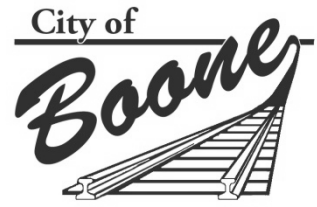


Boone Capital Improvements Program (CIP)



Document Contents -

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- [Projects By Department and Funding Sources](#)
- [All Projects – Project Descriptions](#)

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

Public Hearing by the Boone City Council: 2/19/20187

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.

City of Boone, Iowa

Boone CIP

FY '19 thru FY '23

PROJECTS BY DEPARTMENT

| Department | Project # | Priority | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--|------------|----------|------------------|---------------|----------------|------------------|---------------|------------------|
| Airport | | | | | | | | |
| T-Hangar and Taxiway (6 Unit) | 14AIR-002 | 5 | | 50,000 | 667,000 | | | 717,000 |
| East/West Taxiway Rehabilitation | 19AIR-001 | 3 | 400,000 | | | | | 400,000 |
| Airport Total | | | 400,000 | 50,000 | 667,000 | | | 1,117,000 |
| Cemetery | | | | | | | | |
| Plot South Cemetery Lots | 11CEM-001 | 10 | | | 20,000 | 20,000 | 20,000 | 60,000 |
| Columbarium II | 13CEM-001 | 6 | | 35,000 | | | | 35,000 |
| Cemetery Road Improvements | 13PRK-003 | 4 | | | 250,000 | | | 250,000 |
| Dump Truck 1 Ton | 19CEM-0003 | n/a | | 45,000 | | | | 45,000 |
| Cemetery Drainage Improvement | 19CEM-001 | 2 | 25,000 | | | | | 25,000 |
| New Pole Building for Equipment | 19CEM-002 | 3 | | | 25,000 | | | 25,000 |
| Cemetery Total | | | 25,000 | 80,000 | 295,000 | 20,000 | 20,000 | 440,000 |
| Economic Development | | | | | | | | |
| Quartz Avenue Corridor Improvements | 09STR-054 | 2 | 1,490,401 | | | | | 1,490,401 |
| Residential Housing Project | 14ED-002 | 3 | | | 200,000 | 1,200,000 | | 1,400,000 |
| Trails in South Boone | 15ED-001 | 6 | 275,000 | | | | | 275,000 |
| Eastgate Drive Extension | 15ED-003 | 5 | | 17,000 | 232,480 | | | 249,480 |
| Economic Development Total | | | 1,765,401 | 17,000 | 432,480 | 1,200,000 | | 3,414,881 |
| Fire | | | | | | | | |
| Fire Engine | 11BFD-003 | 2 | | | 545,000 | | | 545,000 |
| Fire Total | | | | | 545,000 | | | 545,000 |
| Library | | | | | | | | |
| Library Roof Replacement | 12LIB-001 | 3 | 95,000 | | | | | 95,000 |
| Library Total | | | 95,000 | | | | | 95,000 |
| Parks and Recreation | | | | | | | | |
| Ash Tree Removal | 13PRK-001 | 2 | 50,000 | 50,000 | 50,000 | | | 150,000 |
| Sand Filter System | 13PRK-007 | 3 | | | 150,000 | | | 150,000 |
| Pool Expansion | 13PRK-008 | 8 | | | 1,000,000 | | | 1,000,000 |
| Tree Trimming Bucket Truck | 14PRK-003 | 5 | | | 200,000 | | | 200,000 |
| Pool Painting Maintenance | 18PRK-001 | 3 | 65,000 | | | | | 65,000 |
| McHose Road Overlay | 18PRK-002 | 2 | 300,000 | | | | | 300,000 |
| McHose Tennis Court Re-surface | 19PRK-001 | 2 | 31,000 | | | | | 31,000 |
| Complete Ice Rink and Building at Gutteridge | 19PRK-002 | 3 | 30,000 | | | | | 30,000 |
| New Play Structure | 19PRK-003 | 4 | | 100,000 | | | | 100,000 |
| Dredge Fish Pond | 19PRK-004 | 5 | | 30,000 | | | | 30,000 |
| Memorial Park Tennis Courts Replacement | 19PRK-005 | 5 | | 60,000 | | | | 60,000 |

| Department | Project # | Priority | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--|-----------|----------|----------------|------------------|------------------|-----------|---------|------------------|
| Parks and Recreation Total | | | 476,000 | 240,000 | 1,400,000 | | | 2,116,000 |
| Police | | | | | | | | |
| Police Department Flooring | 14BPD-001 | 6 | 45,000 | | | | | 45,000 |
| Police Total | | | 45,000 | | | | | 45,000 |
| Public Works | | | | | | | | |
| South Marion & West Park Paving | 04STR-010 | 6 | | 388,500 | 1,513,000 | | | 1,901,500 |
| Sidewalk Replacement Program | 04STR-016 | 4 | 15,000 | | | | | 15,000 |
| Handicap Ramp Replacement Program | 04STR-017 | 2 | 10,000 | 22,500 | 22,500 | | | 55,000 |
| Fuel tank improvements | 11STR-006 | 4 | | 30,000 | | | | 30,000 |
| Ind Park Rd - Argo to Corp Limits | 11STR-010 | 2 | 500,500 | | | | | 500,500 |
| End Loader | 12STR-003 | 4 | | 225,000 | | | | 225,000 |
| Dump Truck with Snow Plow w/Wing Plow | 13STR-001 | 3 | | 190,000 | | | | 190,000 |
| Street Maintenance Program | 14STR-001 | 2 | 0 | 120,000 | | | | 120,000 |
| 8th Street Crawford to Division - remove/replace | 14STR-004 | 3 | | 90,720 | 993,880 | | | 1,084,600 |
| Floor Hoist | 19STR-001 | 4 | | 75,000 | | | | 75,000 |
| New Pickup Truck w/ Plow and Sander | 19STR-002 | 3 | 50,000 | | | | | 50,000 |
| 11th Street (Marion St to Linn) | 19STR-003 | 3 | | | 1,500,000 | | | 1,500,000 |
| Public Works Total | | | 575,500 | 1,141,720 | 4,029,380 | | | 5,746,600 |
| Utilities Department | | | | | | | | |
| West Boone Water Tower | 04WTR-001 | 6 | | | 180,000 | 1,760,000 | | 1,940,000 |
| Park Ave. Lift Station | 09SAN-002 | 2 | 70,000 | 640,000 | | | | 710,000 |
| Water Tower Telemetry | 10WTF-007 | 8 | | | 100,000 | | | 100,000 |
| Lime Feed System Improvements | 10WWF-001 | 6 | | | 25,000 | | | 25,000 |
| UV Disinfection at WWF | 10WWF-002 | 1 | | | 160,000 | 1,650,000 | | 1,810,000 |
| S Main St Water Main Improvement | 11WTR-007 | 5 | 410,600 | | | | | 410,600 |
| Des Moines River Access Enhancement Project | 12WTR-001 | 8 | 50,000 | | | | | 50,000 |
| Ground Storage Reservoir | 13WTR-002 | 7 | | | 100,000 | 900,000 | | 1,000,000 |
| Clinton St Water Tower Painting | 13WTR-003 | 2 | 330,000 | | | | | 330,000 |
| High Service Pump | 14WTR-003 | 5 | | 75,000 | | | | 75,000 |
| Water Plant Roof Replacement | 14WTR-005 | 6 | | 410,000 | | | | 410,000 |
| Building Sealant at Water Plant | 14WTR-006 | 3 | 35,000 | | | | | 35,000 |
| Backwash Blower | 14WTR-007 | 7 | | | 200,000 | | | 200,000 |
| Pickup Replacement | 14WTR-008 | 4 | 50,000 | | | | | 50,000 |
| Roof Replacement at WWF | 14WWF-001 | 4 | | | | | 200,000 | 200,000 |
| VL R Gear Box Replacement | 14WWF-002 | 3 | | | | | 50,000 | 50,000 |
| Air Diffuser Replacement | 14WWF-003 | 5 | | | | | 80,000 | 80,000 |
| VL R Blowers Replacement | 14WWF-006 | 6 | | | | | 400,000 | 400,000 |
| Sludge Holding Tank Blowers | 14WWF-009 | 5 | | | | | 200,000 | 200,000 |
| Portable Generator | 14WWF-011 | 4 | | | | | 70,000 | 70,000 |
| Control Computer Upgrade | 15WTR-001 | 3 | 75,000 | | | | | 75,000 |
| Claricones Painting | 15WTR-002 | 3 | 40,000 | | | | | 40,000 |
| Security System Upgrade | 15WTR-003 | 5 | | 40,000 | | | | 40,000 |
| Curtis Street Water Main Extension | 15WTR-005 | 5 | | 365,000 | | | | 365,000 |
| Linwood Drive Water Main Extension | 15WTR-006 | 5 | | | 286,000 | | | 286,000 |
| Clarifier Overhaul | 15WWF-001 | 4 | | | | | 100,000 | 100,000 |
| Equalization Basin | 15WWF-002 | 4 | | | | | 30,000 | 30,000 |
| New Well Test Pumping | 16WTR-001 | 6 | | 20,000 | | | | 20,000 |
| Ground Storage Structure Roof | 19WTR-001 | 3 | | 135,000 | | | | 135,000 |
| Roof Top Dehumidification Units | 19WTR-002 | 6 | | 200,000 | | | | 200,000 |
| Lime Residual Disposal South Pond | 19WTR-003 | 4 | | | 250,000 | | | 250,000 |
| New Water Van | 19WTR-004 | 4 | 40,000 | | | | | 40,000 |

| Department | Project # | Priority | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-----------------------------------|------------------|-----------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Digester Blower | 19WWF-001 | 6 | | | 50,000 | | | 50,000 |
| VLR Additional Blower | 19WWF-002 | 6 | | 25,000 | | | | 25,000 |
| VLR Disolve Oxygen Probes | 19WWF-003 | 6 | 10,000 | | | | | 10,000 |
| Utilities Department Total | | | 1,110,600 | 1,910,000 | 1,351,000 | 4,310,000 | 1,130,000 | 9,811,600 |
| GRAND TOTAL | | | 4,492,501 | 3,438,720 | 8,719,860 | 5,530,000 | 1,150,000 | 23,331,081 |

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 or Pending
- Type: E or I or M or Z

City of Boone, Iowa

Boone CIP

FY '19 thru FY '23

PROJECTS BY FUNDING SOURCE

| Source | Project # | Priority | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|---|-----------|----------|----------------|------------------|------------------|----------------|---------------|------------------|
| (REAP) Resource Enhancement and P | | | | | | | | |
| Des Moines River Access Enhancement Project | 12WTR-001 | 8 | 60,000 | | | | | 60,000 |
| (REAP) Resource Enhancement and Protection Total | | | 60,000 | | | | | 60,000 |
| Bond (Levy) | | | | | | | | |
| South Marion & West Park Paving | 04STR-010 | 6 | | 851,500 | | | | 851,500 |
| West Boone Water Tower | 04WTR-001 | 6 | | | 180,000 | | | 180,000 |
| Fire Engine | 11BFD-003 | 2 | | | 495,000 | | | 495,000 |
| End Loader | 12STR-003 | 4 | | 225,000 | | | | 225,000 |
| Cemetery Road Improvements | 13PRK-003 | 4 | | | 250,000 | | | 250,000 |
| Sand Filter System | 13PRK-007 | 3 | | | 150,000 | | | 150,000 |
| Pool Expansion | 13PRK-008 | 8 | | | 1,000,000 | | | 1,000,000 |
| Residential Housing Project | 14ED-002 | 3 | | | 1,150,000 | | | 1,150,000 |
| Tree Trimming Bucket Truck | 14PRK-003 | 5 | | | 200,000 | | | 200,000 |
| 8th Street Crawford to Division - remove/replace | 14STR-004 | 3 | | 1,084,600 | | | | 1,084,600 |
| New Pole Building for Equipment | 19CEM-002 | 3 | | | 50,000 | | | 50,000 |
| 11th Street (Marion St to Linn) | 19STR-003 | 3 | | | 1,500,000 | | | 1,500,000 |
| Bond (Levy) Total | | | | 2,161,100 | 4,975,000 | | | 7,136,100 |
| Cash | | | | | | | | |
| Des Moines River Access Enhancement Project | 12WTR-001 | 8 | 15,000 | | | | | 15,000 |
| Columbarium II | 13CEM-001 | 6 | | 35,000 | | | | 35,000 |
| Residential Housing Project | 14ED-002 | 3 | | | | 250,000 | | 250,000 |
| Ground Storage Structure Roof | 19WTR-001 | 3 | | 135,000 | | | | 135,000 |
| Cash Total | | | 15,000 | 170,000 | | 250,000 | | 435,000 |
| County | | | | | | | | |
| Quartz Avenue Corridor Improvements | 09STR-054 | 2 | 678,899 | | | | | 678,899 |
| County Total | | | 678,899 | | | | | 678,899 |
| General Fund | | | | | | | | |
| Plot South Cemetery Lots | 11CEM-001 | 10 | | | 20,000 | 20,000 | 20,000 | 60,000 |
| Pool Painting Maintenance | 18PRK-001 | 3 | 15,000 | | | | | 15,000 |
| General Fund Total | | | 15,000 | | 20,000 | 20,000 | 20,000 | 75,000 |
| Grant | | | | | | | | |
| T-Hangar and Taxiway (6 Unit) | 14AIR-002 | 5 | | 45,000 | 555,000 | | | 600,000 |

| Source | Project # | Priority | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--|-----------|----------|----------------|---------------|----------------|--------|--------|------------------|
| East/West Taxiway Rehabilitation | 19AIR-001 | 3 | 360,000 | | | | | 360,000 |
| Complete Ice Rink and Building at Gutteridge | 19PRK-002 | 3 | 20,000 | | | | | 20,000 |
| New Play Structure | 19PRK-003 | 4 | | 25,000 | | | | 25,000 |
| Grant Total | | | 380,000 | 70,000 | 555,000 | | | 1,005,000 |

Grant (RISE)

| | | | | | | | | |
|-------------------------------------|-----------|---|----------------|--|--|--|--|----------------|
| Quartz Avenue Corridor Improvements | 09STR-054 | 2 | 454,802 | | | | | 454,802 |
| Grant (RISE) Total | | | 454,802 | | | | | 454,802 |

Grant (STP)

| | | | | | | | | |
|-----------------------------------|-----------|---|----------------|----------------|--|--|--|------------------|
| South Marion & West Park Paving | 04STR-010 | 6 | | 800,000 | | | | 800,000 |
| Ind Park Rd - Argo to Corp Limits | 11STR-010 | 2 | 360,000 | | | | | 360,000 |
| Grant (STP) Total | | | 360,000 | 800,000 | | | | 1,160,000 |

Local Option Sales Tax (LOST)

| | | | | | | | | |
|--|------------|-----|----------------|----------------|----------------|--|--|----------------|
| Fire Engine | 11BFD-003 | 2 | | | 50,000 | | | 50,000 |
| Library Roof Replacement | 12LIB-001 | 3 | 35,000 | | | | | 35,000 |
| Ash Tree Removal | 13PRK-001 | 2 | 50,000 | 50,000 | 50,000 | | | 150,000 |
| T-Hangar and Taxiway (6 Unit) | 14AIR-002 | 5 | | 5,000 | 112,000 | | | 117,000 |
| Police Department Flooring | 14BPD-001 | 6 | 45,000 | | | | | 45,000 |
| Street Maintenance Program | 14STR-001 | 2 | 0 | 120,000 | | | | 120,000 |
| Pool Painting Maintenance | 18PRK-001 | 3 | 50,000 | | | | | 50,000 |
| McHose Road Overlay | 18PRK-002 | 2 | 120,000 | | | | | 120,000 |
| East/West Taxiway Rehabilitation | 19AIR-001 | 3 | 40,000 | | | | | 40,000 |
| Dump Truck 1 Ton | 19CEM-0003 | n/a | | 45,000 | | | | 45,000 |
| McHose Tennis Court Re-surface | 19PRK-001 | 2 | 31,000 | | | | | 31,000 |
| New Play Structure | 19PRK-003 | 4 | | 50,000 | | | | 50,000 |
| Dredge Fish Pond | 19PRK-004 | 5 | | 30,000 | | | | 30,000 |
| Memorial Park Tennis Courts Replacement | 19PRK-005 | 5 | | 60,000 | | | | 60,000 |
| Local Option Sales Tax (LOST) Total | | | 371,000 | 360,000 | 212,000 | | | 943,000 |

Mary Garvey Trust

| | | | | | | | | |
|--|-----------|---|---------------|---------------|--|--|--|---------------|
| Complete Ice Rink and Building at Gutteridge | 19PRK-002 | 3 | 10,000 | | | | | 10,000 |
| New Play Structure | 19PRK-003 | 4 | | 25,000 | | | | 25,000 |
| Mary Garvey Trust Total | | | 10,000 | 25,000 | | | | 35,000 |

Road Use Tax (RUT)

| | | | | | | | | |
|---------------------------------------|-----------|---|----------------|----------------|---------------|--|--|----------------|
| Sidewalk Replacement Program | 04STR-016 | 4 | 15,000 | | | | | 15,000 |
| Handicap Ramp Replacement Program | 04STR-017 | 2 | 10,000 | 22,500 | 22,500 | | | 55,000 |
| Fuel tank improvements | 11STR-006 | 4 | | 30,000 | | | | 30,000 |
| Dump Truck with Snow Plow w/Wing Plow | 13STR-001 | 3 | 95,000 | 95,000 | | | | 190,000 |
| McHose Road Overlay | 18PRK-002 | 2 | 40,000 | | | | | 40,000 |
| Floor Hoist | 19STR-001 | 4 | | 75,000 | | | | 75,000 |
| New Pickup Truck w/ Plow and Sander | 19STR-002 | 3 | 15,000 | | | | | 15,000 |
| Road Use Tax (RUT) Total | | | 175,000 | 222,500 | 22,500 | | | 420,000 |

| Source | Project # | Priority | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--|-----------|----------|---------------|----------------|----------------|------------------|------------------|------------------|
| Sanitary Sewer Receipts | | | | | | | | |
| Park Ave. Lift Station | 09SAN-002 | 2 | 70,000 | 530,000 | | | | 600,000 |
| Lime Feed System Improvements | 10WWF-001 | 6 | | | 25,000 | | | 25,000 |
| UV Disinfection at WWF | 10WWF-002 | 1 | | | 150,000 | 1,500,000 | 160,000 | 1,810,000 |
| Roof Replacement at WWF | 14WWF-001 | 4 | | | | | 200,000 | 200,000 |
| VLR Gear Box Replacement | 14WWF-002 | 3 | | | | | 50,000 | 50,000 |
| Air Diffuser Replacement | 14WWF-003 | 5 | | | | | 80,000 | 80,000 |
| VLR Blowers Replacement | 14WWF-006 | 6 | | | | | 400,000 | 400,000 |
| Sludge Holding Tank Blowers | 14WWF-009 | 5 | | | | | 200,000 | 200,000 |
| Portable Generator | 14WWF-011 | 4 | | | | | 70,000 | 70,000 |
| Clarifier Overhaul | 15WWF-001 | 4 | | | | | 100,000 | 100,000 |
| New Pickup Truck w/ Plow and Sander | 19STR-002 | 3 | 10,000 | | | | | 10,000 |
| Digester Blower | 19WWF-001 | 6 | | | 50,000 | | | 50,000 |
| VLR Additional Blower | 19WWF-002 | 6 | | 25,000 | | | | 25,000 |
| VLR Dissolve Oxygen Probes | 19WWF-003 | 6 | 10,000 | | | | | 10,000 |
| Sanitary Sewer Receipts Total | | | 90,000 | 555,000 | 225,000 | 1,500,000 | 1,260,000 | 3,630,000 |
| Sewer Revenue Bond | | | | | | | | |
| Equalization Basin | 15WWF-002 | 4 | | | | | 3,060,000 | 3,060,000 |
| Sewer Revenue Bond Total | | | | | | | 3,060,000 | 3,060,000 |
| Storm Sewer Receipts | | | | | | | | |
| Cemetery Drainage Improvement | 19CEM-001 | 2 | 25,000 | | | | | 25,000 |
| New Pickup Truck w/ Plow and Sander | 19STR-002 | 3 | 15,000 | | | | | 15,000 |
| Storm Sewer Receipts Total | | | 40,000 | | | | | 40,000 |
| Tax Increment Financing (TIF) | | | | | | | | |
| South Marion & West Park Paving | 04STR-010 | 6 | | 250,000 | | | | 250,000 |
| Eastgate Drive Extension | 15ED-003 | 5 | | | 249,480 | | | 249,480 |
| Tax Increment Financing (TIF) Total | | | | 250,000 | 249,480 | | | 499,480 |
| Water Receipts | | | | | | | | |
| West Boone Water Tower | 04WTR-001 | 6 | | | | 60,000 | | 60,000 |
| Water Tower Telemetry | 10WTF-007 | 8 | | | 100,000 | | | 100,000 |
| S Main St Water Main Improvement | 11WTR-007 | 5 | 410,600 | | | | | 410,600 |
| Clinton St Water Tower Painting | 13WTR-003 | 2 | 330,000 | | | | | 330,000 |
| High Service Pump | 14WTR-003 | 5 | | 75,000 | | | | 75,000 |
| Water Plant Roof Replacement | 14WTR-005 | 6 | | 410,000 | | | | 410,000 |
| Building Sealant at Water Plant | 14WTR-006 | 3 | 35,000 | | | | | 35,000 |
| Backwash Blower | 14WTR-007 | 7 | | | 200,000 | | | 200,000 |
| Pickup Replacement | 14WTR-008 | 4 | 50,000 | | | | | 50,000 |
| Control Computer Upgrade | 15WTR-001 | 3 | 75,000 | | | | | 75,000 |
| Claricones Painting | 15WTR-002 | 3 | 40,000 | | | | | 40,000 |
| Security System Upgrade | 15WTR-003 | 5 | | 40,000 | | | | 40,000 |
| New Well Test Pumping | 16WTR-001 | 6 | | 20,000 | | | | 20,000 |
| New Pickup Truck w/ Plow and Sander | 19STR-002 | 3 | 10,000 | | | | | 10,000 |
| Roof Top Dehumidification Units | 19WTR-002 | 6 | | 200,000 | | | | 200,000 |
| Lime Residual Disposal South Pond | 19WTR-003 | 4 | | | 250,000 | | | 250,000 |
| New Water Van | 19WTR-004 | 4 | 40,000 | | | | | 40,000 |

| Source | Project # | Priority | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------------------|-----------|----------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Water Receipts Total | | | 990,600 | 745,000 | 550,000 | 60,000 | | 2,345,600 |
| Water Revenue Bond | | | | | | | | |
| West Boone Water Tower | 04WTR-001 | 6 | | | | 1,700,000 | | 1,700,000 |
| Ground Storage Reservoir | 13WTR-002 | 7 | | | 1,000,000 | | | 1,000,000 |
| Curtis Street Water Main Extension | 15WTR-005 | 5 | | 365,000 | | | | 365,000 |
| Linwood Drive Water Main Extension | 15WTR-006 | 5 | | | 286,000 | | | 286,000 |
| Water Revenue Bond Total | | | | 365,000 | 1,286,000 | 1,700,000 | | 3,351,000 |
| GRAND TOTAL | | | 3,640,301 | 5,723,600 | 8,094,980 | 3,530,000 | 4,340,000 | 25,328,881 |

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 or Pending
- Type: E or I or M or Z

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Airport
Contact Airport Commission
Type Improvement
Useful Life 50 years
Category Buildings
Priority 5
Status Pending

Project # 14AIR-002
Project Name T-Hangar and Taxiway (6 Unit)

Estimated Cost
Actual Cost

Total Project Cost: \$717,000

Description
 The airport maintains a waiting list for additional hangar space, and is constantly turning down potential airport tenants due to a lack of available hangars. Addition of this hangar will allow additional aircraft to be based at the airport.

Justification

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Planning/Design | | 50,000 | | | | 50,000 |
| Construction/Maintenance | | | 667,000 | | | 667,000 |
| Total | | 50,000 | 667,000 | | | 717,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Grant | | 45,000 | 555,000 | | | 600,000 |
| Local Option Sales Tax (LOST) | | 5,000 | 112,000 | | | 117,000 |
| Total | | 50,000 | 667,000 | | | 717,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Airport
Contact Airport Commission
Type Improvement
Useful Life
Category Special Projects
Priority 3 Very Important
Status Pending

Project # 19AIR-001
Project Name East/West Taxiway Rehabilitation

Estimated Cost
Actual Cost

Total Project Cost: \$400,000

Description
 Design and reconstruct the East/West taxiway and the West taxiway in front of the existing T-hangars.

Justification
 FAA has awarded a grant to cover 90% of the cost of the project.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|----------------|---------------|---------------|---------------|---------------|----------------|
| Construction/Maintenance | 400,000 | | | | | 400,000 |
| Total | 400,000 | | | | | 400,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------------|----------------|---------------|---------------|---------------|---------------|----------------|
| Grant | 360,000 | | | | | 360,000 |
| Local Option Sales Tax (LOST) | 40,000 | | | | | 40,000 |
| Total | 400,000 | | | | | 400,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Cemetery
Contact Parks Director
Type Improvement
Useful Life 50 years
Category Special Projects
Priority 10 Future Consideration
Status Pending

Project # 11CEM-001
Project Name Plot South Cemetery Lots

Estimated Cost
Actual Cost

Total Project Cost: \$60,000

Description
 Survey south nine acres to expand cemetery land.

Justification
 Preparation for expansion needs at the cemetery. Each acre of expansion can accommodate approximately 800 sites. This project could be divided into several phases.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|---------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Planning/Design | | | 20,000 | 20,000 | 20,000 | 60,000 |
| Total | | | 20,000 | 20,000 | 20,000 | 60,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| General Fund | | | 20,000 | 20,000 | 20,000 | 60,000 |
| Total | | | 20,000 | 20,000 | 20,000 | 60,000 |

Budget Impact/Other
 Administrator Recommendation 11/16/2011:
 Remain pending.
 CIP Committee 11/18/2011:
 Project should remain pending.
 Administrator Recommendation 11/26/2012:
 Remain pending.
 CIP Committee 11/29/2012:
 Project should remain pending.
 Administration Recommendation 11/4/16:
 Remain pending.

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Cemetery
Contact Parks Director
Type Improvement
Useful Life 50 years
Category Buildings
Priority 6 Important
Status Pending

Project # 13CEM-001
Project Name Columbarium II

Estimated Cost
Actual Cost

Total Project Cost: \$35,000

Description
 A columbarium is a place for the respectful and usually public storage of cinerary urns (i.e. urns holding a deceased's cremated remains). Today's columbaria can be either free standing units, or part of a mausoleum or another building. Some manufacturers produce columbaria that are built entirely off-site and brought to the cemetery by a large truck.

Justification
 A columbarium can provide a steady revenue stream for the cemetery and is an added amenity/service for the community. The first columbarium has been a success. As funds are generated through the sale of niches, the Park Commission would like to add a second columbarium with revenues from the first.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Construction/Maintenance | | 35,000 | | | | 35,000 |
| Total | | 35,000 | | | | 35,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Cash | | 35,000 | | | | 35,000 |
| Total | | 35,000 | | | | 35,000 |

Budget Impact/Other
 11/20/2013 - Committee Comments:
 If revenues generated by the first columbarium cover cost of a new unit, this should move forward.

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Cemetery
Contact Parks Director
Type Improvement
Useful Life 30 years
Category Street Paving
Priority 4
Status Pending

Project # 13PRK-003
Project Name Cemetery Road Improvements

Estimated Cost
Actual Cost

Total Project Cost: \$250,000

Description
 Cemetery roads are beginning to deteriorate. Improvements yet to be determined, but may include overlay, or mill and overlay. Estimate is very rough and assumed improving only portion of the roadways.

Justification
 10/27/14 Park Commission:
 Road is in critical shape.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Planning/Design | | | 25,000 | | | 25,000 |
| Construction/Maintenance | | | 200,000 | | | 200,000 |
| Construction Engineering | | | 25,000 | | | 25,000 |
| Total | | | 250,000 | | | 250,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Bond (Levy) | | | 250,000 | | | 250,000 |
| Total | | | 250,000 | | | 250,000 |

Budget Impact/Other

Boone CIP

FY '19 thru FY '23

Department Cemetery
Contact Public Works Director
Type Unassigned
Useful Life
Category Vehicles
Priority n/a
Status Active

City of Boone, Iowa

Project # 19CEM-0003
Project Name Dump Truck 1 Ton

Estimated Cost
Actual Cost

Total Project Cost: \$45,000

Description
 1 Ton Dump Truck to backfill graves.

Justification
 Current truck is a 2003

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Equip/Vehicles/Furnishings | | 45,000 | | | | 45,000 |
| Total | | 45,000 | | | | 45,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Local Option Sales Tax (LOST) | | 45,000 | | | | 45,000 |
| Total | | 45,000 | | | | 45,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Cemetery
Contact Public Works Director
Type Improvement
Useful Life 20 years
Category Storm Sewer/Drainage
Priority 2 Critical
Status Active

Project # 19CEM-001
Project Name Cemetery Drainage Improvement

Estimated Cost 25000
Actual Cost

Total Project Cost: \$25,000

Description
 Remove and replace approximately 13 storm water intakes.

Justification
 Existing ones are old and collapsing.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Construction/Maintenance | 25,000 | | | | | 25,000 |
| Total | 25,000 | | | | | 25,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Storm Sewer Receipts | 25,000 | | | | | 25,000 |
| Total | 25,000 | | | | | 25,000 |

Budget Impact/Other
 Will need to take out of Storm Water Receipts, high priority for the Park Board.

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Cemetery
Contact Public Works Director
Type Unassigned
Useful Life 30 years
Category Buildings
Priority 3 Very Important
Status Pending

Project # 19CEM-002
Project Name New Pole Building for Equipment

Estimated Cost
Actual Cost

Total Project Cost: \$25,000

Description
 New 30 x 40 steel building to store supplies and equipment.

Justification
 Existing building is 90 years old and needs a new roof.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Construction/Maintenance | | | 25,000 | | | 25,000 |
| Total | | | 25,000 | | | 25,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Bond (Levy) | | | 50,000 | | | 50,000 |
| Total | | | 50,000 | | | 50,000 |

Budget Impact/Other

Boone CIP

FY '19 thru FY '23

Department Economic Development

City of Boone, Iowa

Contact City Engineer

| | |
|---------------------|--|
| Project # | 09STR-054 |
| Project Name | Quartz Avenue Corridor Improvements |

Type Improvement

Useful Life 40 years

Category Street Construction

Priority 2 Critical

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$1,617,401

| Description |
|--|
| <p>This project is located on Quartz Avenue from 950-feet north of Industrial Park Road to 22nd Street and involves approximately 4,300 linear feet of paving.</p> <p>Update 10/16/2014: This project received a jumpstart due to favorable bids for the Industrial Park Road Project. Approximately 950-feet of Quartz was paved in the spring of 2014. In addition, the County has expressed some interest in working with the City to fully pave Quartz to 22nd.</p> <p>Administration Comments 11/4/16: City and County received a 80/20 RISE grant to pave 1500 feet Quartz Ave. The City and County agreed to split the 20% local share 50/50.</p> <p>The City is waiting for the County to sign and return a 28E agreement to complete the approx. remaining 2800 feet with a 40/60 cost share.</p> |

| Justification |
|--|
| <p>Final negotiations with Technochem included a commitment from the city of Boone to pave Quartz Ave beginning at the Industrial Park Road and extending north to the entrance of Technochem. This improvement will also enhance marketing opportunities for future industrial prospects to locate in the area.</p> <p>While Technochem has not achieved their minimum valuation, there continues to be prospects for future development in the area. The key to future development is based on two major factors; 1) Upgrades with BSRR and 2) Pavement of Quartz to 22nd. Not only will pavement assist in achieving growth goals of the City but also improve safety and health conditions of property adjacent to Quartz Ave.</p> |

| Prior | Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|--------------------------|------------------|--------|--------|--------|--------|------------------|
| 127,000 | Construction/Maintenance | 1,490,401 | | | | | 1,490,401 |
| Total | Total | 1,490,401 | | | | | 1,490,401 |

| Prior | Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|-----------------|------------------|--------|--------|--------|--------|------------------|
| 483,700 | County | 678,899 | | | | | 678,899 |
| | Grant (RISE) | 454,802 | | | | | 454,802 |
| Total | Total | 1,133,701 | | | | | 1,133,701 |

| Budget Impact/Other |
|--|
| <p>CIP Committee 2008: Due to bonding limits this project should be delayed to FY2011. Also, the development of this road should be tied to annexation along any road portions to be improved.</p> <p>Also recommended - until the road is paved, the City should work with Boone County regarding the maintenance of Quartz.</p> <p>Administrator Recommendation 12/2009: Remove this project and make development driven or maintain pending status until development driven.</p> <p>CIP Committee Action 1/7/2010: Committee concurs with Administrator recommendation.</p> <p>Administrator Recommendation 10/20/2011: Remain pending.</p> <p>CIP Committee 11/18/2011: Project should remain pending.</p> |

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

Administrator Comments 9/17/2013:

The project should be considered for active status within the next five years. This will depend upon the achievement of a cooperative effort with Boone County. The funding portion labeled as "Grant" could be the County's portion of the roadway.

Administrator Comments 10/16/2014:

Project should be grant contingent. Grant monies would be federal appropriation if we can use previously planned overpass dollars. The remaining portion would be divided three ways (City, County, Fareway/Industrial Park).

Administration Comments 11/4/16:

City and County received RISE Grant and will split remain balance 50% each.

Boone CIP

FY '19 thru FY '23

Department Economic Development

City of Boone, Iowa

Contact Administrator

| | |
|---------------------|------------------------------------|
| Project # | 14ED-002 |
| Project Name | Residential Housing Project |

Type Improvement

Useful Life 50 years

Category Special Projects

Priority 3 Very Important

Status Pending

Estimated Cost

Actual Cost

Total Project Cost: \$1,400,000

Description

Boone has potential for growth. For many years residential growth in Boone has been sluggish. Our City has been involved in several upper-end housing developments whereby LMI set-a-side was required. Those funds are now available for affordable housing. For the purposes of this special project, affordable housing is defined as housing under \$175,000.

This special project includes purchase of land and improvements associated with an affordable housing subdivision. The goal is 40 lots with 50% of the lots (including constructed homes) to sell for under \$175,000. The remaining lots can contain homes at higher values. This requirement provides access to our LMI fund set-a-side.

Justification

Growth in Boone is critical to maintain current service levels. Ag values have driven the residential rollback downward. That has lead to higher taxable value on residential property. That higher value has kept the City stable over the past several years. As ag values drop so too will our property tax revenue.

Administrator Recommendation 9/10/2014:
 This is an important project for Boone. This proposal is written in such a way that the City becomes the developer; however, if a private developer comes forward the City should consider assistance to help make the project successful. Recommendation is that the project become active.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|----------------|------------------|---------------|------------------|
| Planning/Design | | | 200,000 | | | 200,000 |
| Construction/Maintenance | | | | 1,200,000 | | 1,200,000 |
| Total | | | 200,000 | 1,200,000 | | 1,400,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|------------------|----------------|---------------|------------------|
| Bond (Levy) | | | 1,150,000 | | | 1,150,000 |
| Cash | | | | 250,000 | | 250,000 |
| Total | | | 1,150,000 | 250,000 | | 1,400,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Economic Development
Contact Administrator
Type Improvement
Useful Life 40 years
Category Special Projects
Priority 6 Important
Status Pending

Project # 15ED-001
Project Name Trails in South Boone

Estimated Cost
Actual Cost

Total Project Cost: \$340,000

Description

The Boone Trails Committee continues to work towards interconnecting communities and also working to connect communities internally. One of their motivations is to provide safe travel for pedestrians and those seeking recreational opportunities for walking, biking and other non-motorized movement. This special project includes several trails around south Boone where new development is attracting pedestrian traffic. A key focus for this project is improved pedestrian safety.

This project is for 8-foot trails spanning approximately 6,000 linear feet. Estimates have not been engineered and refer generally to cost per linear foot of typical sidewalk. Grading and fill will be additional costs. This project can be phased-in over time.

Justification

Two tragic accidents have occurred in the area proposed for trail development. Improving pedestrian access will improve safety in the area.

| Prior | Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|--------------------------|----------------|---------------|---------------|---------------|---------------|----------------|
| 65,000 | Construction/Maintenance | 275,000 | | | | | 275,000 |
| Total | Total | 275,000 | | | | | 275,000 |

Prior
340,000
Total

Budget Impact/Other

Possible Grant

Boone CIP

FY '19 thru FY '23

Department Economic Development

City of Boone, Iowa

Contact Administrator

| | |
|---------------------|---------------------------------|
| Project # | 15ED-003 |
| Project Name | Eastgate Drive Extension |

Type Improvement

Useful Life 40 years

Category Sanitary Sewer

Priority 5

Status Pending

Estimated Cost

Actual Cost

Total Project Cost: \$249,480

| |
|---|
| Description |
| 250' Extension of sanitary sewer, water, and street for future development. |

| |
|----------------------|
| Justification |
| |

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Planning/Design | | 17,000 | | | | 17,000 |
| Construction/Maintenance | | | 210,480 | | | 210,480 |
| Construction Engineering | | | 22,000 | | | 22,000 |
| Total | | 17,000 | 232,480 | | | 249,480 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Tax Increment Financing (TIF) | | | 249,480 | | | 249,480 |
| Total | | | 249,480 | | | 249,480 |

| |
|--|
| Budget Impact/Other |
| Staff Comments 11/12/15: This project is dependent upon establishing a development agreement whereby the street, sewer, and water would be installed by a developer and a portion or all of the development costs would be rebated through TIF. |
| CIP Comments 11/10/16: TIF Rebate back to the developer. Discussion has taken place over the past couple weeks. If rebates take place there is no capital outlay of cash by the City. |

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Fire
Contact Fire Chief
Type Equipment
Useful Life 20 years
Category Vehicles
Priority 2 Critical
Status Pending

Project # 11BFD-003
Project Name Fire Engine

Estimated Cost
Actual Cost

Total Project Cost: \$545,000

Description
 Custom cab 1st Line Fire Engine. This is typically the first engine to leave for a fire or medical assist call.

Justification
 The age of the current 1st Line Fire Engine is a 1995 model year. While it has held up well it is showing signs of age. NFPA standards suggest moving this 1st line vehicle to a secondary status given the age and condition of the unit. This engine is used every day for a variety of calls (medical, fire, extrication, public education). An updated unit will improve efficiency in daily operations.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Equip/Vehicles/Furnishings | | | 545,000 | | | 545,000 |
| Total | | | 545,000 | | | 545,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Bond (Levy) | | | 495,000 | | | 495,000 |
| Local Option Sales Tax (LOST) | | | 50,000 | | | 50,000 |
| Total | | | 545,000 | | | 545,000 |

Budget Impact/Other
 Administrator Recommendation 10/21/2011:
 Remain pending and research funding.
 Administrator Recommendation 10/31/2012:
 Remain pending.
 CIP Committee 11/29/2012:
 Project should remain active.
 Staff Notes 11/13/2013:
 Cost estimates updated due to new emissions standards. (previous estimate \$400,000 - new estimate is \$525,000)
 Staff Notes: Cost estimate updated due to cost increases. (Previous estimate in 2013 \$525,000- new estimate is \$545,000)

Boone CIP

FY '19 thru FY '23

Department Library
Contact Library Director
Type Maintenance
Useful Life 20 years
Category Buildings
Priority 3 Very Important
Status Active

City of Boone, Iowa

Project # 12LIB-001
Project Name Library Roof Replacement

Estimated Cost
Actual Cost

Total Project Cost: \$95,000

Description

The roof has been inspected and needs replaced within the next five years. The south roof was replaced in 1991 and the north side was installed during renovation in 1994. There is also a need to increase insulation efficiency (increased R-value).

Justification

Leaks were discovered and patched in 2011. The roof currently has limited insulation value. Improving insulation efficiency will improve heating/cooling costs. The cost estimate includes 4% increase over three years.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Construction/Maintenance | 95,000 | | | | | 95,000 |
| Total | 95,000 | | | | | 95,000 |

| Prior | Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 60,000 | Local Option Sales Tax (LOST) | 35,000 | | | | | 35,000 |
| Total | Total | 35,000 | | | | | 35,000 |

Budget Impact/Other

Administrator Recommendation 11/5/2012:
 Make active. Maintaining the integrity of a roof is crucial for building longevity.

CIP Committee Recommendation 11/29/2012:
 Make active.

Comments from Library Director (JW) 11/5/15:
 Additional patching occurred in September of 2014, which means the project could be delayed until FY19 to help with funding the Boilers and Chiller Equipment Replacement project budget.

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Parks and Recreation

Contact Parks Director

Type Maintenance

Useful Life 10 years

Category Park Improvements

Priority 2 Critical

Status Active

Total Project Cost: \$336,000

| | |
|---------------------|-------------------------|
| Project # | 13PRK-001 |
| Project Name | Ash Tree Removal |

Estimated Cost

Actual Cost

| Description |
|--|
| Emerald ash borer (EAB), is an exotic beetle that was discovered in southeastern Michigan near Detroit in the summer of 2002. The adult beetles nibble on ash foliage but cause little damage. The larvae (the immature stage) feed on the inner bark of ash trees, disrupting the tree's ability to transport water and nutrients. Emerald ash borer probably arrived in the United States on solid wood packing material carried in cargo ships or airplanes originating in its native Asia. |

| Justification |
|---|
| The canopy of infested trees begins to thin above infested portions of the trunk and major branches because the borer destroys the water and nutrient conducting tissues under the bark. Heavily infested trees exhibit canopy die-back usually starting at the top of the tree. One-third to one-half of the branches may die in one year. Most of the canopy will be dead within 2 years of when symptoms are first observed. |

| Prior | Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|--------------------------|---------------|---------------|---------------|--------|--------|----------------|
| 186,000 | Construction/Maintenance | 50,000 | 50,000 | 50,000 | | | 150,000 |
| Total | Total | 50,000 | 50,000 | 50,000 | | | 150,000 |

| Prior | Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|-------------------------------|---------------|---------------|---------------|--------|--------|----------------|
| 216,000 | Local Option Sales Tax (LOST) | 50,000 | 50,000 | 50,000 | | | 150,000 |
| Total | Total | 50,000 | 50,000 | 50,000 | | | 150,000 |

| Budget Impact/Other |
|---|
| <p>Staff Comments 10/8/2013: Parks staff is already removing ash trees as part of regular daily activities. This is our early attempt to get ahead of the issue. It is difficult to predict when we will begin to see this become a bigger issue.</p> <p>10/27/14 Park Commission Update: Council approved use of reserves at \$91,000. This was due to arrival of EAB sooner than expected.</p> <p>Administration Comments 11/4/16: If funds are available increase.</p> <p>CIP Comments 11/10/16: Due to the deterioration of the trees. CIP recommended taking an additional \$25,000 from RUT to help with additional funding of the removal of ASH Trees.</p> <p>11/2017 Council and Park Commission moved \$15,000 from Ash Tree Removal to finish the new Park Building.</p> |

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Parks and Recreation
Contact Parks Director
Type Maintenance
Useful Life 20 years
Category Equipment: Miscellaneous
Priority 3 Very Important
Status Pending

Project # 13PRK-007
Project Name Sand Filter System

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 '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Construction/Maintenance | | | 150,000 | | | 150,000 |
| Total | | | 150,000 | | | 150,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Bond (Levy) | | | 150,000 | | | 150,000 |
| Total | | | 150,000 | | | 150,000 |

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.

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Parks and Recreation

Contact Parks Director

Type Improvement

Useful Life 20 years

Category Park Improvements

Priority 8 Less Important

Status Pending

Total Project Cost: \$1,000,000

Project # 13PRK-008
Project Name Pool Expansion

Estimated Cost

Actual Cost

Description

Expand and add to existing pool facility; Lazy River, 10 meter diving board, fast water slide, etc.

Justification

Attendance has been dropping over the years because surrounding communities have built water parks and families are drawn to those facilities. Boone pool is nice but dated. Need to add some features to keep local families and draw out of town families to facility.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|------------------|---------------|---------------|------------------|
| Construction/Maintenance | | | 1,000,000 | | | 1,000,000 |
| Total | | | 1,000,000 | | | 1,000,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|------------------|---------------|---------------|------------------|
| Bond (Levy) | | | 1,000,000 | | | 1,000,000 |
| Total | | | 1,000,000 | | | 1,000,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Parks and Recreation

Contact Parks Director

Type Equipment

Useful Life 10 years

Category Vehicles

Priority 5

Status Pending

Total Project Cost: \$200,000

Project # 14PRK-003
Project Name Tree Trimming Bucket Truck

Estimated Cost

Actual Cost

Description

Current bucket truck was new in 2000. The truck is used heavily and is showing signs of wear.

Justification

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Equip/Vehicles/Furnishings | | | 200,000 | | | 200,000 |
| Total | | | 200,000 | | | 200,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Bond (Levy) | | | 200,000 | | | 200,000 |
| Total | | | 200,000 | | | 200,000 |

Budget Impact/Other

Staff Comments 11/9/2015:
 The current bucket truck is still holding up. We can hold off for a couple years.

Boone CIP

FY '19 thru FY '23

Department Parks and Recreation**City of Boone, Iowa****Contact** Parks Director

Project # 18PRK-001
Project Name Pool Painting Maintenance

Type Improvement**Useful Life** 10 years**Category** Park Improvements**Priority** 3 Very Important**Status** Active**Estimated Cost** 60000**Actual Cost** 53000**Total Project Cost:** \$65,000**Description**

Clean and sandblast all three pools. Repair damages and replace caulking. Repaint the pool with slip resistance paint.

Justification

2017-11-01 Park Commission has requested that this is their top priority for 2019, due to State regulations and condition of current pool surface. The last time it was painted was July 2012.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Construction/Maintenance | 65,000 | | | | | 65,000 |
| Total | 65,000 | | | | | 65,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| General Fund | 15,000 | | | | | 15,000 |
| Local Option Sales Tax (LOST) | 50,000 | | | | | 50,000 |
| Total | 65,000 | | | | | 65,000 |

Budget Impact/Other

Administrator Recommendation 11/16/2011:

This is a critical maintenance component for ongoing success of the Boone Municipal Pool. Recommend making this project active. Parks should attempt to cover a portion of this expense from their operations budget (General Fund).

CIP Committee 11/18/2011:

Project should be active. Park budget should reflect \$15,000 towards this project.

Administration Recommendation 10/31/16:

This is a critical maintenance component for ongoing success of the Boone Municipal Pool. Recommend making this project active. Parks should attempt to cover a portion of this expense from their operations budget (General Fund).

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Parks and Recreation

Contact Parks Director

Type Maintenance

Useful Life 20 years

Category Park Improvements

Priority 2 Critical

Status Active

Total Project Cost: \$300,000

Project # 18PRK-002
Project Name McHose Road Overlay

Estimated Cost
Actual Cost

Description
 Years of wear and tear and frost heaves have made this road deteriorate.

Justification

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|----------------|---------------|---------------|---------------|---------------|----------------|
| Construction/Maintenance | 300,000 | | | | | 300,000 |
| Total | 300,000 | | | | | 300,000 |

| Prior | Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|-------------------------------|----------------|---------------|---------------|---------------|---------------|----------------|
| 140,000 | Local Option Sales Tax (LOST) | 120,000 | | | | | 120,000 |
| | Road Use Tax (RUT) | 40,000 | | | | | 40,000 |
| Total | Total | 160,000 | | | | | 160,000 |

Budget Impact/Other
 Administration Recommendation: vital part of the park system as it is used by many citizens.

Prior
 300,000
Total

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Parks and Recreation

Contact

Project # 19PRK-001
Project Name McHose Tennis Court Re-surface

Type Maintenance

Useful Life 10 years

Category Unassigned

Priority 2 Critical

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$31,000

Description
 Cleaning 6 existing tennis courts. Filling in 820 feet of control joints with court patch binder. Installing patches, 1 coat of acrylic resurfacer, 2 coats green and red fortified acrylic and locating, priming and painting playing lines for tennis.

Justification
 6 new courts were installed in 2005 and starting to show wear. Park Commission top priority for the Park in order to stay on top of the maintenance.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Construction/Maintenance | 31,000 | | | | | 31,000 |
| Total | 31,000 | | | | | 31,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Local Option Sales Tax (LOST) | 31,000 | | | | | 31,000 |
| Total | 31,000 | | | | | 31,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Parks and Recreation

Contact

Project # 19PRK-002
Project Name Complete Ice Rink and Building at Gutteridge

Type Improvement

Useful Life 15 years

Category Unassigned

Priority 3 Very Important

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$30,000

Description

Complete facility with new flooring, restroom, tables, chairs, cabinetry, counters.

Justification

New building was put up through the Park Foundation in 2016, would like to finish the project.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Construction/Maintenance | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Grant | 20,000 | | | | | 20,000 |
| Mary Garvey Trust | 10,000 | | | | | 10,000 |
| Total | 30,000 | | | | | 30,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Parks and Recreation

Contact Parks Director

Type Equipment

Useful Life 15 years

Category Park Improvements

Priority 4

Status Active

Total Project Cost: \$100,000

Project # 19PRK-003
Project Name New Play Structure

Estimated Cost
Actual Cost

Description
 Play Structure

Justification
 We had to removed old play equipment from the 1970's due to deterioration and would like to replace them.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| Equip/Vehicles/Furnishings | | 100,000 | | | | 100,000 |
| Total | | 100,000 | | | | 100,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| Grant | | 25,000 | | | | 25,000 |
| Local Option Sales Tax (LOST) | | 50,000 | | | | 50,000 |
| Mary Garvey Trust | | 25,000 | | | | 25,000 |
| Total | | 100,000 | | | | 100,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Parks and Recreation

Contact Parks Director

Type Maintenance

Useful Life 15 years

Category Park Improvements

Priority 5

Status Active

Total Project Cost: \$30,000

Project # 19PRK-004
Project Name Dredge Fish Pond

Estimated Cost

Actual Cost

Description

Dredge out existing fish pond in McHose Park.

Justification

Pond has silted in from run off over the years.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|---------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Other | | 30,000 | | | | 30,000 |
| Total | | 30,000 | | | | 30,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Local Option Sales Tax (LOST) | | 30,000 | | | | 30,000 |
| Total | | 30,000 | | | | 30,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Parks and Recreation
Contact Public Works Director
Type Improvement
Useful Life 15 years
Category Park Improvements
Priority 5
Status Pending

Project # 19PRK-005
Project Name Memorial Park Tennis Courts Replacement

Estimated Cost
Actual Cost

Total Project Cost: \$60,000

Description
 Remove and replace the four courts at Memorial Park.

Justification
 We had Team Service look at the courts and advise that they were to damaged to repair. They will need to be removed and replaced.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Construction/Maintenance | | 60,000 | | | | 60,000 |
| Total | | 60,000 | | | | 60,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Local Option Sales Tax (LOST) | | 60,000 | | | | 60,000 |
| Total | | 60,000 | | | | 60,000 |

Budget Impact/Other

Boone CIP

FY '19 thru FY '23

Department Police
Contact Public Safety Director
Type Maintenance
Useful Life 10 years
Category Buildings
Priority 6 Important
Status Pending

City of Boone, Iowa

Project # 14BPD-001
Project Name Police Department Flooring

Estimated Cost
Actual Cost

Total Project Cost: \$45,000

Description

Various areas of flooring throughout the Police Department is showing signs of deterioration. The flooring is decades old and will need to be replaced in the future.

The estimate for this project is for 6,900 sq ft.

Justification

10/21/14 Staff Recommendation:
 At this point the flooring is suitable, but we want to plan for future replacement. This project is suggested at a low priority but over time the priority will increase as more problems arise.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Construction/Maintenance | 45,000 | | | | | 45,000 |
| Total | 45,000 | | | | | 45,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Local Option Sales Tax (LOST) | 45,000 | | | | | 45,000 |
| Total | 45,000 | | | | | 45,000 |

Budget Impact/Other

Boone CIP

FY '19 thru FY '23

Department Public Works

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 Pending

Estimated Cost

Actual Cost

Total Project Cost: \$1,901,500

| |
|--|
| 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 '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|--------|----------------|------------------|--------|--------|------------------|
| Planning/Design | | 138,500 | | | | 138,500 |
| Land Acquisition | | 250,000 | | | | 250,000 |
| Construction/Maintenance | | | 1,414,000 | | | 1,414,000 |
| Construction Engineering | | | 99,000 | | | 99,000 |
| Total | | 388,500 | 1,513,000 | | | 1,901,500 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------------|--------|------------------|--------|--------|--------|------------------|
| Bond (Levy) | | 851,500 | | | | 851,500 |
| Grant (STP) | | 800,000 | | | | 800,000 |
| Tax Increment Financing (TIF) | | 250,000 | | | | 250,000 |
| Total | | 1,901,500 | | | | 1,901,500 |

| |
|--|
| 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.

Boone CIP

FY '19 thru FY '23

Department Public Works

City of Boone, Iowa

Contact Building Official

| | |
|---------------------|-------------------------------------|
| Project # | 04STR-016 |
| Project Name | Sidewalk Replacement Program |

Type Maintenance
Useful Life 40 years
Category Special Projects
Priority 4
Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$137,000

| Description |
|--|
| <p>The purpose of the Sidewalk Improvement Program is to:</p> <ol style="list-style-type: none"> 1. Complete the construction of missing sidewalk infrastructure within the City. Priority will be given to the areas with high pedestrian facility needs such as schools, parks and commercial districts. 2. Reconstruct sidewalks that are in the poorest condition. 3. Reconstruct sidewalks in block segments where possible as opposed to spot reconstruction. 4. Evaluate, rate and monitor the condition of all sidewalks in the City. 5. Continue the desire of the City to provide property owners with financial assistance in constructing/reconstructing their sidewalks with type of street, nature of construction, and funding source as the basis for degree of assistance. <p>Note: Sidewalk construction related to new development is not eligible for this program.</p> <p>Project portion for 2010 is Story St from UPRR to 10th St. (west side of Story St)</p> |

| Justification |
|---|
| <p>Sidewalks are an integral transportation system for the City of Boone. They provide a safe location for pedestrian traffic for all ages of citizens. School children utilize the sidewalks to travel to and from school. They allow walking and jogging while being safely separated from vehicular traffic. Without sidewalks the intermingling of foot traffic and vehicular traffic would greatly increase the chances for serious injuries to both pedestrian as well as the motorist.</p> <p>CIP Comments 11/10/2016: Due to the limited staff, CIP recommended not funding this project in FY2018, but taking a look at it again in FY2019.</p> |

| Prior | Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|--------------------------|---------------|--------|--------|--------|--------|---------------|
| 122,000 | Construction/Maintenance | 15,000 | | | | | 15,000 |
| Total | Total | 15,000 | | | | | 15,000 |

| Prior | Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|--------------------|---------------|--------|--------|--------|--------|---------------|
| 122,000 | Road Use Tax (RUT) | 15,000 | | | | | 15,000 |
| Total | Total | 15,000 | | | | | 15,000 |

| Budget Impact/Other |
|---|
| <p>Staff suggests restarting the sidewalk rebate program which offers cost sharing for improvements to sidewalks.</p> <p>Update 11/5/2010: Building Official is working to reinstate the Sidewalk Replacement Program with a focus on replacement and new construction for residential and the downtown business district. This program will go to Public Safety and Transportation.</p> <p>11-9-2009: The 2010 portion has not yet been completed due to delays in tree removal and funding limitations (Story St from UP to 10th). Staff is recommending that the City re-institute a previous incentive measure to rebate citizens/businesses a portion of sidewalk repair costs to further encourage sidewalk repairs.</p> <p>Update 11/16/2010: Building Official is moving forward with a recommendation to Council to rebate \$1.56 per sq. ft. for installation and repair of sidewalks. New</p> |

forms are available upon Council approval.

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.

Note: engineering is proposed to be funded with STP funds.

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

Administration Comments 11/4/16:
This program has not been funded since 2015.

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Public Works
Contact Public Works Director
Type Improvement
Useful Life 40 years
Category Special Projects
Priority 2 Critical
Status Active

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

Estimated Cost
Actual Cost

Total Project Cost: \$160,000

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.

| Prior | Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|--------------------------|---------------|---------------|---------------|--------|--------|---------------|
| 105,000 | Construction/Maintenance | 10,000 | 22,500 | 22,500 | | | 55,000 |
| Total | Total | 10,000 | 22,500 | 22,500 | | | 55,000 |

| Prior | Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|--------------------|---------------|---------------|---------------|--------|--------|---------------|
| 105,000 | Road Use Tax (RUT) | 10,000 | 22,500 | 22,500 | | | 55,000 |
| Total | Total | 10,000 | 22,500 | 22,500 | | | 55,000 |

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

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 '19 thru FY '23

Department Public Works
Contact Public Works Director
Type Equipment
Useful Life 20 years
Category Equipment: PW Equip
Priority 4
Status Pending

City of Boone, Iowa

Project # 11STR-006
Project Name Fuel tank improvements

Estimated Cost
Actual Cost

Total Project Cost: \$30,000

Description

Current underground storage tanks are in need of repair. The cost to line vs repair will be discussed.

Justification

The condition of the tank is an indicator of the importance of tank repair/replacement.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Equip/Vehicles/Furnishings | | 30,000 | | | | 30,000 |
| Total | | 30,000 | | | | 30,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Road Use Tax (RUT) | | 30,000 | | | | 30,000 |
| Total | | 30,000 | | | | 30,000 |

Budget Impact/Other

Administrator Recommendation 10/20/2011:
All departments have some use of the fuel station at the Public Works shed.

CIP Committee 11/18/2011:
Project should remain pending until such time the tank inspection shows need for repair/replacement.

CIP Committee 11/29/2012:
Project should be pending.

Boone CIP

FY '19 thru FY '23

Department Public Works
Contact Public Works Director
Type Improvement
Useful Life 20 years
Category Street Construction
Priority 2 Critical
Status Active

City of Boone, Iowa

Project # 11STR-010
Project Name Ind Park Rd - Argo to Corp Limits

Estimated Cost
Actual Cost

Total Project Cost: \$545,000

Description
 Patch and overlay Industrial Park Rd from Fairground entrance to Corporate Limits. Approximately 2,500-feet

Justification
 Street is in poor condition. Stimulus dollars improved everything west of Argo and the Industrial Park Road will be improved beyond corporate limits east. This will complete the improvements.

| Prior | Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|--------------------------|----------------|--------|--------|--------|--------|----------------|
| 44,500 | Construction/Maintenance | 451,560 | | | | | 451,560 |
| | Construction Engineering | 48,940 | | | | | 48,940 |
| Total | Total | 500,500 | | | | | 500,500 |

| Prior | Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|-----------------|----------------|--------|--------|--------|--------|----------------|
| 185,000 | Grant (STP) | 360,000 | | | | | 360,000 |
| Total | Total | 360,000 | | | | | 360,000 |

Budget Impact/Other
 Administrator Recommendation 10/20/2011:
 Make active dependent upon secured funding.
 CIP Committee 11/18/2011:
 Project should remain pending and become funding dependent.
 Administrator Recommendation 11/5/2012:
 Remain pending and become active upon secured funding. Given the 20% match on S Marshall St this project will likely be delayed for another year. We will need to go through the consultant selection process for engineering.
 CIP Committee 11/29/2012:
 Project should remain pending.
 Staff Recommendation 10/16/2014:
 As the road continues to deteriorate this project will need to become a complete remove/replace.
 2017-11 Used STP funds for 80% of construction and 2016 Bond Proceeds for the 20% City match and engineering. This will require the City to go in the hole on STP funds.

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Public Works
Contact Public Works Director
Type Equipment
Useful Life 20 years
Category Equipment: PW Equip
Priority 4
Status Pending

Project # 12STR-003
Project Name End Loader

Estimated Cost
Actual Cost

Total Project Cost: \$225,000

Description
 End Loader is used for many duties and among various departments.

Justification
 Planning for upcoming replacement of current equipment that is showing signs of age.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| Equip/Vehicles/Furnishings | | 225,000 | | | | 225,000 |
| Total | | 225,000 | | | | 225,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| Bond (Levy) | | 225,000 | | | | 225,000 |
| Total | | 225,000 | | | | 225,000 |

Budget Impact/Other
 Administrator Recommendation 10-26-2012:
 Make active depending on RUT budget.
 CIP Committee 11/29/2012:
 Project should become active and made a part of future bonding.

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Public Works
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Equipment: PW Equip
Priority 3 Very Important
Status Active

Project # 13STR-001
Project Name Dump Truck with Snow Plow w/Wing Plow

Estimated Cost
Actual Cost

Total Project Cost: \$190,000

Description
 New dump truck with snow plow.

Justification
 Fleet maintenance. Older trucks are becoming costly to maintain.
 11-2017 old truck is all rusted out.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| Equip/Vehicles/Furnishings | | 190,000 | | | | 190,000 |
| Total | | 190,000 | | | | 190,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Road Use Tax (RUT) | 95,000 | 95,000 | | | | 190,000 |
| Total | 95,000 | 95,000 | | | | 190,000 |

Budget Impact/Other
 11-2017 Pending funding availability.

Boone CIP

FY '19 thru FY '23

City of Boone, Iowa

Department Public Works

Contact City Engineer

Type Maintenance

Useful Life 20 years

Category Street Reconstruction

Priority 2 Critical

Status Active

Total Project Cost: \$610,000

| | |
|---------------------|-----------------------------------|
| Project # | 14STR-001 |
| Project Name | Street Maintenance Program |

Estimated Cost

Actual Cost

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 '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|--------------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| 490,000 | Construction/Maintenance | 0 | 120,000 | | | | 120,000 |
| Total | Total | 0 | 120,000 | | | | 120,000 |

| Prior | Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|-------------------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| 490,000 | Local Option Sales Tax (LOST) | 0 | 120,000 | | | | 120,000 |
| Total | Total | 0 | 120,000 | | | | 120,000 |

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

Boone CIP

FY '19 thru FY '23

Department Public Works
Contact Public Works Director
Type Improvement
Useful Life 40 years
Category Street Construction
Priority 3 Very Important
Status Pending

City of Boone, Iowa

Project # 14STR-004
Project Name 8th Street Crawford to Division - remove/replace

Estimated Cost
Actual Cost

Total Project Cost: \$1,084,600

Description
 PCI shows this is one of the lowest rated streets in Boone (15 PCI out of 100). This is a high traffic street. 1,630 linear feet, 31-foot wide.

Justification

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|----------------|---------------|---------------|------------------|
| Planning/Design | | 90,720 | | | | 90,720 |
| Construction/Maintenance | | | 921,300 | | | 921,300 |
| Construction Engineering | | | 72,580 | | | 72,580 |
| Total | | 90,720 | 993,880 | | | 1,084,600 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|------------------|---------------|---------------|---------------|------------------|
| Bond (Levy) | | 1,084,600 | | | | 1,084,600 |
| Total | | 1,084,600 | | | | 1,084,600 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Public Works

Contact

Project # 19STR-001
Project Name Floor Hoist

Type Equipment

Useful Life 20 years

Category Unassigned

Priority 4

Status Pending

Estimated Cost

Actual Cost

Total Project Cost: \$75,000

Description

In floor hoist to lift heavy equipment such as a fire truck.

Justification

Existing hoist is from 1970's. New equipment is bigger and heavier and is to much for the current hoist.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Equip/Vehicles/Furnishings | | 75,000 | | | | 75,000 |
| Total | | 75,000 | | | | 75,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Road Use Tax (RUT) | | 75,000 | | | | 75,000 |
| Total | | 75,000 | | | | 75,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Public Works

Contact

Type Equipment

Useful Life 5-10 years

Category Unassigned

Priority 3 Very Important

Status Active

Total Project Cost: \$50,000

Project # 19STR-002
Project Name New Pickup Truck w/ Plow and Sander

Estimated Cost

Actual Cost

Description
 3/4 ton pickup with a plow and sander.

Justification
 Existing fleet is aging. This would replace a 2004 Chevy that requires intense repairs including a transmission and front end.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Equip/Vehicles/Furnishings | 50,000 | | | | | 50,000 |
| Total | 50,000 | | | | | 50,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Road Use Tax (RUT) | 15,000 | | | | | 15,000 |
| Sanitary Sewer Receipts | 10,000 | | | | | 10,000 |
| Storm Sewer Receipts | 15,000 | | | | | 15,000 |
| Water Receipts | 10,000 | | | | | 10,000 |
| Total | 50,000 | | | | | 50,000 |

Budget Impact/Other

Boone CIP

FY '19 thru FY '23

City of Boone, Iowa

Department Public Works
Contact Public Safety Director
Type Improvement
Useful Life 25
Category Street Reconstruction
Priority 3 Very Important
Status Pending

Project # 19STR-003
Project Name 11th Street (Marion St to Linn)

Estimated Cost
Actual Cost

Total Project Cost: \$1,500,000

Description
 Remove and replace road, update water and sewer infrastructure if needed on 11th Street from Marion to Linn Street.

Justification
 Current road surface is deteriorating rapidly.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|------------------|---------------|---------------|------------------|
| Construction/Maintenance | | | 1,500,000 | | | 1,500,000 |
| Total | | | 1,500,000 | | | 1,500,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|------------------|---------------|---------------|------------------|
| Bond (Levy) | | | 1,500,000 | | | 1,500,000 |
| Total | | | 1,500,000 | | | 1,500,000 |

Budget Impact/Other

Boone CIP

FY '19 thru FY '23

Department Utilities Department

City of Boone, Iowa

Contact City Engineer

Project # 04WTR-001
Project Name West Boone Water Tower

Type Improvement

Useful Life 40 years

Category Water

Priority 6 Important

Status Pending

Estimated Cost

Actual Cost

Total Project Cost: \$1,940,000

Description
 New 1 million gallon water tower south of the intersection of West Park Avenue and Marion Street.
 Purchase of land and ROW completed as of August 2012

Justification
 Construction of this new tower will provide an upgrade to existing service. West Boone currently does not have any storage in the distribution system. The new tower will provide added storage for the system and also provide a buffer to pressure fluctuations in the distribution system. May be used to replace the 350,000 gallon tower built in 1936.
 2017-11 Administration Comment: Development driven

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|----------------|------------------|---------------|------------------|
| Planning/Design | | | 180,000 | | | 180,000 |
| Construction/Maintenance | | | | 1,760,000 | | 1,760,000 |
| Total | | | 180,000 | 1,760,000 | | 1,940,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|----------------|------------------|---------------|------------------|
| Bond (Levy) | | | 180,000 | | | 180,000 |
| Water Receipts | | | | 60,000 | | 60,000 |
| Water Revenue Bond | | | | 1,700,000 | | 1,700,000 |
| Total | | | 180,000 | 1,760,000 | | 1,940,000 |

Budget Impact/Other
 The tower is not critical to the system. It can be delayed until adequate funding is established.
 Administrator Recommendation 12/2009:
 Postpone one year.
 CIP Committee Action 1/2009:
 Remain pending.
 Administrator Recommendation 11/12/2010:
 Planning and design should be funded in FY2012 and then determine finances of a water revenue bond for FY13.
 CIP Committee 11/16/2010:
 Project should be development driven and remain pending.
 Administrator Recommendation 10/20/2011:
 Remain pending - should also note the need for 600-feet of water main for connection to Park/Marion water main.
 CIP Committee 11/18/2011:
 Project should be development driven and remain pending.
 Administrator Recommendation 10/26/2012:

Remain pending.

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

Administrator Recommendation 11/5/2013:
Make project pending until Foth finalizes the water system analysis. That analysis will help us determine our needs for elevated storage.

Boone CIP

FY '19 thru FY '23

Department Utilities Department

City of Boone, Iowa

Contact City Engineer

Project # 09SAN-002
Project Name Park Ave. Lift Station

Type Improvement

Useful Life 40 years

Category Sanitary Sewer

Priority 2 Critical

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$710,000

Description
Complete replacement of the existing lift station including structure, pumps, valves, and force main at the north side of Park Ave near the creek just west of Main St. Demolition of the existing lift station. The new lift station will be located adjacent to the existing lift station.

Justification
The current lift station is undersized for the inflow and infiltration problem and contributes to sewer capacity problems. The current lift station was installed in 1972. The repair and maintenance costs of the current equipment is becoming cost prohibitive. Breakdowns can become an environmental health issue when bypassing occurs.

2017-11 Part of Intergrated Plan for the design to be done in FY2019 with construction in FY2020

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| Planning/Design | 70,000 | | | | | 70,000 |
| Construction/Maintenance | | 575,000 | | | | 575,000 |
| Construction Engineering | | 65,000 | | | | 65,000 |
| Total | 70,000 | 640,000 | | | | 710,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| Sanitary Sewer Receipts | 70,000 | 530,000 | | | | 600,000 |
| Total | 70,000 | 530,000 | | | | 600,000 |

Budget Impact/Other
The new lift station will be operator friendly and will relieve the confined space entry issues caused by the current lift station. This means a safer work environment for city employees. The new lift station will also be sized adequately for the inflow and infiltration in the sanitary sewer system.

CIP Committee 2008:
This lift station was investigated to be replaced as part of the 2009 Lift Station Replacement project. It was decided by City staff to delay replacement of this lift station until more investigation of possible inflow/infiltration sources within the lift station's collection area can be completed. If inflow/infiltration sources can be eliminated, this could reduce the cost of the lift station significantly.

Administrator Recommendation 12/2009:
Remain pending.

CIP Committee Action 1/2009:
Remain pending

Administrator Recommendation 11/10/2010:
A detailed estimate of replacement is necessary. Two recent lift station projects exceeded estimates. The project should move forward if current funds from Sanitary Sewer Receipts can cover project expenses.

CIP Committee 11/16/2010:
Investigation is crucial. Funding of investigation and associated repair should move forward. If I&I is found this may allow the project to be delayed. Project should become active for research and evaluate at that point.

Council action 1/12/2011:

Project to become pending.

CIP Committee 11/18/2011:

Project should remain pending.

Administrator Recommendation 10/26/2012:

Remain pending unless Roy can find \$50,000 in the budget for research of I&I. Polecat Creek Manhole Project (11SAN-009) should be completed prior to this project moving forward.

CIP Committee 11/29/2012:

Project should become active.

Administrator Notes 1/11/2013:

This can be funded with 2016 bond issue.

Administration Comments 11/4/16:

Project was not funded in the FY2016 Bond. Will fund with Sewer Receipts.

Boone CIP

FY '19 thru FY '23

Department Utilities Department

City of Boone, Iowa

Contact City Engineer

| | |
|---------------------|------------------------------|
| Project # | 10WTF-007 |
| Project Name | Water Tower Telemetry |

Type Improvement

Useful Life 20 years

Category Water

Priority 8 Less Important

Status Pending

Estimated Cost

Actual Cost

Total Project Cost: \$100,000

Description

This project involves adding telemetry between the three existing water towers and the future water tower in the City. This project may be justified when the West Boone Water Tower is constructed. More investigation is required to determine the cost of the project.

Justification

The existing communication between the Water Plant and Water Towers (to operate the high service pumps) is via three separate phone lines from each tower to the water plant. The phone bill for the three separate lines is approximately \$220 per month. If the four water towers were linked with telemetry only one designated phone line would be needed instead of four. This would reduce the monthly phone costs for the water towers.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Planning/Design | | | 20,000 | | | 20,000 |
| Construction/Maintenance | | | 80,000 | | | 80,000 |
| Total | | | 100,000 | | | 100,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Water Receipts | | | 100,000 | | | 100,000 |
| Total | | | 100,000 | | | 100,000 |

Budget Impact/Other

CIP Committee 2008:
This project needs more investigation as to what the actual costs of the telemetry would be. This should be investigated in the near future

Administrator Recommendation 12/2009:
Remain pending.

CIP Committee 11/16/2010:
Remain pending.

Administrator Recommendation 10/20/2011:
Remain pending.

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.

Boone CIP
City of Boone, Iowa

FY '19 *thru* **FY '23**

Department Utilities Department

Contact City Engineer

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department

Contact City Engineer

Type Improvement

Useful Life 20 years

Category Wastewater

Priority 6 Important

Status Pending

Total Project Cost: \$25,000

Project # 10WWF-001
Project Name Lime Feed System Improvements

Estimated Cost

Actual Cost

Description

The Lime Feeder system needs to be replaced in the Sludge Handling Building. The lime silo at the plant was painted in FY2010 while other small miscellaneous improvements need to be made to the lime feed system. Some lime feed equipment replaced in 2015. Remaining work is adding a shaftless auger and new silo doors.

Justification

The lime feed equipment is approaching 25 years of age and is in need of replacement and upgrading. The maintenance of the equipment is becoming cost prohibitive.

11/2017 The digestors are working very well therefore lowered the priority to a 6 and left it to be funded in FY2021.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Construction/Maintenance | | | 25,000 | | | 25,000 |
| Total | | | 25,000 | | | 25,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Sanitary Sewer Receipts | | | 25,000 | | | 25,000 |
| Total | | | 25,000 | | | 25,000 |

Budget Impact/Other

These improvements will provide a more operator friendly system with less maintenance requirement.

CIP Committee 2008:
 These improvements are a fundability item. This can be delayed.

Administrator Recommendation 12/2009:
 Remain pending. Ask Roy to confirm expenditure dates and funding timeframe, they do not match. (this has been corrected as of 11/12/2010)

CIP Committee Action 1/2009:
 Remain pending.

Administrator Recommendation 11/12/2010:
 Remain pending.

CIP Committee 11/16/2010:
 Remain pending.

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

Administrator Recommendation 10/26/2012:
 Remain pending.

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

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department

Contact City Engineer

Type Equipment

Useful Life 20 years

Category Wastewater

Priority 1 Mandatory

Status Active

Total Project Cost: \$1,810,000

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

Estimated Cost

Actual Cost

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.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|----------------|------------------|---------------|------------------|
| Planning/Design | | | 160,000 | | | 160,000 |
| Construction/Maintenance | | | | 1,500,000 | | 1,500,000 |
| Construction Engineering | | | | 150,000 | | 150,000 |
| Total | | | 160,000 | 1,650,000 | | 1,810,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------|---------------|---------------|----------------|------------------|----------------|------------------|
| Sanitary Sewer Receipts | | | 150,000 | 1,500,000 | 160,000 | 1,810,000 |
| Total | | | 150,000 | 1,500,000 | 160,000 | 1,810,000 |

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.

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department
Contact Public Works Director
Type Improvement
Useful Life 40 years
Category Water
Priority 5
Status Pending

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

Estimated Cost
Actual Cost

Total Project Cost: \$410,600

Description
 New water main installation. Existing water main has had a substantial number of repairs.

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.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|----------------|---------------|---------------|---------------|---------------|----------------|
| Planning/Design | 34,800 | | | | | 34,800 |
| Construction/Maintenance | 348,000 | | | | | 348,000 |
| Construction Engineering | 27,800 | | | | | 27,800 |
| Total | 410,600 | | | | | 410,600 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|----------------|---------------|---------------|---------------|---------------|----------------|
| Water Receipts | 410,600 | | | | | 410,600 |
| Total | 410,600 | | | | | 410,600 |

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.

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department

Contact Parks Director

Type Improvement

Useful Life 40 years

Category Park Improvements

Priority 8 Less Important

Status Pending

Total Project Cost: \$175,000

Project # 12WTR-001
Project Name Des Moines River Access Enhancement Project

Estimated Cost

Actual Cost

Description
 Project involves improvements to the access and parking area for the Des Moines River low head dam area west of Boone. Improvements consists of relocating and expanding parking facility; partial paving of an access road to and from the existing boat ramp; installing a rigging lane adjacent to the access road; creating handicap parking stalls, including one paved double length handicap trailer stall; wheelchair accessible route between parking lot and river; lighting; signage; and landscaping.

Justification
 Parking lot is in poor condition and becomes congested and crowded on weekends during heavy recreational activities. Additional parking is needed.

| Prior | Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 125,000 | Construction Engineering | 50,000 | | | | | 50,000 |
| Total | Total | 50,000 | | | | | 50,000 |

| Prior | Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|--|---------------|---------------|---------------|---------------|---------------|---------------|
| 100,000 | (REAP) Resource Enhancement and Protection | 60,000 | | | | | 60,000 |
| Total | Cash | 15,000 | | | | | 15,000 |
| | Total | 75,000 | | | | | 75,000 |

Budget Impact/Other
 Administrator Recommendation 11/5/2012:
 Remain pending until funding is available. Local match may be required.

 CIP Committee 11/29/2012:
 Project should remain pending. Driven by available grants.

 Administration Comments 11/4/16:
 City entered into an agreement with the DNR for Phase I of the Boat Ramp improvements. The City will seek out grant opportunities, such as the REAP Grant, for the landscaping in the area.

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department

Contact City Engineer

Type Improvement

Useful Life 20 years

Category Water

Priority 7

Status Pending

Total Project Cost: \$1,000,000

Project # 13WTR-002
Project Name Ground Storage Reservoir

Estimated Cost

Actual Cost

Description
 One million gallon reservoir located at the Water Treatment Plant high service pumping grounds.
 Split tank for cleaning & maintenance.

Justification
 A two million gallon reservoir was built in the 1950's. Significant repairs are necessary in the foreseeable future.
 Roof will need to be replaced by 2019 - \$135,000.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|----------------|----------------|---------------|------------------|
| Planning/Design | | | 100,000 | | | 100,000 |
| Construction/Maintenance | | | | 900,000 | | 900,000 |
| Total | | | 100,000 | 900,000 | | 1,000,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|------------------|---------------|---------------|------------------|
| Water Revenue Bond | | | 1,000,000 | | | 1,000,000 |
| Total | | | 1,000,000 | | | 1,000,000 |

Budget Impact/Other

Boone CIP

FY '19 thru FY '23

Department Utilities Department

City of Boone, Iowa

Contact City Engineer

Project # 13WTR-003
Project Name Clinton St Water Tower Painting

Type Maintenance

Useful Life 20 years

Category Water

Priority 2 Critical

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$330,000

Description

Paint exterior of tower.

Justification

Last painted in 2001 - no sandblasting, just primer and paint. If paint gets too bad and begins flaking off, will have to sand blast and paint. This would require tenting the tower due to existing paint having lead.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|----------------|---------------|---------------|---------------|---------------|----------------|
| Planning/Design | 30,000 | | | | | 30,000 |
| Construction/Maintenance | 300,000 | | | | | 300,000 |
| Total | 330,000 | | | | | 330,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|----------------|---------------|---------------|---------------|---------------|----------------|
| Water Receipts | 330,000 | | | | | 330,000 |
| Total | 330,000 | | | | | 330,000 |

Budget Impact/Other

At budget meeting on 1/24/17, Wayne informed Council that may have to spend over \$1.0M to tent, sandblast and paint tower if council chooses to wait to overcoat tower. Council chose to proceed with CIP committee recommendation at wait.

Would like to use reserves if enough available. (Wayne 09-27-2016)

CIP Committee Comments 11-10-16:
Move project to 2019 and use funds previously denoted for bond payments to pay for the sandblasting and painting of tower.

With delaying the project, painting over existing paint likely not an option as paint is beginning to flake off. Tower will have to be tented, sandblasted and then repainted. (Wayne 11-10-16)

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department
Contact City Engineer
Type Maintenance
Useful Life 20 years
Category Equipment: Miscellaneous
Priority 5
Status Pending

Project # 14WTR-003
Project Name High Service Pump

Estimated Cost
Actual Cost

Total Project Cost: \$75,000

Description
 High service pump - 250 HP - 1150 gpm. One of the three pumps which pump treated water to the City.

Justification
 These pumps have a 20 year life. The existing pump is 18 years old. 11-2017

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Equip/Vehicles/Furnishings | | 75,000 | | | | 75,000 |
| Total | | 75,000 | | | | 75,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Water Receipts | | 75,000 | | | | 75,000 |
| Total | | 75,000 | | | | 75,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department

Contact City Engineer

Type Maintenance

Useful Life 20 years

Category Buildings

Priority 6 Important

Status Pending

Total Project Cost: \$410,000

Project # 14WTR-005
Project Name Water Plant Roof Replacement

Estimated Cost

Actual Cost

Description

Flat roofs with rubber membrains. Two buildings and two tanks. Total of four roofs.

Justification

The roof is 18 years old with a 20-year rated lifespan. 11-2017

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| Construction/Maintenance | | 410,000 | | | | 410,000 |
| Total | | 410,000 | | | | 410,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| Water Receipts | | 410,000 | | | | 410,000 |
| Total | | 410,000 | | | | 410,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department

Contact City Engineer

Type Maintenance

Useful Life 20 years

Category Buildings

Priority 3 Very Important

Status Pending

Total Project Cost: \$35,000

Project # 14WTR-006
Project Name Building Sealant at Water Plant

Estimated Cost

Actual Cost

Description

Sealant for block to protect from moisture damage. Last done in 2010 by Western Waterproofing.

Justification

Needs maintenance every 7-10 years.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Construction/Maintenance | 35,000 | | | | | 35,000 |
| Total | 35,000 | | | | | 35,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Water Receipts | 35,000 | | | | | 35,000 |
| Total | 35,000 | | | | | 35,000 |

Budget Impact/Other

Boone CIP

FY '19 thru FY '23

Department Utilities Department

City of Boone, Iowa

Contact City Engineer

| | |
|---------------------|------------------------|
| Project # | 14WTR-007 |
| Project Name | Backwash Blower |

Type Maintenance

Useful Life 10 years

Category Water

Priority 7

Status Pending

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 '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Equip/Vehicles/Furnishings | | | 200,000 | | | 200,000 |
| Total | | | 200,000 | | | 200,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Water Receipts | | | 200,000 | | | 200,000 |
| Total | | | 200,000 | | | 200,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 *thru* FY '23

Department Utilities Department

Contact City Engineer

Type Equipment

Useful Life 10 years

Category Vehicles

Priority 4

Status Active

Total Project Cost: \$50,000

| | |
|---------------------|---------------------------|
| Project # | 14WTR-008 |
| Project Name | Pickup Replacement |

Estimated Cost
Actual Cost

| |
|-------------------------------------|
| Description |
| Replace 2008 pickup with snow plow. |

| |
|--|
| Justification |
| Currently having maintenance issues with existing truck. |

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Equip/Vehicles/Furnishings | 50,000 | | | | | 50,000 |
| Total | 50,000 | | | | | 50,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Water Receipts | 50,000 | | | | | 50,000 |
| Total | 50,000 | | | | | 50,000 |

| |
|----------------------------|
| Budget Impact/Other |
| |

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department

Contact City Engineer

Type Maintenance

Useful Life 20 years

Category Wastewater

Priority 4

Status Pending

Total Project Cost: \$200,000

| | |
|---------------------|--------------------------------|
| Project # | 14WWF-001 |
| Project Name | Roof Replacement at WWF |

Estimated Cost

Actual Cost

| |
|---|
| Description |
| Flat roofs on buildings have a 20-year life. It has been 20-years. Two large buildings, one medium size and two small. Total of five buildings. |

| |
|---|
| Justification |
| Expected issues at the end of the 20-year lifespan. |

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| Construction/Maintenance | | | | | 200,000 | 200,000 |
| Total | | | | | 200,000 | 200,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| Sanitary Sewer Receipts | | | | | 200,000 | 200,000 |
| Total | | | | | 200,000 | 200,000 |

| |
|----------------------------|
| Budget Impact/Other |
| |

Boone CIP

FY '19 thru FY '23

Department Utilities Department

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 3 Very Important

Status Pending

Estimated Cost

Actual Cost

Total Project Cost: \$50,000

| |
|---|
| 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 and 3 need replacement. This project will replace three and have one extra for standby. |

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

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Equip/Vehicles/Furnishings | | | | | 50,000 | 50,000 |
| Total | | | | | 50,000 | 50,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Sanitary Sewer Receipts | | | | | 50,000 | 50,000 |
| Total | | | | | 50,000 | 50,000 |

| |
|----------------------------|
| Budget Impact/Other |
| |

Boone CIP
City of Boone, Iowa

FY '19 *thru* FY '23

Department Utilities Department

Contact City Engineer

Type Maintenance

Useful Life 20 years

Category Wastewater

Priority 5

Status Pending

Total Project Cost: \$80,000

| | |
|---------------------|---------------------------------|
| Project # | 14WWF-003 |
| Project Name | Air Diffuser Replacement |

Estimated Cost

Actual Cost

| |
|---|
| Description |
| Two sludge holding tanks use diffused air pattern to stabilize sludge. This project is included with 05WWF-003. |

| |
|--|
| Justification |
| Iron pipe is rusted and diffuser connections rusted. |

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Construction/Maintenance | | | | | 80,000 | 80,000 |
| Total | | | | | 80,000 | 80,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Sanitary Sewer Receipts | | | | | 80,000 | 80,000 |
| Total | | | | | 80,000 | 80,000 |

| |
|----------------------------|
| Budget Impact/Other |
| |

Boone CIP

FY '19 thru FY '23

Department Utilities Department

City of Boone, Iowa

Contact City Engineer

| | |
|---------------------|--------------------------------|
| Project # | 14WWF-006 |
| Project Name | VLR Blowers Replacement |

Type Maintenance

Useful Life 20 years

Category Wastewater

Priority 6 Important

Status Pending

Estimated Cost

Actual Cost

Total Project Cost: \$400,000

Description

Five blowers supply oxygen to VLR channels.

Justification

Reaching life expectancy. Newer blowers are more energy efficient. This project is also necessary if the City experiences growth. There is an alternative of purchasing a stand-by blower for \$25,000.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| Planning/Design | | | | | 50,000 | 50,000 |
| Construction/Maintenance | | | | | 350,000 | 350,000 |
| Total | | | | | 400,000 | 400,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| Sanitary Sewer Receipts | | | | | 400,000 | 400,000 |
| Total | | | | | 400,000 | 400,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department

Contact City Engineer

Type Maintenance

Useful Life 20 years

Category Wastewater

Priority 5

Status Pending

Total Project Cost: \$200,000

Project # 14WWF-009
Project Name Sludge Holding Tank Blowers

Estimated Cost

Actual Cost

Description

Two blowers provide oxygen and mixing to north/south holding tanks.

Justification

Present blowers were cut from 1998 upgrade to cut costs. These blowers are reaching their life span of 20 years. Tank may need to be sealed before performing this project. This project is included as part of 05WWF-003.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| Planning/Design | | | | | 30,000 | 30,000 |
| Construction/Maintenance | | | | | 170,000 | 170,000 |
| Total | | | | | 200,000 | 200,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| Sanitary Sewer Receipts | | | | | 200,000 | 200,000 |
| Total | | | | | 200,000 | 200,000 |

Budget Impact/Other

Boone CIP

FY '19 thru FY '23

Department Utilities Department

City of Boone, Iowa

Contact City Engineer

| | |
|---------------------|---------------------------|
| Project # | 14WWF-011 |
| Project Name | Portable Generator |

Type Improvement

Useful Life 10 years

Category Wastewater

Priority 4

Status Pending

Estimated Cost

Actual Cost

Total Project Cost: \$70,000

| |
|--|
| Description |
| During a power outage in an area containing a lift station, a portable generator can supply power to keep nearby businesses operational. |

| |
|--|
| Justification |
| We are currently using temporary generator from Homeland Security. The current generator is large and difficult to transport and maneuver. |

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Construction/Maintenance | | | | | 10,000 | 10,000 |
| Equip/Vehicles/Furnishings | | | | | 60,000 | 60,000 |
| Total | | | | | 70,000 | 70,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Sanitary Sewer Receipts | | | | | 70,000 | 70,000 |
| Total | | | | | 70,000 | 70,000 |

| |
|----------------------------|
| Budget Impact/Other |
| |

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department
Contact City Engineer
Type Equipment
Useful Life 10 years
Category Equipment: Computers
Priority 3 Very Important
Status Active

Project # 15WTR-001
Project Name Control Computer Upgrade

Estimated Cost
Actual Cost

Total Project Cost: \$75,000

Description
 New controls for SCADA operations. Three new CPU's, two control computers, new ethernet cable and conduit connections.

Justification
 With reduction of staff the SCADA system is critical to monitor the operations. 11-17

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Equip/Vehicles/Furnishings | 75,000 | | | | | 75,000 |
| Total | 75,000 | | | | | 75,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Water Receipts | 75,000 | | | | | 75,000 |
| Total | 75,000 | | | | | 75,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department

Contact City Engineer

Type Maintenance

Useful Life 20 years

Category Water

Priority 3 Very Important

Status Active

Total Project Cost: \$70,000

Project # 15WTR-002
Project Name Claricones Painting

Estimated Cost

Actual Cost

Description

Painting the interior of both claricones.

Justification

Claricones are beginning to show signs of rust. Needs to be done as soon as possible.

| Prior | Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 30,000 | Construction/Maintenance | 40,000 | | | | | 40,000 |
| Total | Total | 40,000 | | | | | 40,000 |

| Prior | Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 30,000 | Water Receipts | 40,000 | | | | | 40,000 |
| Total | Total | 40,000 | | | | | 40,000 |

Budget Impact/Other

CIP Committee Comments 11-16-16:
 Project pending water receipt funding capacity.

Boone CIP

FY '19 thru FY '23

Department Utilities Department

City of Boone, Iowa

Contact City Engineer

| | |
|---------------------|--------------------------------|
| Project # | 15WTR-003 |
| Project Name | Security System Upgrade |

Type Equipment

Useful Life 20 years

Category Equipment: Computers

Priority 5

Status Pending

Estimated Cost

Actual Cost

Total Project Cost: \$40,000

Description

Security system including hardware, software and wiring.

Justification

Maintain security system as the existing system is beginning to show signs of failure (blocks of time missing from video surveillance).

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Equip/Vehicles/Furnishings | | 40,000 | | | | 40,000 |
| Total | | 40,000 | | | | 40,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Water Receipts | | 40,000 | | | | 40,000 |
| Total | | 40,000 | | | | 40,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department
Contact Public Works Director
Type Improvement
Useful Life 40 years
Category Water
Priority 5
Status Pending

Project # 15WTR-005
Project Name Curtis Street Water Main Extension

Estimated Cost
Actual Cost

Total Project Cost: \$365,000

Description
 Extend water main on Curtis Street from 10th Street to 14th Street.

Justification
 Looping the system will increase the flow and pressure around the fairgrounds

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| Planning/Design | | 35,000 | | | | 35,000 |
| Construction/Maintenance | | 285,000 | | | | 285,000 |
| Construction Engineering | | 45,000 | | | | 45,000 |
| Total | | 365,000 | | | | 365,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| Water Revenue Bond | | 365,000 | | | | 365,000 |
| Total | | 365,000 | | | | 365,000 |

Budget Impact/Other

Boone CIP

FY '19 thru FY '23

Department Utilities Department

City of Boone, Iowa

Contact Public Works Director

Project # 15WTR-006
Project Name Linwood Drive Water Main Extension

Type Improvement

Useful Life 50 years

Category Water

Priority 5

Status Pending

Estimated Cost

Actual Cost

Total Project Cost: \$286,000

Description
 New water main from Park Avenue, north along rec trail up to Forest Avenue. Connections at Park Ave, Woodland, Prairie and Forest.

Justification
 Looping the system will increase the flow and pressure in the area.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Planning/Design | | | 24,000 | | | 24,000 |
| Construction/Maintenance | | | 238,000 | | | 238,000 |
| Construction Engineering | | | 24,000 | | | 24,000 |
| Total | | | 286,000 | | | 286,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Water Revenue Bond | | | 286,000 | | | 286,000 |
| Total | | | 286,000 | | | 286,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department

Contact City Engineer

Type Maintenance

Useful Life 20 years

Category Wastewater

Priority 4

Status Pending

Total Project Cost: \$100,000

Project # 15WWF-001
Project Name Clarifier Overhaul

Estimated Cost

Actual Cost

Description

Inspection, painting, and repairs of the Clarifiers. Both clarifiers need structural inspection of the sludge scrapers and sludge removal manifold. Possible millwork and painting. Painting of cement channel with algae control.

Justification

Clarifiers are an integral part of our treatment process.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| Construction/Maintenance | | | | | 100,000 | 100,000 |
| Total | | | | | 100,000 | 100,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| Sanitary Sewer Receipts | | | | | 100,000 | 100,000 |
| Total | | | | | 100,000 | 100,000 |

Budget Impact/Other

Boone CIP

FY '19 thru FY '23

Department Utilities Department

City of Boone, Iowa

Contact City Engineer

| | |
|---------------------|---------------------------|
| Project # | 15WWF-002 |
| Project Name | Equalization Basin |

Type Improvement

Useful Life 40 years

Category Wastewater

Priority 4

Status Pending

Estimated Cost

Actual Cost

Total Project Cost: \$3,060,000

| |
|--|
| Description |
| Storage tank to equalize high sanitary sewer flows during heavy rain events. |

| |
|----------------------|
| Justification |
| |

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total | Future |
|---------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Planning/Design | | | | | 30,000 | 30,000 | 3,030,000 |
| Total | | | | | 30,000 | 30,000 | Total |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|---------------|---------------|------------------|------------------|
| Sewer Revenue Bond | | | | | 3,060,000 | 3,060,000 |
| Total | | | | | 3,060,000 | 3,060,000 |

| |
|----------------------------|
| Budget Impact/Other |
| |

Boone CIP

FY '19 thru FY '23

Department Utilities Department

City of Boone, Iowa

Contact City Engineer

| | |
|---------------------|------------------------------|
| Project # | 16WTR-001 |
| Project Name | New Well Test Pumping |

Type Improvement

Useful Life 30 years

Category Water

Priority 6 Important

Status Pending

Estimated Cost

Actual Cost

Total Project Cost: \$20,000

Description

Test drilling and test well if potential site identified for new shallow alluvial well.

Justification

New well site could provide water at lower nitrate concentration. Also would replace older well.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Construction/Maintenance | | 20,000 | | | | 20,000 |
| Total | | 20,000 | | | | 20,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Water Receipts | | 20,000 | | | | 20,000 |
| Total | | 20,000 | | | | 20,000 |

Budget Impact/Other

Boone CIP

FY '19 thru FY '23

Department Utilities Department

City of Boone, Iowa

Contact Utilities Superintendent

| | |
|---------------------|--------------------------------------|
| Project # | 19WTR-001 |
| Project Name | Ground Storage Structure Roof |

Type Improvement

Useful Life 20 years

Category Water

Priority 3 Very Important

Status Active

Estimated Cost

Actual Cost

Total Project Cost: \$135,000

| |
|---|
| Description |
| The two million gallon reservoir was built in the 1950's and needs significant repairs in the foreseeable future. FY2019 Replace roof. |

| |
|----------------------|
| Justification |
| |

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| Construction/Maintenance | | 135,000 | | | | 135,000 |
| Total | | 135,000 | | | | 135,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| Cash | | 135,000 | | | | 135,000 |
| Total | | 135,000 | | | | 135,000 |

| |
|----------------------------|
| Budget Impact/Other |
| |

Boone CIP

FY '19 thru FY '23

Department Utilities Department

City of Boone, Iowa

Contact Utilities Superintendent

| | |
|---------------------|--|
| Project # | 19WTR-002 |
| Project Name | Roof Top Dehumidification Units |

Type Maintenance

Useful Life 15 years

Category Water

Priority 6 Important

Status Pending

Estimated Cost

Actual Cost

Total Project Cost: \$200,000

Description

Replace two units from roof. Remove humidity from Water Treatment Plant.

Justification

Current units are 18 years old and humidity is not good for the valves and equipment.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| Construction/Maintenance | | 200,000 | | | | 200,000 |
| Total | | 200,000 | | | | 200,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| Water Receipts | | 200,000 | | | | 200,000 |
| Total | | 200,000 | | | | 200,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department
Contact Utilities Superintendent
Type Maintenance
Useful Life 4 years
Category Water
Priority 4
Status Pending

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

Estimated Cost
Actual Cost

Total Project Cost: \$250,000

Description
 Removal of lime from south pond at the Water Treatment Plant.

Justification
 South pond is 100% full as of 11-2017. North pond was emptied in fall 2017.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Construction/Maintenance | | | 250,000 | | | 250,000 |
| Total | | | 250,000 | | | 250,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|----------------|---------------|---------------|----------------|
| Water Receipts | | | 250,000 | | | 250,000 |
| Total | | | 250,000 | | | 250,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Water
Priority 4
Status Active

Project # 19WTR-004
Project Name New Water Van

Estimated Cost
Actual Cost

Total Project Cost: \$40,000

Description
 Van to service water distribution system.

Justification
 Existing truck is a 2003 and does not efficient electrical support for our needs.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Equip/Vehicles/Furnishings | 40,000 | | | | | 40,000 |
| Total | 40,000 | | | | | 40,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Water Receipts | 40,000 | | | | | 40,000 |
| Total | 40,000 | | | | | 40,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department
Contact Utilities Superintendent
Type Maintenance
Useful Life 15 years
Category Wastewater
Priority 6 Important
Status Pending

Project # 19WWF-001
Project Name Digester Blower

Estimated Cost
Actual Cost

Total Project Cost: \$50,000

Description
 Replace two new blowers to supply oxygen to the sludge digestors.

Justification
 Current blowers are 17 years old. The treatment process must have free oxygen available. 11-2017
 Not on the Intergrated Plan.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Construction/Maintenance | | | 50,000 | | | 50,000 |
| Total | | | 50,000 | | | 50,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Sanitary Sewer Receipts | | | 50,000 | | | 50,000 |
| Total | | | 50,000 | | | 50,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department
Contact Utilities Superintendent
Type Equipment
Useful Life 15 years
Category Wastewater
Priority 6 Important
Status Pending

Project # 19WWF-002
Project Name VLR Additional Blower

Estimated Cost
Actual Cost

Total Project Cost: \$25,000

Description
 Blower to supply dissolved oxygen to VLR tanks.

Justification
 Treatment process must have free oxygen available.
 11-2017 Development driven.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Equip/Vehicles/Furnishings | | 25,000 | | | | 25,000 |
| Total | | 25,000 | | | | 25,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Sanitary Sewer Receipts | | 25,000 | | | | 25,000 |
| Total | | 25,000 | | | | 25,000 |

Budget Impact/Other

Boone CIP
City of Boone, Iowa

FY '19 thru FY '23

Department Utilities Department
Contact Utilities Superintendent
Type Maintenance
Useful Life 10 years
Category Wastewater
Priority 6 Important
Status Active

Project # 19WWF-003
Project Name VLR Dissolve Oxygen Probes

Estimated Cost
Actual Cost

Total Project Cost: \$10,000

Description
 Replace four probes and two receivers. The probes measure the amount of dissolved oxygen in tank.

Justification
 Probes have a 10 year life span. The treatment process must have free oxygen available.

| Expenditures | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Equip/Vehicles/Furnishings | 10,000 | | | | | 10,000 |
| Total | 10,000 | | | | | 10,000 |

| Funding Sources | FY '19 | FY '20 | FY '21 | FY '22 | FY '23 | Total |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Sanitary Sewer Receipts | 10,000 | | | | | 10,000 |
| Total | 10,000 | | | | | 10,000 |

Budget Impact/Other

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 or Pending
- Type: E or I or M or Z