in the area shall not have driveway access to these new roads. Instead, developer shall create internal roads for access.

Administrator Recommendation 10/20/2011:
 Remain pending, this project should be development driven.

CIP Committee 11/18/2011:

Project should remain pending. Development driven. This project should be somewhat related to the west Boone water tower.

Administrator Recommendation 11/5/2012:

Remain pending. Note: engineering is proposed to be funded with STP funds. This requires a consultant selection process.

CIP Committee 11/29/2012:

Project should be active. This project will help encourage residential development within the area. Note: engineering is proposed to be funded with STP funds.

Administrator Recommendation 10/16/2014:

This project is a viable option for residential development. This project will help promote growth for the community. If this project is approved, it takes the place of the economic development proposal (14ED-002). I recommend this project remain active. The TIF funding portion is the LMI funds from TIF. This project could be classified as developer driven.

CIP Comments: 11/10/16:

Leave pending, move the project forward a year, development should remain developer driven.

376-210-6406 Engineering

376-210-6762 Construction

Boone CIP

FY '22 thru FY '26

Department Economic Development

City of Boone, Iowa

Contact Public Safety Director

Project # 13BPD-001
 Project Name Demolitions - Nuisance Abatement

Type Improvement

Useful Life 50 years

Category Special Projects

Priority 3 Very Important

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$410,000

Description
 Money for Demolitions in the City of Boone

Justification
 To continue the cities aggressive demolition program on properties that are structurally unsound and/or a nuisance to the neighborhoods and downtown Boone.
 11/2019:
 City owns 15 acres in this area from the Conyers.

Prior	Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
350,000	Construction/Maintenance	60,000					60,000
Total	Total	60,000					60,000

Prior	Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
350,000	General Fund	40,000					40,000
	Local Option Sales Tax (LOST)	20,000					20,000
Total	Total	60,000					60,000

Budget Impact/Other
 Administration Comments 11/4/16:
 If City finds themselves with an opportunity or need for additional funding before going out for the next bond staff recommends funding the projects with general fund and/or LOST.
 Staff Comments 10/26/18:
 The Garfield School demolishment will require a large portion of the funds that we currently have in the Demolishment Fund. To continue the program at the pace we have been at the past several years we will need to use General fund and LOST.
 Staff Comments 11/2020:
 There is a potential for a large project and would like to continue to grow the funds in this account to accomidate this large project if it comes to the City.

Boone CIP

FY '22 thru FY '26

Department Economic Development

City of Boone, Iowa

Contact Administrator

Project #	15ED-002
Project Name	Garfield School Redevelopment

Type Improvement
 Useful Life 50 years
 Category Special Projects
 Priority 1 Mandatory
 Status Active

Estimated Cost
 Actual Cost

Total Project Cost: \$130,000

Description

Garfield School has been utilized by the Boone Community Theatre group as a performing arts venue. The past several years have not been kind to the building and its infrastructure. The Boone Community Theatre is important to our town. Finding a more stable location will benefit that organization.

In addition to the benefits of a performing arts group, there are benefits of redeveloping the Garfield School site. Our goal would be to help the Theatre Group find a new home while also demolishing the old school and preparing the land for new residential development much like Lowell and Bryant.

10-2018 The Boone Community Theater and the City of Boone came to an agreement that included the City of Boone paying \$10,000.00 a year for five years starting December 2018 in return BCT would relenquish rights to the City of Boone for property located at 106 Webster Street. The City of Boone will be responsible for the demolishen of the property.

Justification

11/2018 Staff Notes:
 An agreement has been reached with Boone Community Theater to release the ownership of the property to the City of Boone in return the City will provide a 10,000.00 grant for the next 5 years out of Hotel/Motel. The City will obtain ownership of the property on December 31, 2018. In the process of the asbestos inspection.

Prior	Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
110,000	Land Acquisition	10,000	10,000				20,000
Total	Total	10,000	10,000				20,000

Prior	Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
110,000	Hotel/Motel Tax	10,000	10,000				20,000
Total	Total	10,000	10,000				20,000

Budget Impact/Other

Staff Comments 11/2/15:
 Funding sources include the sale of property at approximately \$50,000 and LMI funds. If LMI funds have been used for other projects we can do a TIF project and use future property tax to rebate the City for bond/cash usage.

11/2018 CIP Committee Notes:
 Would like the building down by February 2019.

1/2020 Staff Notes:
 Fiscal Year 2019, 2020, and 2021 expenses was covered by Hotel/Motel cash reserves.

Staff Comments:
 The former Garfield School has been demolished and a residential development will begin in the spring of 2020.

Boone CIP

FY '22 thru FY '26

Department Economic Development

City of Boone, Iowa

Contact City Engineer

Project #	20STR-001
Project Name	Overpass/200th St Paving

Type Improvement

Useful Life 20 years

Category Street Construction

Priority 2 Critical

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$600,000

Description

Joint project with Boone County to pave 200th Street East from Quartz Ave to meet up with the overpass project constructed by DOT at Hwy 17.

Justification

The construction of a overpass will promote economic development on Industrial Park Road, ease heavy truck traffic within the City of Boone, and reduce the number of RR crossings being blocked by UPRR within the City of Boone.

The partnership with the DOT and Boone County makes this project very doable and will greatly benefit the City and their residents.

11/2018 CIP Committee Notes:

We will know in June 2019 if the target start date gets moved up.

Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Construction/Maintenance			300,000	300,000		600,000
Total			300,000	300,000		600,000

Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Grant			280,000			280,000
Other			100,000			100,000
Road Use Tax (RUT)			100,000	120,000		220,000
Total			480,000	120,000		600,000

Budget Impact/Other

The City entered into a 28E agreement with Boone County on February 5, 2018 to pay them after the project is complete \$200,000.00 each year for 3 years at the same time the County is required to make their payment to the DOT. This is based on the project costing 3.2 million dollars. If the project comes in less than the amount the City shall pay will be adjusted accordingly at 40% of the amount due to the DOT with a maximum of \$600,000.00 total over the 3 years.

Other= Fareway fund

11/2019:

Will know in February 2020 if it will be moved up.

City has federal appropriations of approximately \$1 million that potentially could cover city's obligation of \$600,000 that was committed to Boone County.

10/19/2020 Staff Notes:

DOT plans on letting project in January 2021 with an anticipation start date of Spring 2021 and a completion date of FY 2024. County/City received a grant and City share of grant is 40% taking the initial \$600,000 of City share down to \$320,000. Fareway will be covering \$100,000 of the \$320,000.00 and the remaining \$220,000.00 will come from RUT .10 Tax.

Boone CIP

FY '22 thru FY '26

Department Library
 Contact Library Director

City of Boone, Iowa

Project # 20LIB-001
 Project Name Direct Digital Control System Upgrade

Type Improvement
 Useful Life 10 years
 Category Buildings
 Priority 4
 Status Active

Estimated Cost
 Actual Cost

Total Project Cost: \$60,000

Description

Upgrade existing pneumatic control system to a direct digital control system (DDC).

Justification

Pneumatic systems are becoming more antiquated with increasing maintenance costs and less service techs being trained to service the systems. Solid-state sensors and controllers used in DDC systems have considerable energy-efficiency advantages over conventional pneumatic systems. Substantial advantages are realized in calibration and maintenance, but the critical value lies in the accuracy and reliability of the DDC systems. These features can yield operational energy savings of 15% and greater when compared to the conventional pneumatic system.

Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Equip/Vehicles/Furnishings		60,000				60,000
Total		60,000				60,000

Prior	Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
10,000	Local Option Sales Tax (LOST)	25,000	25,000				50,000
Total	Total	25,000	25,000				50,000

Budget Impact/Other

11/2018 CIP Committee Notes:
 Fund Driven

1/2019 Staff Notes:
 Due to funds being available \$10,000.00 of FY2020 LOST funds will be put a side for this project.

1/2020 Staff Notes:
 An additional \$10,000 from FY2021 LOST will be put aside for this project.

10/19/20 Staff Notes:
 FY 2021 LOST \$10,000.00 Library Board choose to put towards the Greene Street Parking renovations.

Boone CIP

FY '22 thru FY '26

Department Parks and Recreation

City of Boone, Iowa

Contact Parks Director

Project #	13PRK-007
Project Name	Sand Filter System

Type Maintenance

Useful Life 20 years

Category Equipment: Miscellaneous

Priority 3 Very Important

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$150,000

Description
Sand filter system for pool.

Justification
Current system is 22 years old and showing significant deterioration. Park staff will monitor and make spot repairs but new system will be needed in future.

Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Construction/Maintenance		150,000				150,000
Total		150,000				150,000

Prior	Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
85,000	General Fund	65,000					65,000
Total	Total	65,000					65,000

Budget Impact/Other
10/27/14 Park Commission Update: Commission suggested spanning over several years and using LOST.
Staff Commetns 11/9/2015: Council gave \$15,000. This will be saved for the project. We will be requesting another \$30,000 this next year.
11/24/15 Park Commission Comments: The increase for the request is due to necessary improvements for the slide.
CIP Committee 12/15/15: JR will accommodate for \$50,000 over the timeframe of FY16/FY17. Funds will come from various budgets.
11/18/19 Staff Comments: Due to the age of the system, staff recommends making this project active, and saving over the next couple years to have the system replaced. (possible funding source is backfill funds that go into the General Fund)

Project #	04STR-017
Project Name	Handicap Ramp Replacement Program

Type	Improvement
Useful Life	40 years
Category	Special Projects
Priority	2 Critical
Status	Active

Estimated Cost
Actual Cost

Total Project Cost: \$150,000

Description
The project provides for a city-wide program to construct handicap ramps. This project addresses a health or safety need, and maintains service level.

Justification
This project addresses a health or safety need, and maintains service level.

TRANSITION PLAN FOR INSTALLATION OF CURB CUTS
City of Boone, Iowa - September 2003

Priority 1: Curb cuts will be installed within six months at all locations requested by disabled residents if investigation confirms any existing curb cut and/or ramp is not ADA compliant. The cost of the curb cuts completed under this priority will be funded using the annually allocated amount budgeted for the construction of curb cuts.

Priority 2: Curb cuts will continue to be included on all newly constructed and reconstructed streets as a part of the street project. The cost of the curb cuts completed under this priority will be funded using the monies budgeted for the construction or reconstruction project.

Priority 3: Curb cuts will be included on all rehabilitated and resurfaced streets as a part of the street project. Based on our current street improvement program, many curb cuts will be completed under this priority during the next seven years. The cost of curb cuts completed under this priority will be funded using the monies budgeted for the rehabilitation and resurfacing of streets.

Priority 4: Curb cuts as necessary will be installed during construction of any public sidewalk project completed under the City's existing sidewalk improvement program. This program provides for an allocation for the upgrade of public sidewalks that are assessed to the property owner for payment. The cost of curb cuts completed under this priority will be funded using the annually allocated amount budgeted for the construction of curb cuts if not already depleted under a higher priority.

Priority 5: Any portion of the annual allocation for curb cuts not expended under priorities 1 through 4 will be used to construct curb cuts at various locations throughout the City. Under priority 5 the City will solicit via the local newspaper and e-mail from the web site, for recommended locations from the public. The final determination of curb cut locations will be at the discretion of the Director of Public Works.

Priority 6: Existing curb cuts and ramps that met ADA requirements until July 1, 2001 will be reconstructed using a dimpled surface when streets abutting these ramps are totally reconstructed. The cost of work under this priority will be funded using the monies budgeted for the street reconstruction project.

CIP 11/2019:
Will need to use on 11th Street

10/19/2020: Staff Notes:
Per SUDAS standards any major reconstruction of street or new streets require the City to repave or install ADA compliant curbs.

Prior	Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
140,000	Construction/Maintenance	10,000					10,000
Total	Total	10,000					10,000

Prior	Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
140,000	Road Use Tax (RUT)	10,000					10,000

Total	Total	10,000	10,000
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Budget Impact/Other

Committee recommends approval FY2010

Administrator Recommendation 11/5/2010:
Continue funding per DOT agreement. Agreement Attached to this database.

CIP Committee 11/16/2010:
Remain active

110-210-6499

11/2018 Staff Notes:
Majority of ADA Sidewalk replacements are done at the time of street resurfacing or replacing and are included in project cost. The funds designated here are for existing street sidewalk/ADA ramp installs.

Administrator Recommendation 10/20/2011:
Remain active.

CIP Committee 11/18/2011:
Project should remain active.

Administrator Recommendation 10/26/2012:
Remain active.

CIP Committee 11/29/2012:
Project should remain active.

Boone CIP

FY '22 thru FY '26

Department Public Works

City of Boone, Iowa

Contact Public Works Director

Project #	08SWR-001
Project Name	Sanitary Sewer Management Program (CMOM)

Type Maintenance

Useful Life 40 years

Category Storm Sewer/Drainage

Priority 1 Mandatory

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$1,477,187

Description

This Program is intended to provide a management guide for the oversight, management, and maintenance of sanitary sewer infrastructure. The program is ongoing with periodic review of the program to determine effectiveness.

This CIP item is associated with and funds the Property Protection Program. As the PPP subsides, more dollars can be directed to sanitary sewer management.

CIP 11/2019:
Includes funding for lining of Sanitary Sewer.

Justification

The City of Boone is constantly facing maintenance issues related to the sanitary sewer collection system. This program will provide a means for the City to review problem areas and provide funding to repair and maintain our sanitary sewer system in a manner that will prevent emergencies in the future. Furthermore, it is intended that this program will reduce any negative impacts on Boone Citizens by preventing back-ups and other ill effects from an aging sanitary sewer system.

CIP 11/2019:
Currently have a list of 24 locations.

Prior	Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
1,102,187	Construction/Maintenance	225,000	50,000				275,000
	Study (engineering, etc.)	100,000					100,000
Total	Total	325,000	50,000				375,000

Prior	Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
1,102,187	Sanitary Sewer Receipts	295,000	50,000				345,000
	Storm Sewer Receipts	30,000					30,000
Total	Total	325,000	50,000				375,000

Budget Impact/Other

Update 11/9/2010:
CMOM is anticipated in April of 2011. Current funds have been directed to the PPP, which is being managed by the Building Official. A next key step is the purchase of flow monitor equipment. It is our goal to purchase this equipment with monies dedicated for FY2011.

Administrartor Recommendation 11/9/2010:
Sewer management is a crucial component of infrastructure in Boone. I recommend this program remain active.

CIP Committee 11/16/2010:
Remain active

Administrator Recommendation 10/20/2011:
Remain active.

CIP Committee 11/18/2011:
Project should remain active.

Administrator Recommendation 10/26/2012:
Remain active.

CIP Committee 11/29/2012:
Project should remain active. Numbers should be reviewed and updated. Most funds come from Storm Sewer Receipts.

11/2018 CIP Committee Notes:
Recommended continuing the project.

11/2019 Staff Notes: \$95,000 lining, and \$100,000 INI Study , \$30,000 PPP
Account: 610-817-6497 Lining and INI Study
740-865-6499 PPP

1/2021 Staff Notes:
610-817-6497 I/I Inspections \$100,000 and \$195,000 for Lining/Sewer Repairs
740-865-6499 PPP \$30,000

Boone CIP

FY '22 thru FY '26

Department Public Works

City of Boone, Iowa

Contact City Engineer

Project # 14STR-001
 Project Name Street Maintenance Program

Type Maintenance

Useful Life 20 years

Category Street Reconstruction

Priority 2 Critical

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$730,000

Description
 Patching and joint sealing of problem areas throughout the community.

Justification
 Road maintenance can greatly extend the life of pavement. Federal STP cannot be used for maintenance. This means that this project must be funded through RUT, LOST or bonds. Essentially this means that if local dollars are not dedicated for this program, the maintenance will not occur.

Prior	Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
490,000	Construction/Maintenance	0	120,000	120,000			240,000
Total	Total	0	120,000	120,000			240,000

Prior	Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
490,000	Local Option Sales Tax (LOST)	0	120,000	120,000			240,000
Total	Total	0	120,000	120,000			240,000

Budget Impact/Other
 Council Action 1/13/2014 approved amount for \$250,000 from FY2016 Bond issue.
 Staff Comments 11/9/15:
 Funds being used for various improvements across the community. Some of these funds are also being used for overages for other street projects.
 Administration Comments 11/4/16:
 FY2016 and 2017 went to the Crawford St Prj from 14th to 17th Street
 FY 2018 is going towards Quartz Ave Project
 FY2018 Quartz Avenue
 FY2019 McHose Park Road Overlay
 FY2020 11th Street (Division St to Linn St)
 FY2021 11th Street (Division St to Linn St)
 FY2022 S. Marshall Street (Creek Ave to Hancock) - 367

Boone CIP

FY '22 thru FY '26

Department Public Works

City of Boone, Iowa

Contact Public Works Director

Project # 21PW-0003
 Project Name Street Sweeper

Type Equipment

Useful Life 10 years

Category Equipment: PW Equip

Priority 5

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$250,000

Description

Replace Street Sweeper

Justification

Current street sweeper is starting to become a maintenance issue. We run the sweeper in the spring when the temperatures gets above freezing until fall when temperatures staft to fall below freezing. This is critical to keep our storm sewer system clean. Very corrosive equipment.

Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Construction/Maintenance	250,000					250,000
Total	250,000					250,000

Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Road Use Tax (RUT)	82,000					82,000
Sanitary Sewer Receipts	84,000					84,000
Storm Sewer Receipts	84,000					84,000
Total	250,000					250,000

Budget Impact/Other

1/2021 Use Funds available in Fund 362 to cover the cost of the RUT portion

Boone CIP

FY '22 thru FY '26

Department Storm Water

City of Boone, Iowa

Contact City Engineer

Project # 20STM-001
 Project Name Sump Pump Discharge Tile

Type Improvement

Useful Life 20 years

Category Storm Sewer/Drainage

Priority 1 Mandatory

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$305,000

Description

Install a buried tile along the back of the street curb from street intakes with a service line at each home for the homeowner to connect their sump pump discharge pipe. The tile along the back of the street will be constructed and maintained by the City, but each sump pump connection will be private.

Collector Lines

Justification

This project will target areas that have many sump pumps discharging into the street to provide an outlet for them to discharge to the storm sewer.

Prior	Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
75,000	Construction/Maintenance	30,000	50,000	50,000	50,000	50,000	230,000
Total	Total	30,000	50,000	50,000	50,000	50,000	230,000

Prior	Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
75,000	Storm Sewer Receipts	30,000	50,000	50,000	50,000	50,000	230,000
Total	Total	30,000	50,000	50,000	50,000	50,000	230,000

Budget Impact/Other

10/29/18 Staff Comments:
 Funds that have previously been designated as I/I in the Storm Water Budget should be directed to this project.

11/2018 CIP Committee Comments:
 Complaint Driven, staff will drive around and find problem areas.

Account: 740-865-6324

Boone CIP

FY '22 thru FY '26

Department Streets
 Contact Public Works Director

City of Boone, Iowa

Project # 21STR-0001
 Project Name South Marshall Street Overlay

Type Improvement
 Useful Life 25
 Category Street Paving
 Priority 3 Very Important
 Status Active

Estimated Cost
 Actual Cost

Total Project Cost: \$500,000

Description
 Overlay of South Marshall Street from Prarie Street to Hancock.

Justification
 South Marshall Street has been due from 1st street to Prarie and Hancock to Kate Shelley. The middle section needs completed.

Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Planning/Design	50,000					50,000
Construction/Maintenance	450,000					450,000
Total	500,000					500,000

Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Local Option Sales Tax (LOST)	120,000					120,000
Other	180,000					180,000
Road Use Tax (RUT)	200,000					200,000
Total	500,000					500,000

Budget Impact/Other
 To complete this project we would use \$180,000.00 of the cash balance in fund 331 Street Maintenance, FY 2022 LOST and RUT .10 Tax.
 367-750-6407 Engineering
 367-750-6760 Construction

Boone CIP

FY '22 thru FY '26

Department Waste Water

City of Boone, Iowa

Contact City Engineer

Project #	10WWF-002
Project Name	UV Disinfection at WWF

Type Equipment

Useful Life 20 years

Category Wastewater

Priority 1 Mandatory

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$1,973,000

Description
 Construction of a Ultra-Violet (UV) light disinfection system at the Waste Water Facility.

Justification
 Disinfection is required by the DNR as part of our NPDES Permit. Disinfection shall be designed for 24MGD.
 CIP Committee Notes 11/2019:
 Basement Inspection Study/fixes has resulted in a 30% reduction and has allowed us to lower the specs of this project. In January we will submit an application for a CDBG Grant that could fund upto 50% of the project or up to \$600,000.

Prior	Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
323,000	Construction/Maintenance	1,500,000					1,500,000
	Construction Engineering	150,000					150,000
Total	Total	1,650,000					1,650,000

Prior	Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
1,213,000	Grant		600,000				600,000
	Sanitary Sewer Receipts		160,000				160,000
Total	Total		760,000				760,000

Budget Impact/Other
 The disinfection system will provide a safer wastewater effluent free of bacteria.
 CIP Committee 2008:
 This project will not have to be completed unless mandated by the IDNR. This project will be on hold until more information is provided by the IDNR.
 Administrator Recommendation 12/2009:
 Remain pending.
 CIP Committee Action 1/2009:
 Remain pending.
 Administrator Recommendation 11/12/2010:
 Remain pending and consider other financing as SRF abilities are limited.
 CIP Committee 11/16/2010:
 Remain pending
 Administrator Recommendation 10/20/2011:
 Remain pending.
 CIP Committee 11/18/2011:

Project should remain pending.

Staff Update 6/18/2012:

Perry, with Foth Engineering, has reviewed the estimate and provided an updated and itemized estimate.

Administrator Recommendation 10/26/2012:

Remain pending.

CIP Committee 11/29/2012:

Project should remain active.

Staff Comments 12/21/15:

The plan is to save up funds to pay for this project. Ondrea will purchase CDs with carry-over funds until the project is ready to proceed.

Staff Comments 10/15/18:

The City has conducted a LMI Survey and meets the eligibility for a CDBG Grant. The City will pursue the CDBG grant the could cover upto \$600,000.00 of the project.

CIP Committee Notes:

Recommends changing status to active and allowing \$20,000.00 to be used in FY2020 for a study.

11/0219 Staff Comments: \$800,000 has been set aside for this project from Sanitary Sewer Receipts. Study is currently taking place.

10/19/20 Staff Comments:

Received CDBG Grant in the amount of \$600,000.00

FUND: 388

Boone CIP

FY '22 thru FY '26

Department Waste Water

City of Boone, Iowa

Contact City Engineer

Project # 14WWF-002
 Project Name VLR Gear Box Replacement

Type Maintenance

Useful Life 20 years

Category Wastewater

Priority 2 Critical

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$60,000

Description
 Vertical Loop Reactor Tank has 4 channels with each having a gear box which turns surface aerators for oxygen demand. There are 8 total.

Justification
 Current gear box is at it's life expectancy.

Prior	Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
20,000	Equip/Vehicles/Furnishings	10,000	10,000	10,000	10,000		40,000
Total	Total	10,000	10,000	10,000	10,000		40,000

Prior	Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
20,000	Sanitary Sewer Receipts	10,000	10,000	10,000	10,000		40,000
Total	Total	10,000	10,000	10,000	10,000		40,000

Budget Impact/Other
 Account: 610-816-6310
 Staff Notes 11/2019:
 2 were replaced in 2018

Boone CIP

FY '22 thru FY '26

Department Waste Water

City of Boone, Iowa

Contact City Engineer

Project #	20WWF-001
Project Name	Sewer I/I Investigation

Type Improvement

Useful Life 20 years

Category Wastewater

Priority 1 Mandatory

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$450,000

Description

Inflow and Infiltration (I/I) is the invasion of storm water into the sanitary sewer system from broken, cracked, or misaligned mains or leaking manholes. Other sources of I/I include private (residential and business) services that are cracked or broken with leaking joints and storm water connections from sump pumps.

This project will include basement inspections for sump pump connections into the Sanitary Sewer \, this inspection will be done on an area-by-area basis. Ordinance 2247 passed on September 17, 2018 requires all sump pumps to be disconnected from the sanitary sewer and authorized the City to perform a study to locate these connections.

Justification

Inflow and Infiltration in the sanitary sewer causes backups in basements and a substantial increase in energy needs and rapidly advances the need for repairs and maintenance due to increase burden on the system. I/I also reduces the sewer capacity, which shortens the life of the current treatment facility because of treating additional unnecessary storm water. This repairs, maintenance, and additional treatments significantly increases the cost and financial burden on the citizens and businesses of Boone.

Prior	Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
150,000	Study (engineering, etc.)	100,000	100,000	100,000			300,000
Total	Total	100,000	100,000	100,000			300,000

Prior	Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
150,000	Sanitary Sewer Receipts	100,000	100,000	100,000			300,000
Total	Total	100,000	100,000	100,000			300,000

Budget Impact/Other

FY2019 We will be using a combination of Wastewater and Storm Water receipts to cover the cost of this project.

FY2020 - 2022 staff proposes to use Sanitary Sewer Receipts that have typically been used for CMOM.

Account: 610-817-6497

Boone CIP

FY '22 thru FY '26

Department Waste Water

City of Boone, Iowa

Contact City Engineer

Project #	21WWF-001
Project Name	Waste Water Sludge Pit Cleaning

Type Maintenance

Useful Life

Category Wastewater

Priority n/a

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$560,000

Description

Emptying Sludge Pit on Thompson's Farm

Justification

Sludge Pit must be emptied each year.

Staff Notes 11/2019:
 There is concern that Van Wall will no longer allow Thompson's to rent the equipment (large tractors) they need to spread the lime, if this happens Thompson's will want out. May need to look into contracting the work out.

Prior	Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
60,000	Construction/Maintenance	100,000	100,000	100,000	100,000	100,000	500,000
Total	Total	100,000	100,000	100,000	100,000	100,000	500,000

Prior	Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
60,000	Sanitary Sewer Receipts	200,000	100,000	100,000	100,000		500,000
Total	Total	200,000	100,000	100,000	100,000		500,000

Budget Impact/Other

610-816-6379

Boone CIP

FY '22 thru FY '26

Department Waste Water
 Contact Utilities Superintendent
 Type Equipment
 Useful Life 20 years
 Category Wastewater
 Priority 2 Critical
 Status Active

City of Boone, Iowa

Project # 21WWF-004
 Project Name Generator-Division St Lift Station

Estimated Cost
 Actual Cost

Total Project Cost: \$100,000

Description
 An on-site generator needs to be added to the lift station to provide emergency power during power outages.

Justification
 There is loss of power during power outages that results in loss of sewer service.

Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Equip/Vehicles/Furnishings	100,000					100,000
Total	100,000					100,000

Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Sanitary Sewer Receipts	100,000					100,000
Total	100,000					100,000

Budget Impact/Other

Boone CIP

FY '22 thru FY '26

Department Water
 Contact Public Works Director
 Type Improvement
 Useful Life 40 years
 Category Water
 Priority 3 Very Important
 Status Active

City of Boone, Iowa

Project # 11WTR-007
 Project Name S Main St Water Main Improvement

Estimated Cost
 Actual Cost

Total Project Cost: \$410,000

Description
 New water main installation. Existing water main has had a substantial number of repairs. (Main Street along Park Ave to Marion Street)

Justification
 Existing 4" main is not optimal. The 4" main on S Main will have some impact when the new water tower is constructed. It is wise for the City to also run a new line along S Marion and then west through existing ROW to S Main.
 11/2019 Staff Notes: Watermain on South Main Street is in poor condition and it requiring resources to continually make repairs. By looping the system through the field towards Marion Street, this will improve services in West Boone.

Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Planning/Design	35,000					35,000
Construction/Maintenance		375,000				375,000
Total	35,000	375,000				410,000

Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Water Receipts	35,000	375,000				410,000
Total	35,000	375,000				410,000

Budget Impact/Other
 Administrator Recommendation 10/20/2011:
 Remain pending and align with timing of water tower installation.
 CIP Committee 11/18/2011:
 Project should remain pending.
 Administrator Recommendation 10/26/2012:
 Remain pending.
 CIP Committee 11/29/2012:
 Project should remain pending. Future needs my increase when water tower is built.
 2017-11 Depending on funding ability.
 11/2018 CIP Committee Notes:
 Recommended to change priority level to a 3.
 600-812-6782

Boone CIP

FY '22 thru FY '26

Department Water
 Contact City Engineer
 Type Maintenance
 Useful Life 10 years
 Category Water
 Priority 4
 Status Active

City of Boone, Iowa

Project # 14WTR-007
 Project Name Backwash Blower

Estimated Cost
 Actual Cost

Total Project Cost: \$200,000

Description
 Blower used to assist with water pressure to backwash and clean sand filters.

Justification
 Present blower is 18 years old with no backup. 11-2017

Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Equip/Vehicles/Furnishings	200,000					200,000
Total	200,000					200,000

Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Water Receipts	200,000					200,000
Total	200,000					200,000

Budget Impact/Other
 600-811-6750

Boone CIP

FY '22 thru FY '26

Department Water
 Contact Utilities Superintendent
 Type Maintenance
 Useful Life 4 years
 Category Water
 Priority 2 Critical
 Status Active

City of Boone, Iowa

Project # 19WTR-003
 Project Name Lime Residual Disposal Pond

Estimated Cost
 Actual Cost

Total Project Cost: \$750,000

Description
 Removal of lime from ponds at the Water Treatment Plant. Removal of lime needs done every even year alternating between the North and South pond.

Justification
 South pond is 100% full as of 11-2017. North pond was emptied in fall 2017.
 Staff Notes 11/2019:
 North pond is scheduled to be done in the Spring of 2020

Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Construction/Maintenance	250,000		250,000		250,000	750,000
Total	250,000		250,000		250,000	750,000

Prior	Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
125,000	Water Receipts	125,000	125,000	125,000	125,000	125,000	625,000
Total	Total	125,000	125,000	125,000	125,000	125,000	625,000

Budget Impact/Other
 11/2019 Staff Notes: Need to budget the removal of lime every other year rotating between ponds. FY2016 North Pond was complete. Staff also commented that Van-Wall is not wanting to rent out their equipment for this project, in the future we may need to purchase our own equipment.
 1/2021 Staff Notes: Will transfer \$125,000 each year to fund 370 in order to cover one pond every other year.
 370-750-6780

Boone CIP

FY '22 thru FY '26

Department Water
 Contact City Engineer
 Type Maintenance
 Useful Life 10 years
 Category Water
 Priority 2 Critical
 Status Active

City of Boone, Iowa

Project # 20WTR-003
 Project Name Water Plant Lime Silo Painting

Estimated Cost
 Actual Cost

Total Project Cost: \$31,000

Description
 This project would consist of painting the lime silo at the water plant. The lime silo is used to store the lime used for the water treatment and is showing wear and rust. It needs to be painted.

Justification
 Exterior of water plant lime silo is showing signs of rust. This project is necessary to maintain the water plant treatment process.

Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Planning/Design	6,000					6,000
Construction/Maintenance	25,000					25,000
Total	31,000					31,000

Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Water Receipts	31,000					31,000
Total	31,000					31,000

Budget Impact/Other
 600-811-6407 Engineering
 600-811-6350 Silo Painting

Boone CIP

FY '22 thru FY '26

Department Water
 Contact Utilities Superintendent
 Type Maintenance
 Useful Life 50 years
 Category Water
 Priority 2 Critical
 Status Active

City of Boone, Iowa

Project # 21WTR-001
 Project Name Water Plant Wall Repairs

Estimated Cost
 Actual Cost

Total Project Cost: \$200,000

Description
 There are numerous holes in the existing windows and cracks in the walls of the water plant. These holes and cracks all vectors to enter the water plant interior during the water production.

Justification
 It is critical to repair these holes and cracks to ensure the safety of the water during production operations.

Expenditures	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Construction/Maintenance	200,000					200,000
Total	200,000					200,000

Funding Sources	FY '22	FY '23	FY '24	FY '25	FY '26	Total
Water Receipts	200,000					200,000
Total	200,000					200,000

Budget Impact/Other

Report criteria:

- Active Projects
- All Actual Cost data
- All Categories
- All Contacts
- All Departments
- All Estimated Cost data
- All Priority Levels
- All Projects
- All Source Types
- Type: E or I or M or Z