

Steve Miller  
*Mayor*

Mark Scharringhausen  
*Council Member at Large*

Chad Oberson  
*Council Member at Large*

Bill Woeste  
*Council Member at Large*



Leslie Besl  
*Council Member, 1st Ward*

Dale Paullus  
*Councilmember, 2nd Ward*

Terry Senger  
*Councilmember, 3rd Ward*

Tim Abbott  
*Council Member, 4th Ward*

**CITY OF FAIRFIELD CITY COUNCIL  
REGULAR MEETING AGENDA  
MONDAY, MAY 11, 2020 7:00 PM  
5350 PLEASANT AVENUE, FAIRFIELD, OH 45014**

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Guidelines for Citizen Comments: Thank you for your interest and participation in city government. Fairfield City Council's Guidelines for Citizen Comments describe the rules for addressing City Council. The guidelines are posted in the Council Chambers.

ADA Notice: The City of Fairfield is pleased to provide accommodations to disabled individuals or groups and encourage full participation in city government. Should special accommodations be required, please contact the Clerk of Council at 867-5383 at least 48 hours in advance of the meeting.

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- 1. COUNCIL-MANAGER BRIEFING**
  - A. 6:00 PM - Street Infrastructure Sustainability
- 2. BUSINESS MEETING CALL TO ORDER**
- 3. PRAYER/PLEDGE OF ALLEGIANCE**
- 4. ROLL CALL**
- 5. AGENDA MODIFICATIONS**
- 6. EXECUTIVE SESSION REQUESTS**
- 7. SPECIAL PRESENTATIONS AND CITIZEN COMMENTS**
- 8. PUBLIC HEARING(S)**
  - a. Joint Public Hearing - Dunkin' Restaurant
- 9. APPROVAL OF MINUTES**
  - a. Regular Meeting held April 27, 2020
- 10. OLD BUSINESS AND REPORTS**

**A. COMMUNITY & PUBLIC RELATIONS COMMITTEE**

*Dale Paullus, Chair; Leslie Besl, Vice Chair; Terry Senger, Member*

**B. DEVELOPMENT SERVICES COMMITTEE**

*Bill Woeste, Chair; Tim Abbott, Vice Chair; Mark Scharringhausen, Member*

1. Ordinance amending Ordinance No. 166-84, the Codified Ordinances of Fairfield, Ohio, Section 1141.02, the City of Fairfield, Ohio, Zoning Map by approving the Final Development Plan for the Dunkin Restaurant portion of the Chick-fil-A restaurant/retail center Planned Unit Development.
  - Legislation - Hold Second Reading Pending Planning Commission recommendation

**C. PARKS, RECREATION AND ENVIRONMENT COMMITTEE**

*Leslie Besl, Chair; Dale Paullus, Vice Chair; Tim Abbott, Member*

**D. PUBLIC SAFETY COMMITTEE**

*Mark Scharringhausen, Chair; Terry Senger, Vice Chair; Dale Paullus, Member*

**E. PUBLIC WORKS COMMITTEE**

*Chad Oberson, Chair; Mark Scharringhausen, Vice Chair; Bill Woeste, Member*

**F. PUBLIC UTILITIES COMMITTEE**

*Terry Senger, Chair; Chad Oberson, Vice Chair; Leslie Besl, Member*

**G. FINANCE & BUDGET COMMITTEE**

*Tim Abbott, Chair; Bill Woeste, Vice Chair; Chad Oberson, Member*

**11. NEW BUSINESS**

**A. PUBLIC WORKS COMMITTEE**

*Chad Oberson, Chair; Mark Scharringhausen, Vice Chair; Bill Woeste, Member*

1. Ordinance to authorize the City Manager to execute and file the application for financial assistance and enter into an agreement with Ohio Kentucky Indiana Regional Council of Governments (OKI) for South Gilmore Road Improvements between Mack Road and Resor Road and declaring an emergency.
  - Motion - Read by Title Only (Optional)
  - Legislation - First Reading
  - Motion - Suspend Second and Third Readings
  - Motion - Adoption
2. Ordinance to authorize the City Manager to execute and file the application for financial assistance and enter into an agreement for a grant with Ohio Kentucky Indiana Regional Council of Governments (OKI) for Phase 1 of the Fairfield Extension of the Great Miami River Trail (GMRT) and declaring an emergency.
  - Motion - Read by Title Only (Optional)



- Legislation - First Reading
- Motion - Suspend Second and Third Readings
- Motion - Adoption

## **B. PUBLIC UTILITIES COMMITTEE**

*Terry Senger, Chair; Chad Oberson, Vice Chair; Leslie Besl, Member*

1. Ordinance to authorize the City Manager to enter into a contract with Aquionics Inc. for upgrades to the Ultraviolet Light Disinfection System at the City's Wastewater Treatment Plant and declaring an emergency.
  - Motion - Read by Title Only (Optional)
  - Legislation - First Reading
  - Motion - Suspend Second and Third Readings
  - Motion - Adoption

## **C. FINANCE & BUDGET COMMITTEE**

*Tim Abbott, Chair; Bill Woeste, Vice Chair; Chad Oberson, Member*

1. Resolution designating the public depositories for funds of the City of Fairfield, Ohio.
  - Motion - Read by Title Only (Optional)
  - Legislation - First Reading
  - Motion - Suspend Second and Third Readings
  - Motion - Adoption
2. Resolution to approve and adopt the City of Fairfield, Ohio 2020-2024 Capital Improvement Program.
  - Motion - Read by Title Only (Optional)
  - Legislation - First Reading
  - Motion - Suspend Second and Third Readings
  - Motion - Adoption
3. Ordinance to amend Ordinance No. 119-19 entitled “An Ordinance to make estimated appropriations for the expenses and other expenditures of the City of Fairfield, Ohio, during a period beginning January 1, 2020, and ending December 31, 2020.”
 

Contractual Appropriations: \$250,000 for upgrades to ultraviolet light disinfection system at Wastewater Treatment Plant.

  - Motion - Read by Title Only (Optional)
  - Legislation - First Reading
  - Motion - Suspend Second and Third Readings
  - Motion - Adoption
4. Ordinance to amend Ordinance No. 119-19 entitled “An Ordinance to make estimated appropriations for the expenses and other expenditures of the City of

Fairfield, Ohio, during a period beginning January 1, 2020, and ending December 31, 2020.”

Non-Contractual Appropriations: \$5,200 for Lime Silo Fill Pipe; \$14,695 for Water Tank Telemetry Components; \$23,200 for Turblex Blower Service; \$26,000 for 2020 Parking Lot Maintenance Program (sealing and striping); \$24,000 Parking Lot Maintenance Program (paving repairs); \$30,000 for anaerobic digester cleaning at Wastewater Treatment Plant.

- Motion - Read by Title Only (Optional)
- Legislation - First Reading
- Motion - Suspend Second and Third Readings
- Motion - Adoption

**12. MEETING SCHEDULE**

- A. Tuesday, May 26 - Regular Meeting 7:00 PM
- B. Monday, June 8 - Council-Manager Briefing 6:00 PM; Regular Meeting 7:00 PM
- C. Monday, June 22 - Council-Manager Briefing 6:00 PM; Regular Meeting 7:00 PM

**13. EXECUTIVE SESSION OF COUNCIL (IF NEEDED)**

**14. ADJOURNMENT**



Fairfield City Council  
May 1, 2020

## Public Hearing Notice

All property owners and citizens of Fairfield, Ohio are hereby notified that a joint public hearing between the Planning Commission and City Council has been scheduled for 7:00 PM Monday, May 11, 2020 at the Fairfield Municipal Building at 5350 Pleasant Avenue, Fairfield Ohio, 45014. The purpose of the hearing is to solicit citizen input regarding a Final Development Plan for a Dunkin' Restaurant on approximately 1 acre of land located at 6315 S. Gilmore Road.

Parties that wish to review the application may do so by visiting the Development Services Department located at the Fairfield Municipal Building or on the Development Services page on the City website at [www.fairfield-city.org/devservices](http://www.fairfield-city.org/devservices). Questions may be directed to the Department by telephone at (513) 867-5345 or via e-mail at [development@fairfield-city.org](mailto:development@fairfield-city.org). The Department is open Monday through Friday, between the hours of 8:00 AM and 5:00 PM.

Alisha Wilson  
Clerk of Council

For insertion in the Journal News Friday, November 1, 2019.

Attachment: JPH Notice - Dunkin (1501 : Joint Public Hearing - Dunkin' Restaurant)

**City of Fairfield  
Minutes  
Regular Meeting of City Council  
April 27, 2020**

**Council-Manager Briefing**

Capital Improvement Budget

Mayor Miller called the briefing to order at 5:30 PM. Councilmembers present: Leslie Besl, Dale Paullus, Terry Senger, Tim Abbott, Mark Scharringhausen, Chad Oberson and Bill Woeste.

Staff members present: Mark Wendling, Alisha Wilson, Scott Timmer, Dan Wendt, Carol Mayhall, Greg Kathman, Tiphonie Howard, Steve Maynard, Don Bennett, Dave Butsch, Steve Wolterman, Adam Sackenheim.

Finance Director Scott Timmer and department heads presented their CIP budgets for review and approval. See attached slides.

**Business Meeting Call to Order**

Mayor Miller called the Regular Meeting to order at 7:20 PM.

**Prayer/Pledge of Allegiance**

Councilmember Paullus led in prayer and Pledge of Allegiance.

**Roll Call**

Councilmembers present included:

| Attendee Name        | Title                    | Status  | Arrived |
|----------------------|--------------------------|---------|---------|
| Mark Scharringhausen | Council Member at Large  | Present |         |
| Chad Oberson         | Council Member at Large  | Present |         |
| Bill Woeste          | Council Member at Large  | Present |         |
| Leslie Besl          | Council Member, 1st Ward | Present |         |
| Dale Paullus         | Councilmember, 2nd Ward  | Present |         |
| Terry Senger         | Councilmember, 3rd Ward  | Present |         |
| Tim Abbott           | Council Member, 4th Ward | Present |         |
| Steve Miller         | Mayor                    | Present |         |

**Agenda Modifications**

None.

Minutes Acceptance: Minutes of Apr 27, 2020 7:00 PM (Approval of Minutes)

### **Executive Session Requests**

Councilmember Abbott, seconded by Councilmember Paullus, moved for Executive Session to discuss collective bargaining with public employees. Motion carried 7-0.

### **Special Presentations and Citizen Comments**

None.

### **Public Hearing(s)**

None.

### **Approval of Minutes**

The Regular Meeting Minutes of April 13, 2020 were approved as written and submitted.

### **OLD BUSINESS AND REPORTS**

#### **Community & Public Relations Committee**

*Dale Paullus, Chair; Leslie Besl, Vice Chair; Terry Senger, Member*

#### **Development Services Committee**

*Bill Woeste, Chair; Tim Abbott, Vice Chair; Mark Scharringhausen, Member*

#### **Parks, Recreation and Environment Committee**

*Leslie Besl, Chair; Dale Paullus, Vice Chair; Tim Abbott, Member*

#### **Public Safety Committee**

*Mark Scharringhausen, Chair; Terry Senger, Vice Chair; Dale Paullus, Member*

#### **Public Works Committee**

*Chad Oberson, Chair; Mark Scharringhausen, Vice Chair; Bill Woeste, Member*

Ordinance to authorize the City Manager to enter into a contract with John R. Jurgensen Company for the 2020 Asphalt Paving and Resurfacing Project.

#### **Recommendation:**

The staff recommends that City Council authorize the City Manager to enter into a contract with the John R. Jurgensen Company for the 2020 Asphalt Paving and Resurfacing Project at the unit prices indicated.

It is further recommended that City Council authorize and direct the preparation of legislation for the appropriation of funding in the amount of \$2,210,000.00 from the funds listed in the financial impact section for this project.

Councilmember Oberson presented the third reading of this ordinance.

ORDINANCE NO. 28-20. APPROVED 7-0.

Minutes Acceptance: Minutes of Apr 27, 2020 7:00 PM (Approval of Minutes)

|                  |                                                                 |
|------------------|-----------------------------------------------------------------|
| <b>RESULT:</b>   | <b>ADOPTED [UNANIMOUS]</b>                                      |
| <b>MOVER:</b>    | Chad Oberson, Council Member at Large                           |
| <b>SECONDER:</b> | Tim Abbott, Council Member, 4th Ward                            |
| <b>AYES:</b>     | Scharringhausen, Oberson, Woeste, Besl, Paullus, Senger, Abbott |

Ordinance to authorize the City Manager to enter into a contract with Hendy , Inc. for the Proposed Sidewalk along Route 4 from north of Magie Avenue to north of Symmes.

**Recommendation:**

It is recommended that funding be appropriated in the amount of \$68,000.00 (\$60,397.00 base bid plus a contingency of \$7,603.00). Funding will be \$61,125.00 from the Community Development Block Grant and \$6,875.00 from the Street Fund for the proposed sidewalk project. It is also recommended that City Council direct the preparation of legislation authorizing the City Manager to enter into a construction contract with Hendy for this project.

Councilmember Oberson presented the third reading of this ordinance.

ORDINANCE NO. 29-20. APPROVED 7-0.

|                  |                                                                 |
|------------------|-----------------------------------------------------------------|
| <b>RESULT:</b>   | <b>ADOPTED [UNANIMOUS]</b>                                      |
| <b>MOVER:</b>    | Chad Oberson, Council Member at Large                           |
| <b>SECONDER:</b> | Dale Paullus, Councilmember, 2nd Ward                           |
| <b>AYES:</b>     | Scharringhausen, Oberson, Woeste, Besl, Paullus, Senger, Abbott |

**Public Utilities Committee**

*Terry Senger, Chair; Chad Oberson, Vice Chair; Leslie Besl, Member*

**Finance & Budget Committee**

*Tim Abbott, Chair; Bill Woeste, Vice Chair; Chad Oberson, Member*

**NEW BUSINESS**

**Development Services Committee**

*Bill Woeste, Chair; Tim Abbott, Vice Chair; Mark Scharringhausen, Member*

Ordinance amending Ordinance No. 166-84, the Codified Ordinances of Fairfield, Ohio, Section 1141.02, the City of Fairfield, Ohio, Zoning Map by approving the Final Development Plan for the Dunkin Restaurant portion of the Chick-fil-A restaurant/retail center Planned Unit Development.

**Recommendation:**

It is recommended that City Council have a first reading on this item at the April 27, 2020 meeting, set the joint public hearing for May 11, and await the written recommendation from the Planning Commission.

Councilmember Woeste presented the first reading of this ordinance and scheduled the joint public hearing for Monday, May 11 at 7:00 PM.

Minutes Acceptance: Minutes of Apr 27, 2020 7:00 PM (Approval of Minutes)

**RESULT:**            **FIRST READING**    **Next: 5/11/2020 7:00 PM**

### **Meeting Schedule**

Clerk Wilson read the following meeting schedule:

- A. Monday, May 11 - Council-Manager Briefing, 6:00 PM; Regular Meeting 7:00 PM
- B. Tuesday, May 26 - Council-Manager Briefing, 6:00 PM; Regular Meeting 7:00 PM
- C. Monday, June 8 - Council-Manager Briefing, 6:00 PM; Regular Meeting 7:00 PM

### **Executive Session of Council (if needed)**

The meeting recessed to Executive Session at 7:40 PM.

### **14. ADJOURNMENT**

The Regular Meeting adjourned at 8:05 PM.

ATTEST:

\_\_\_\_\_  
Clerk of Council

\_\_\_\_\_  
Mayor's Approval

Date Approved\_\_\_\_\_

Minutes Acceptance: Minutes of Apr 27, 2020 7:00 PM (Approval of Minutes)



# 2020-2024 Capital Improvement Program





# Agenda

- Overview
  - ✓ Program
  - ✓ Cash Flows
- Public Utilities
  - ✓ Water
  - ✓ Wastewater
- Public Safety
  - ✓ Police
  - ✓ Fire
- Leisure Activities
  - ✓ Parks
  - ✓ Aquatic / Golf
- General Government
  - ✓ City Manager
  - ✓ Development Services
  - ✓ Finance
  - ✓ Facilities
- Transportation
  - ✓ Fleet
  - ✓ Street

## Capital Improvement Program (CIP)

- Five-Year CIP

- ✓ Represents a long-term financial plan, including funding sources.
- ✓ Establishes priorities and serves as a planning document or blueprint for the City's investment in capital infrastructure.
- ✓ Provides a breakdown of major project costs and phasing.
- ✓ Does not appropriate money. The Annual Operating Budget and the annual appropriation ordinance(s) are the documents which authorize the actual funding authority for capital projects.

## Capital Improvement Program – Priority & Need

- Priority

- ✓ Critical – essential; results in an emergency without it
- ✓ Major – serious; needs attention or is large in scope
- ✓ Minor – not serious; lesser in importance

- Need Definitions

- ✓ Mandated – legal, public health, safety, or welfare
- ✓ Service Level – maintain current, improve current, or improve efficiency or convenience
- ✓ Development Driven – economic growth, public / private partnership or quality of life

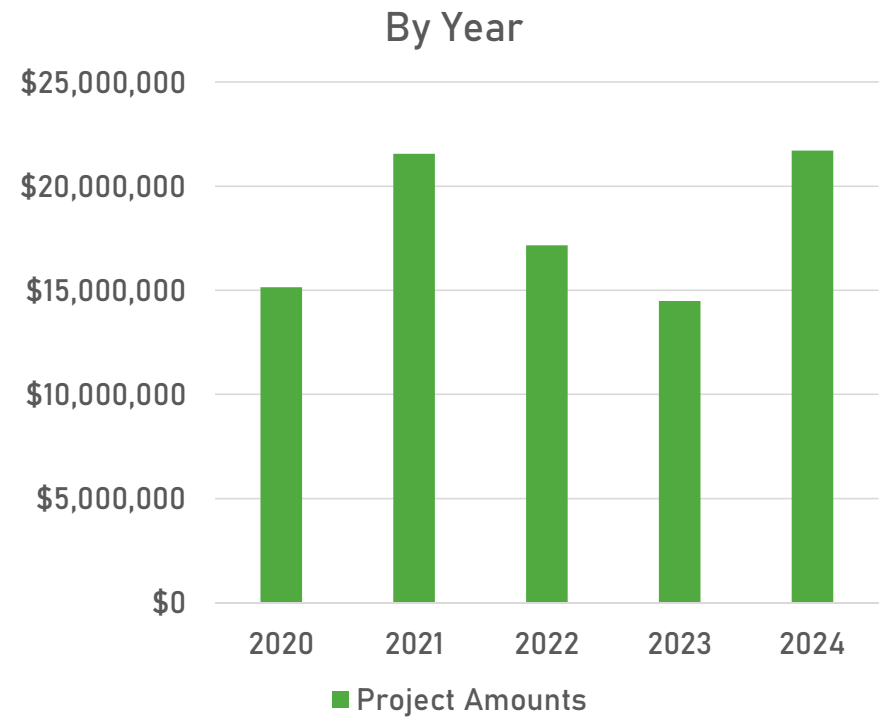
## Capital Improvement Program – By Year

- Projects

- ✓ Total 5 Year CIP = \$90,014,831

- By Year

- ✓ 2020: \$15.1 M
  - ✓ 2021: \$21.6 M
  - ✓ 2022: \$17.1 M
  - ✓ 2023: \$14.5 M
  - ✓ 2024: \$21.7 M



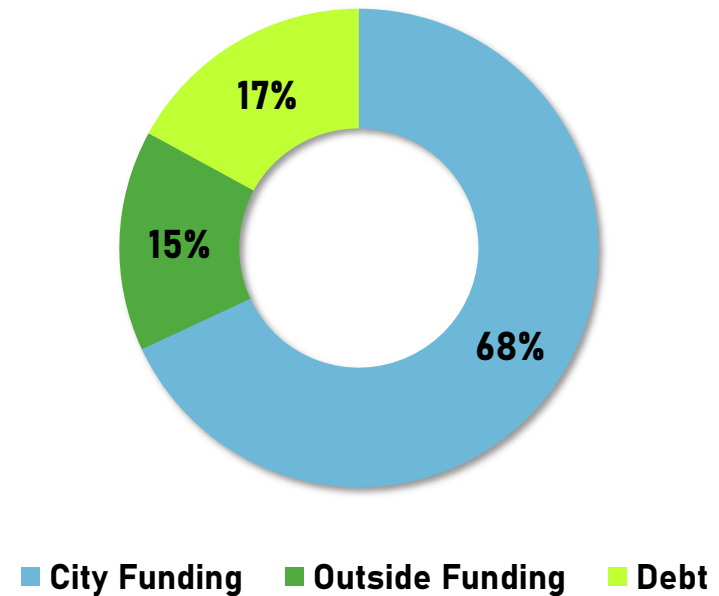
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## Capital Improvement Program – By Funding Source

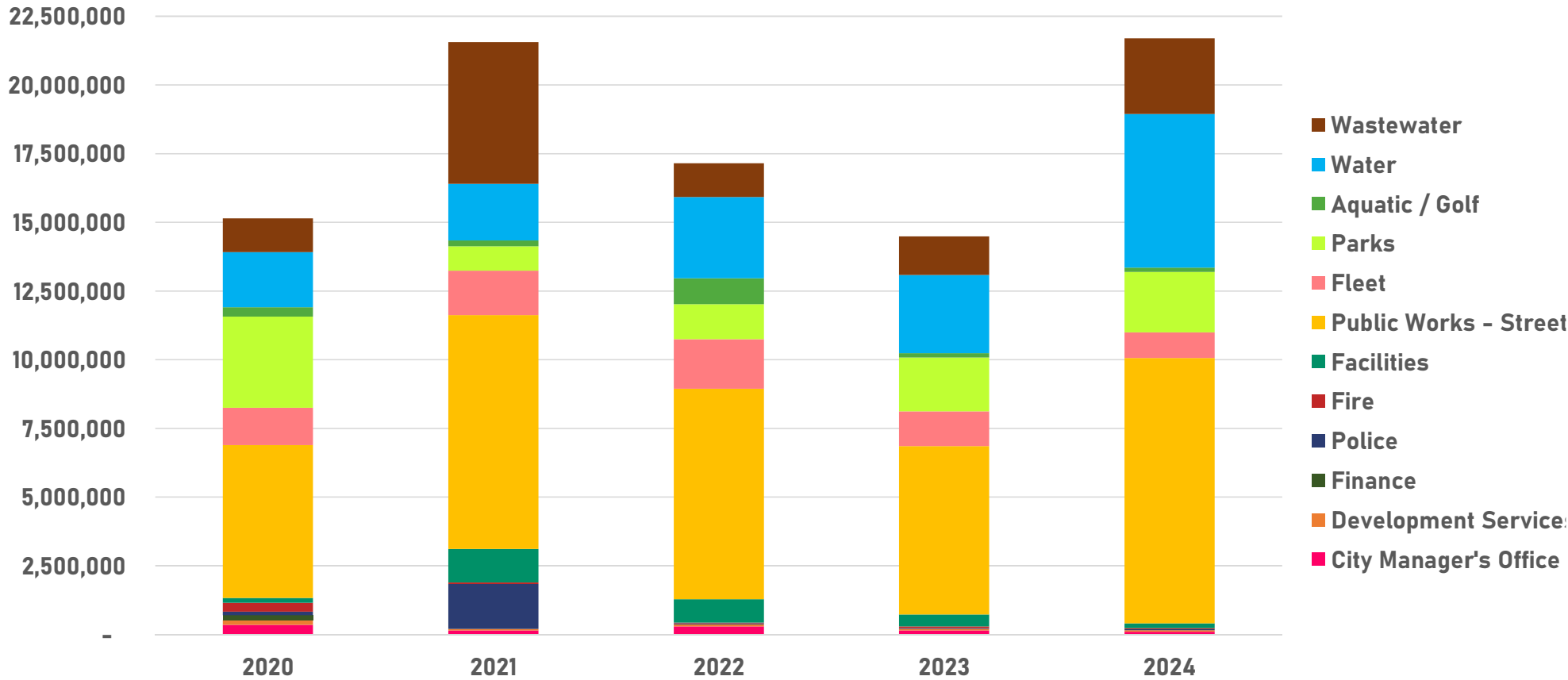
- By Funding Source

- ✓ City Funding: \$61.3 M
- ✓ Outside Funding: \$13.3 M
- ✓ Debt: \$15.4 M

### By Funding Source



# Capital Improvement Program – By Department



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## Capital Improvement Program – Project Funding

- Sources

- ✓ Income Tax

- General Fund
    - Capital Improvement Fund
    - Street Improvement Fund

- ✓ Charges For Service

- Water
      - Water Revenue
      - Water Replacement & Improvement
      - Water Surplus
    - Wastewater
      - Sewer Revenue
      - Sewer Replacement & Improvement
      - Sewer Surplus

- Cash Flows

- ✓ Revenues estimated conservatively
  - ✓ Expenditures projected aggressively

## General Fund

|                                           |                 |
|-------------------------------------------|-----------------|
| <b>Beginning Unreserved Fund Balance*</b> | <b>\$19.6 M</b> |
| Revenues – Estimated                      | \$31.4 M        |
| Expenditures – Projected                  | \$34.8 M        |
| <b>Ending Unreserved Fund Balance</b>     | <b>\$16.1 M</b> |

*\*Note: The numbers within this report have not been audited and are not intended to be presented in conformance with Generally Accepted Accounting Principles (GAA*



## Capital Improvement Fund

|                                    |         |
|------------------------------------|---------|
| Beginning Unreserved Fund Balance* | \$0.3 M |
| Revenues – Estimated               | \$4.9 M |
| Expenditures – Projected           | \$5.1 M |
| Ending Unreserved Fund Balance     | \$0.1 M |

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*Adam Sackenheim*



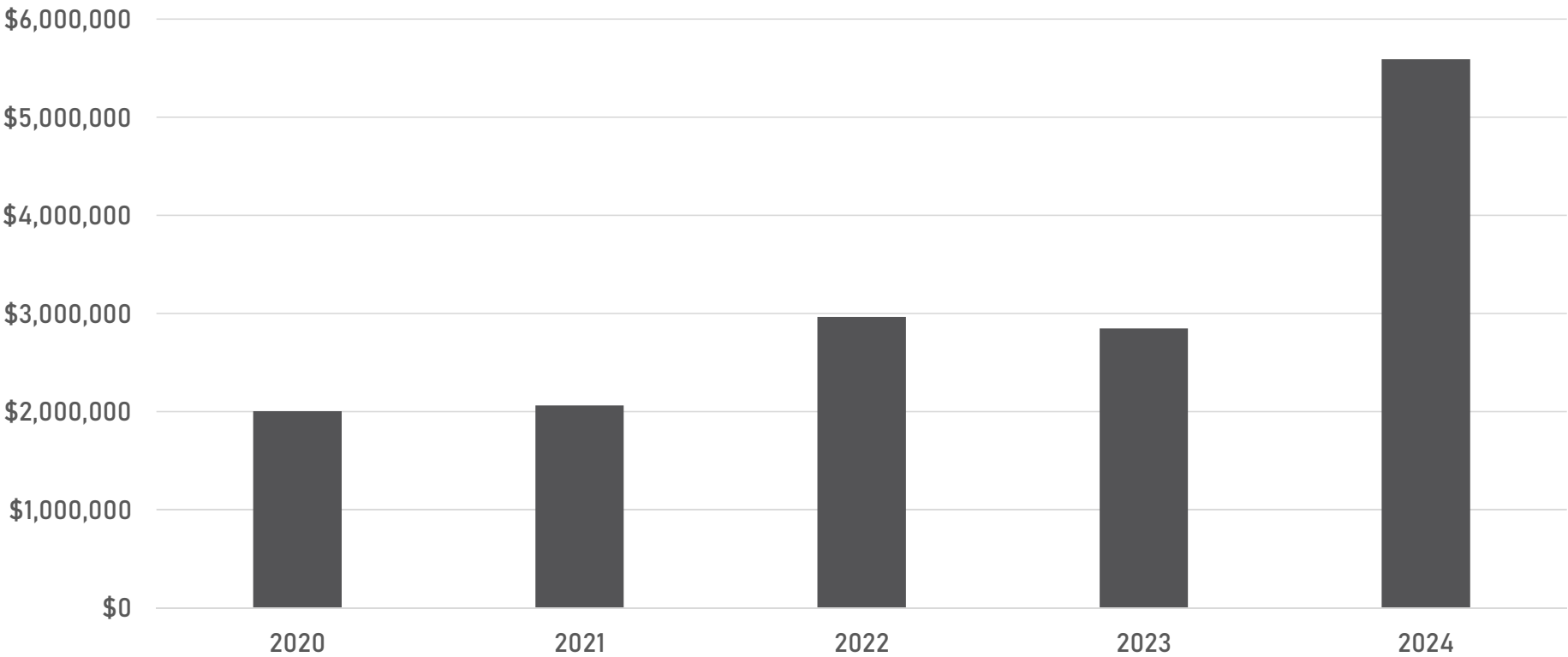
## Water Revenue Fund

|                                    |         |
|------------------------------------|---------|
| Beginning Unreserved Fund Balance* | \$4.7 M |
| Revenues – Estimated               | \$6.7 M |
| Expenditures – Projected           | \$7.1 M |
| Ending Unreserved Fund Balance     | \$4.3 M |

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# Public Utilities - Water

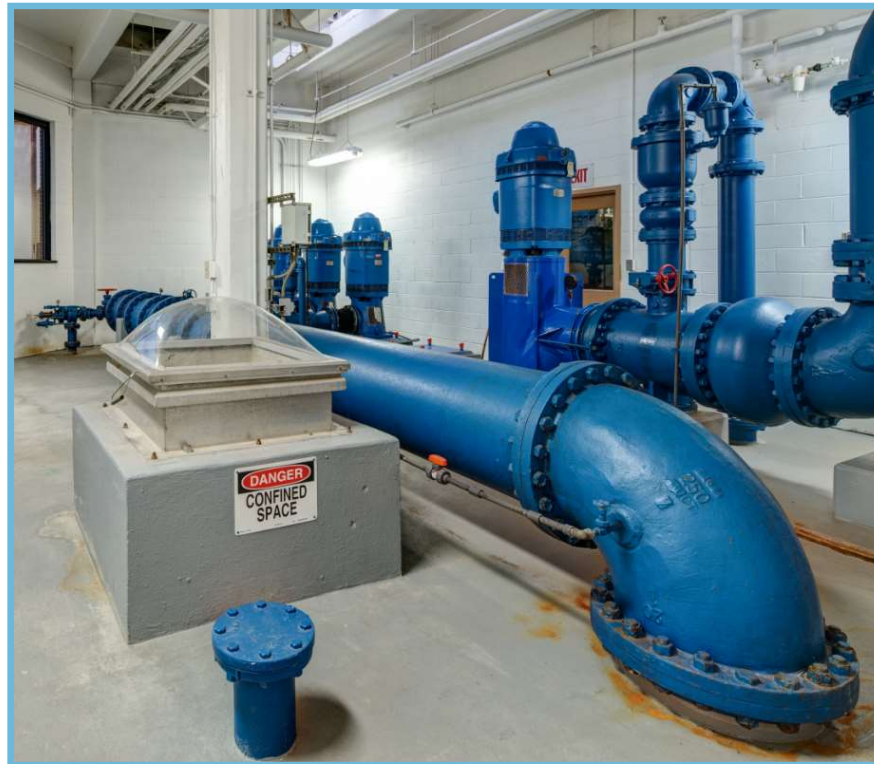
5-Year Capital Improvement Program



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## Water Projects

- 0WT04 – Pump Overhaul / Replacement Program



5/4/2020

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14

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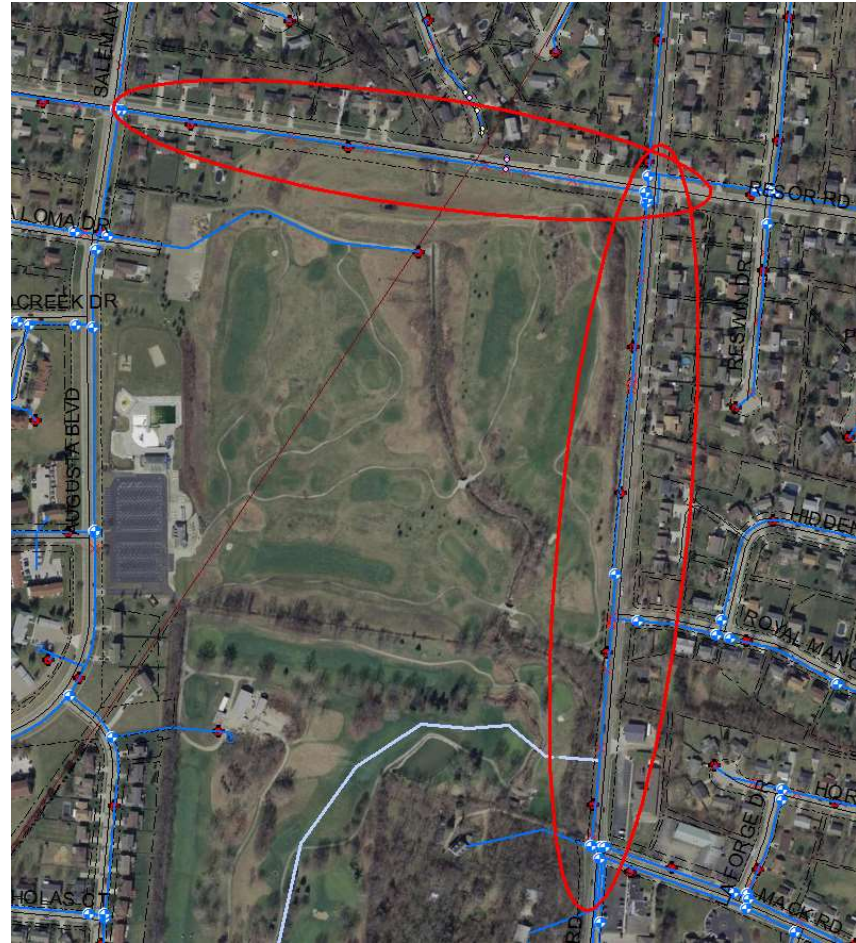
## Water Projects

- 0WT07 – Replace Non-Process Equipment



## Water Projects

- 0WT10 – Small Water Line Improvements





## Water Projects

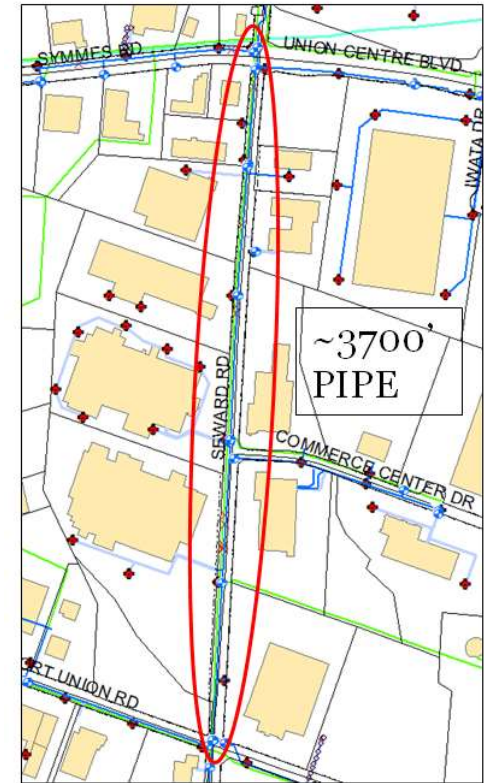
- 0WT12 – Water Tank / Tower Maintenance





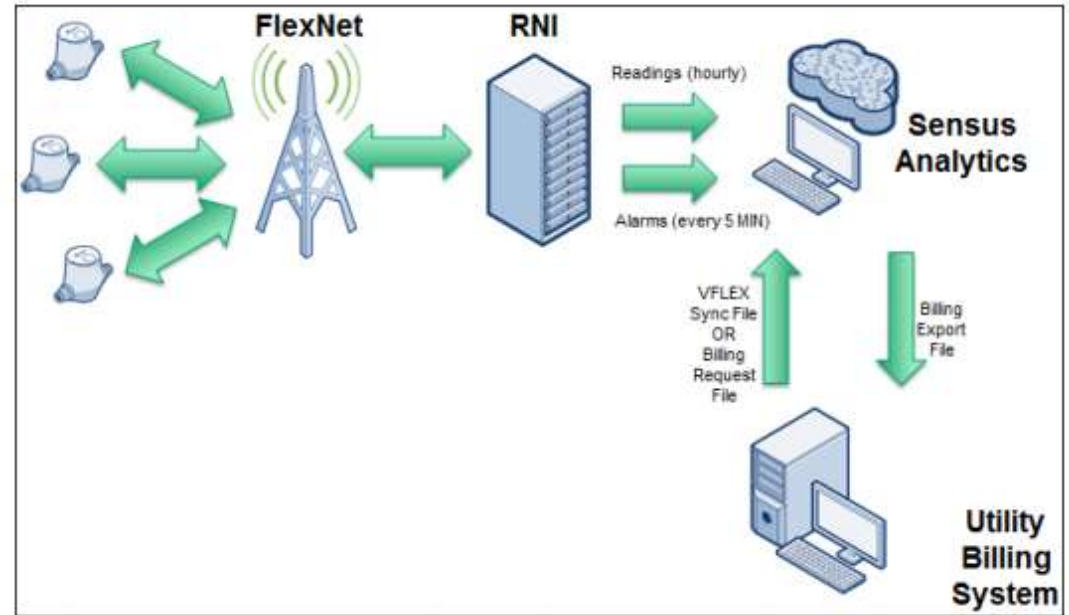
## Water Projects

- 0WT14 – Asphalt / Concrete Replacement



## Water Projects

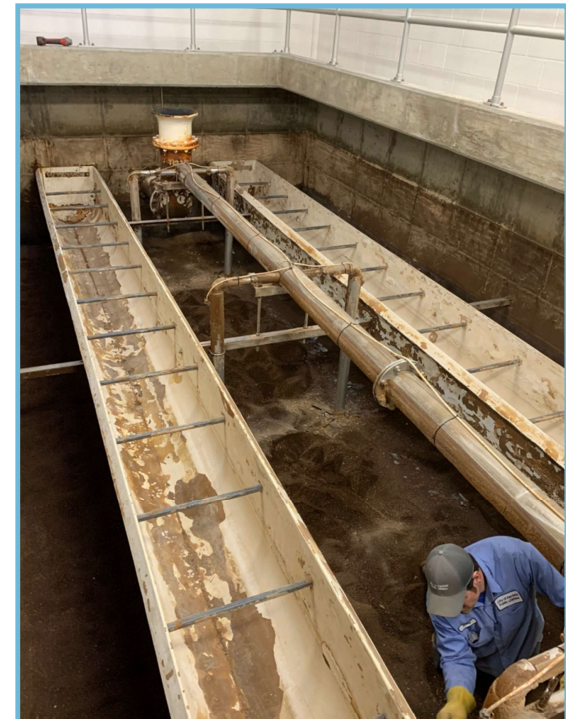
- 0WT17 – Automatic Meter Reading (AMR)
  - ✓ 1WT17, 2WT17, 3WT17
  - ✓ 0WW14, 1WW14, 2WW14, 3WW14



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## Water Projects

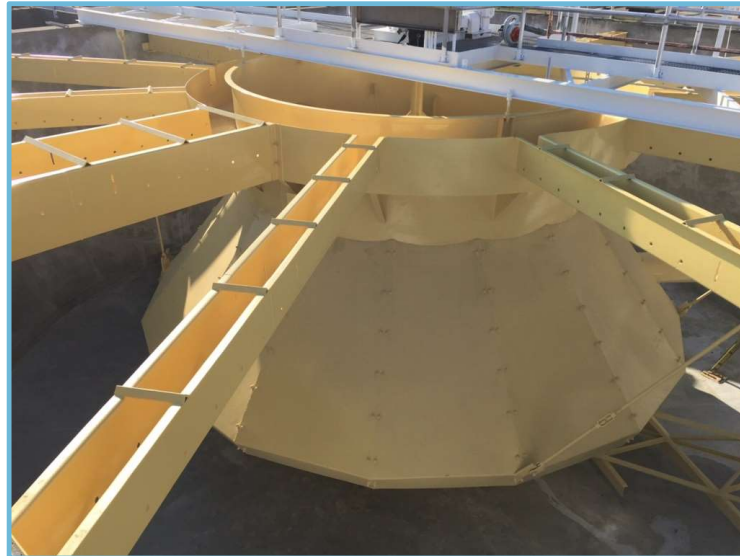
- 0WT20 – Filter Media Equipment





## Water Projects

- 0WT24 – Water Plant Painting / Re-Coating



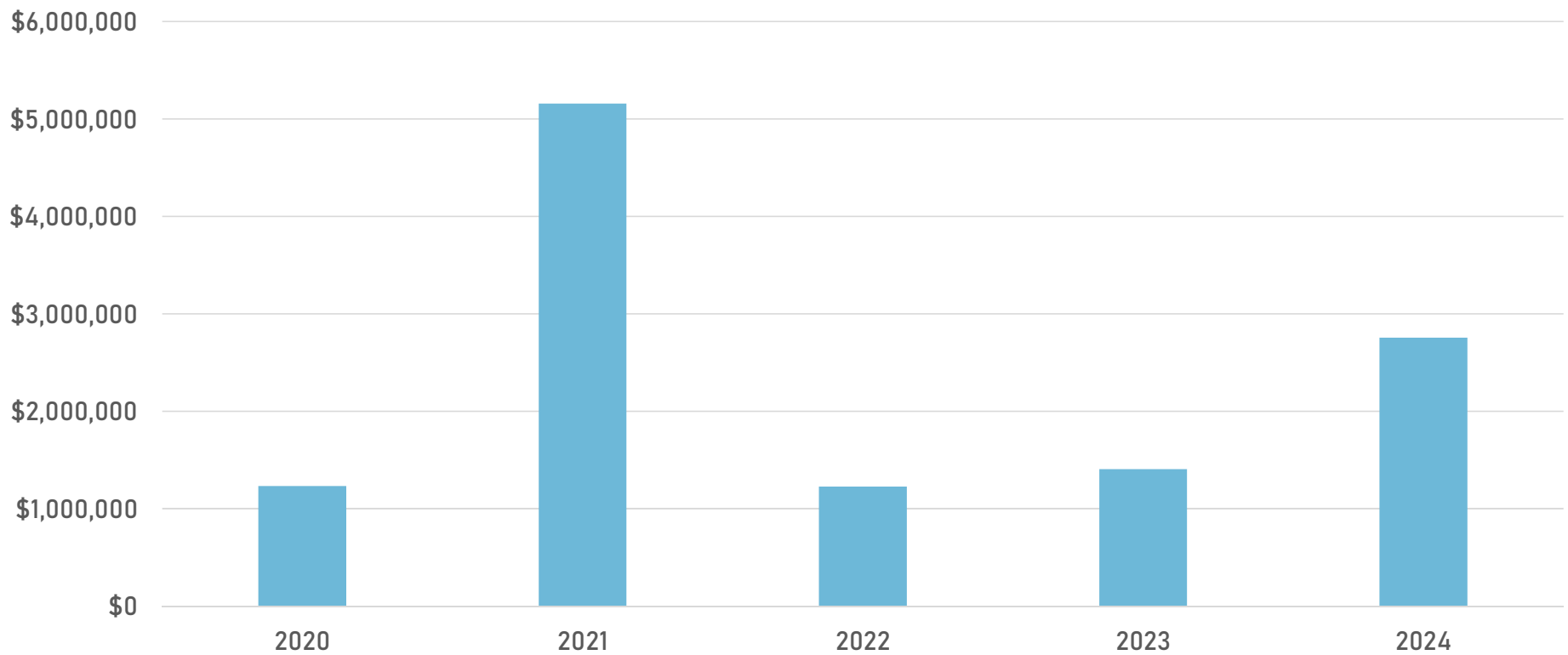
## Sewer Revenue Fund

|                                    |         |
|------------------------------------|---------|
| Beginning Unreserved Fund Balance* | \$4.4 M |
| Revenues – Estimated               | \$7.6 M |
| Expenditures – Projected           | \$7.2 M |
| Ending Unreserved Fund Balance     | \$4.8 M |

*\*Note: The numbers within this report have not been audited and are not intended to be presented in conformance with Generally Accepted Accounting Principles (GAA*

## Public Utilities – Wastewater

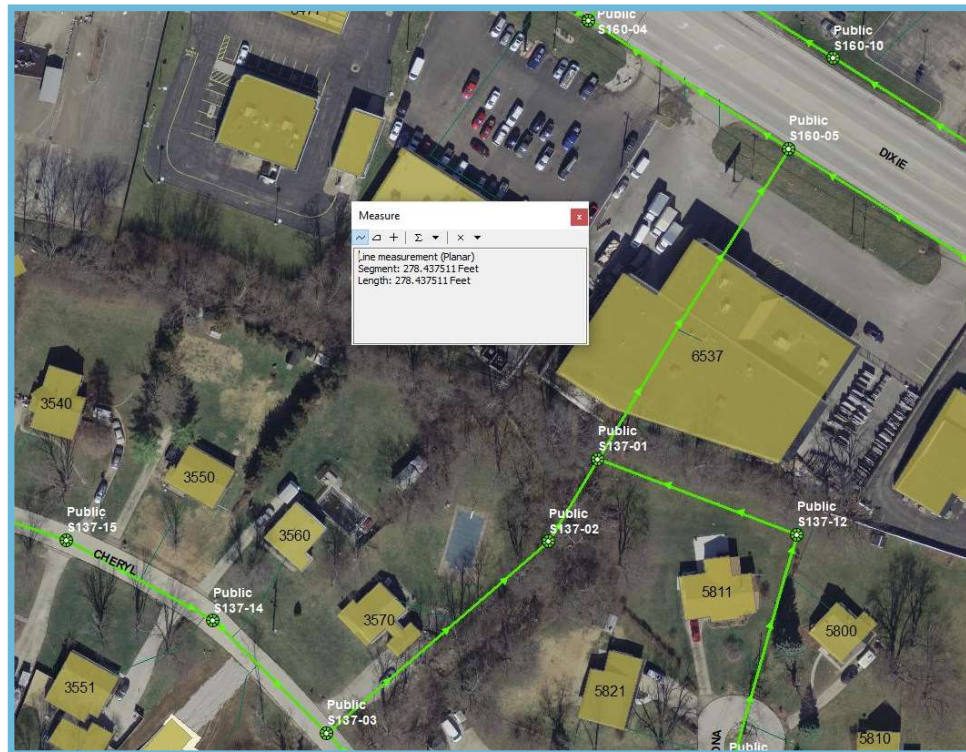
### 5-Year Capital Improvement Program



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# Wastewater Projects

- 0WW01 – Sanitary Sewer Rehabilitation



## Wastewater Projects

- 0WW15 – Anaerobic Digester Cleaning



5/4/2020

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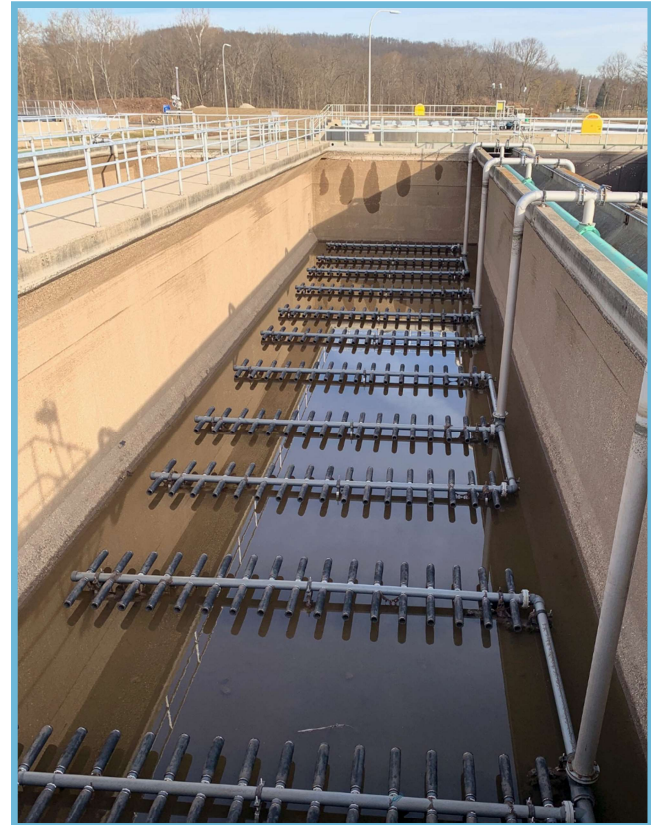
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## Wastewater Projects

- 0WW16 – Aeration System Improvements
  - ✓ 1WW16



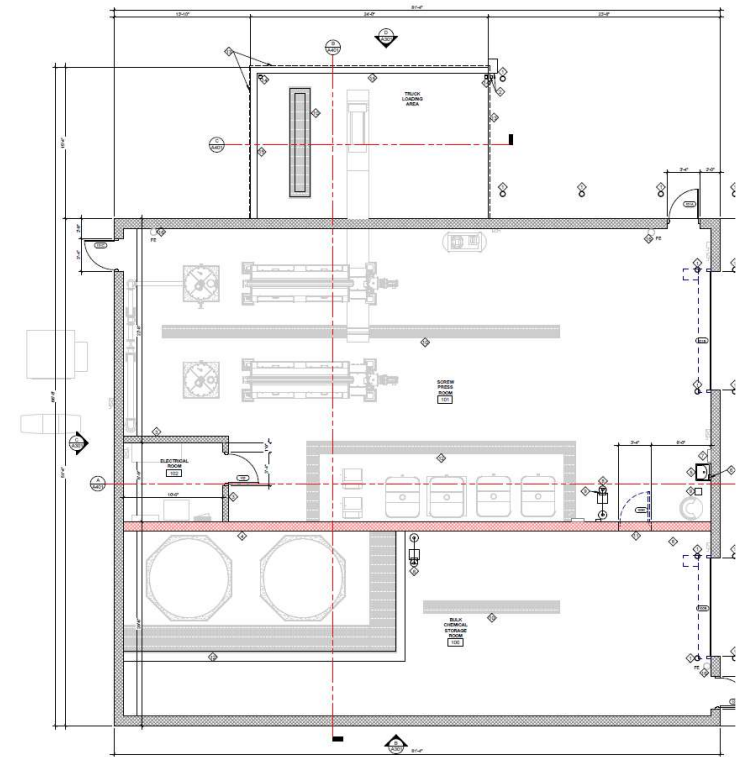
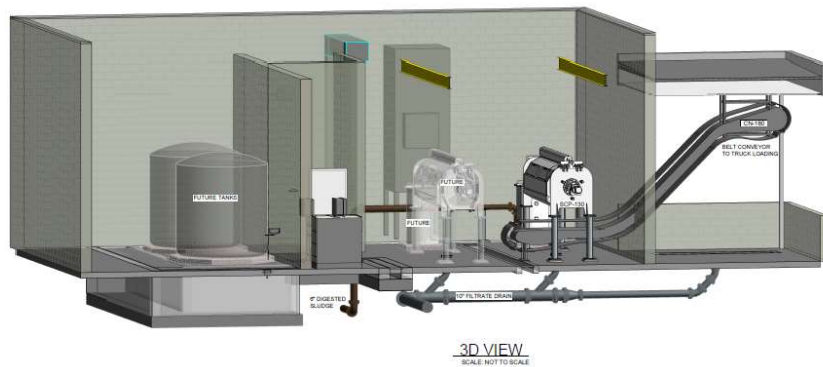
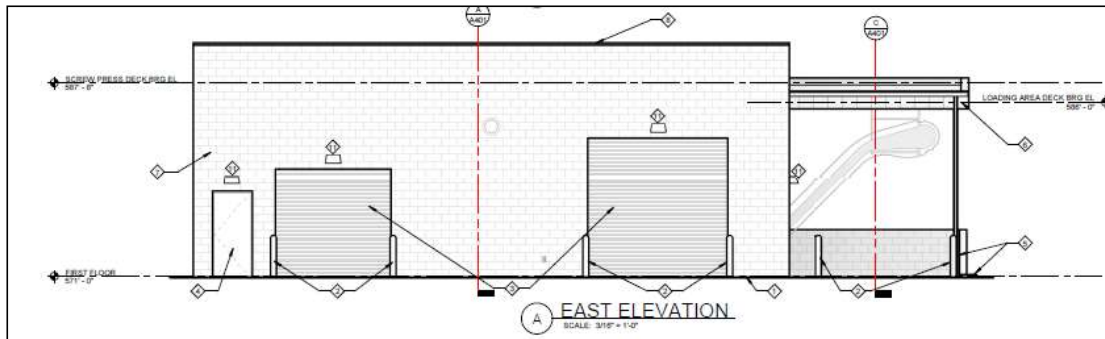
## Wastewater Projects

- 0WW18 – UV-Lamp Replacement



# Wastewater Projects

- 0WW26 – Dewatering / Chemical Feed Building
- ✓ 1WW20



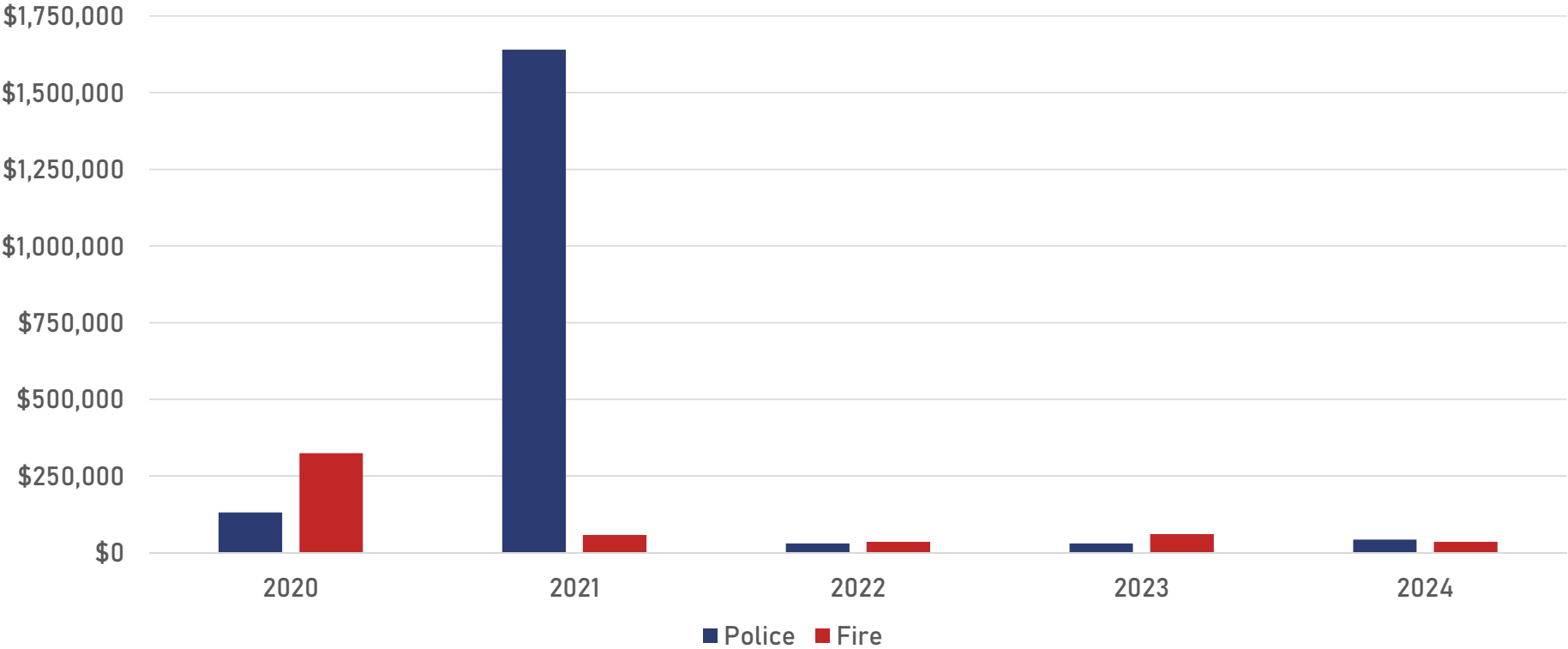
Minutes Acceptance: Minutes of Apr 27, 2020 7:00 PM (Approval of Minutes)



*Chief Steve Maynard & Chief Don Bennett*

# Public Safety – Police & Fire

5-Year Capital Improvement Program



Minutes Acceptance: Minutes of Apr 27, 2020 7:00 PM (Approval of Minutes)

## Public Safety - Police

- 2020 – 3 Projects
  - ✓ 3 Major
    - Police Vehicle Equipment (\$30 K)
    - Property Room Improvements (\$61 K)
    - Animal Shelter Upgrade (\$40 K)
- Primary funding sources:
  - ✓ 402-Capital Improvement Fund (\$70 K)
  - ✓ 211-Law Enforcement Fund (\$61 K)
- 2021-24 Project Highlights
  - ✓ CAD / RMS Replacement (\$1.5 M)





## Public Safety - Fire

- 2020 – 3 Projects

- ✓ 1 Critical

- Replace Self Contained Breathing AP (\$280 K)

- ✓ 2 Major

- Replace Hose and Appliances (\$35 K)
    - Replacement Bedding (\$9.5 K)

- Primary funding source:

- ✓ 402-Capital Improvement Fund (\$324 K)



# FAIRFIELD

PARKS AND RECREATION

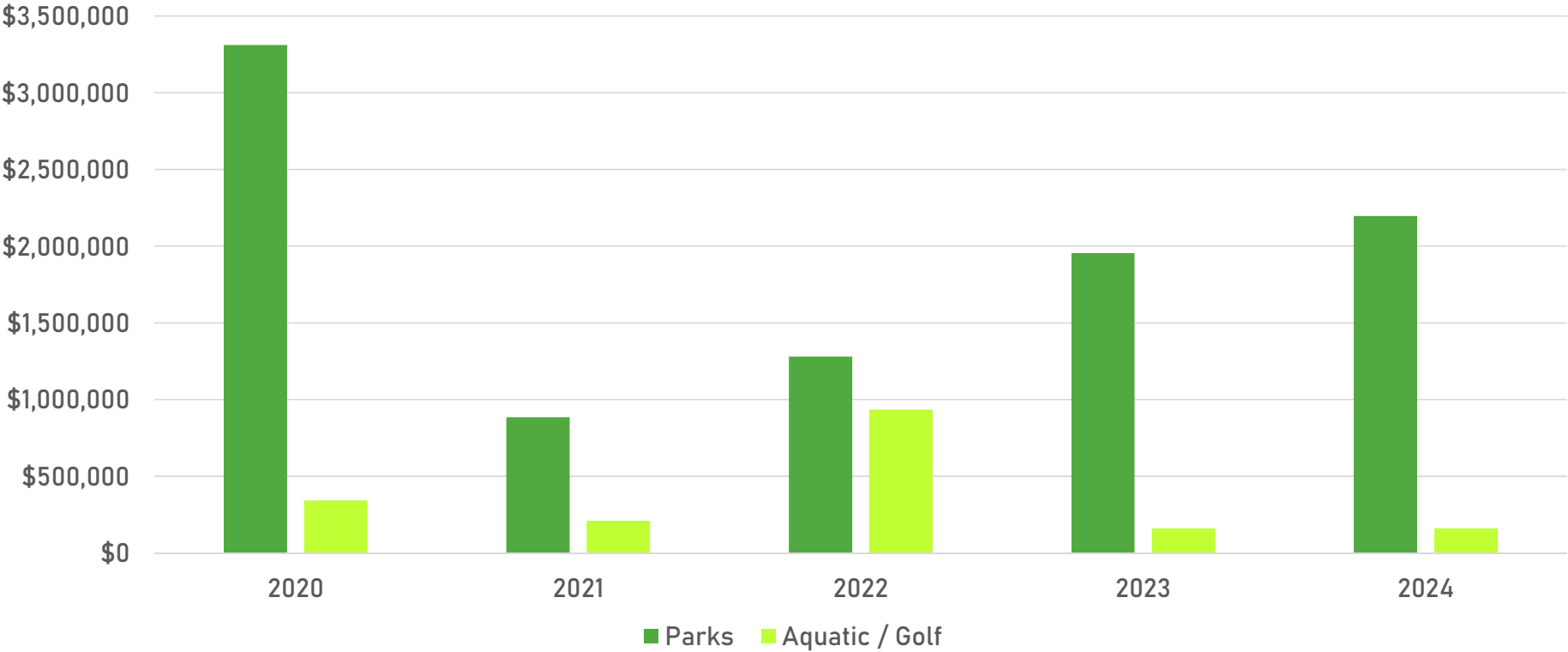
*Tiphonie Howard*

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# Leisure Activities – Parks & Aquatic / Golf

5-Year Capital Improvement Program



Minutes Acceptance: Minutes of Apr 27, 2020 7:00 PM (Approval of Minutes)

## Leisure Activities – Parks

- 2020 – 12 Projects
  - ✓ 2 Major
  - ✓ 10 Minor
- Primary funding sources:
  - ✓ 206-Tax Recreation Fund (\$80 K)
  - ✓ 402-Capital Improvement Fund (\$310.5 K)
  - ✓ 411-Downtown Development Fund (\$20 K)
  - ✓ 413-Park Development Fund (\$2.15 M)
  - ✓ State Funding (\$750 K)



## Leisure Activities – Parks

- 2020 Project Highlights

- ✓ Community Arts Center Upgrades (\$78 K)
- ✓ Village Green / Town Center (\$20 K)
- ✓ Playground Equipment (\$40 K)
- ✓ Connectivity and Overlay (\$130 K)
- ✓ Software Upgrades (\$55 K)
- ✓ Site Amenities (\$30 K)
- ✓ Harbin Park Renovations (\$2.0 M)
- ✓ Harbin Park Loop Trail (\$400 K)
- ✓ Equipment (\$15 K)
- ✓ Huffman Improvement (\$500 K)
- ✓ Landscaping Upgrades (\$12.5 K)
- ✓ Facility Maintenance (\$30 K)



## Leisure Activities – Aquatic / Golf

- 2020 – 8 Projects
  - ✓ 2 Major
  - ✓ 6 Minor
- Primary funding sources:
  - ✓ 402-Capital Improvement Fund (\$145 K)
  - ✓ 640-Recreation Facilities Fund (\$198 K)
    - *Note: All projects funded out of 640-Recreation Facilities Fund are Revenue Dependent; in order for a project to be approved revenue must support the project.*





## Leisure Activities – Aquatic / Golf

- Annual Projects

- ✓ Golf Course Improvements (\$35 K)
- ✓ Mowers / Equipment Replacement (\$75 K)
- ✓ Beautification / Landscaping (\$15 K)
- ✓ Aquatic Center Improvements (\$20 K)
- ✓ Golf Course Signage (\$50 K)
- ✓ South Trace Renovation (\$75 K)
- ✓ South Trace AV Upgrades (\$18 K)
- ✓ Outdoor Tables and Chairs (\$55 K)



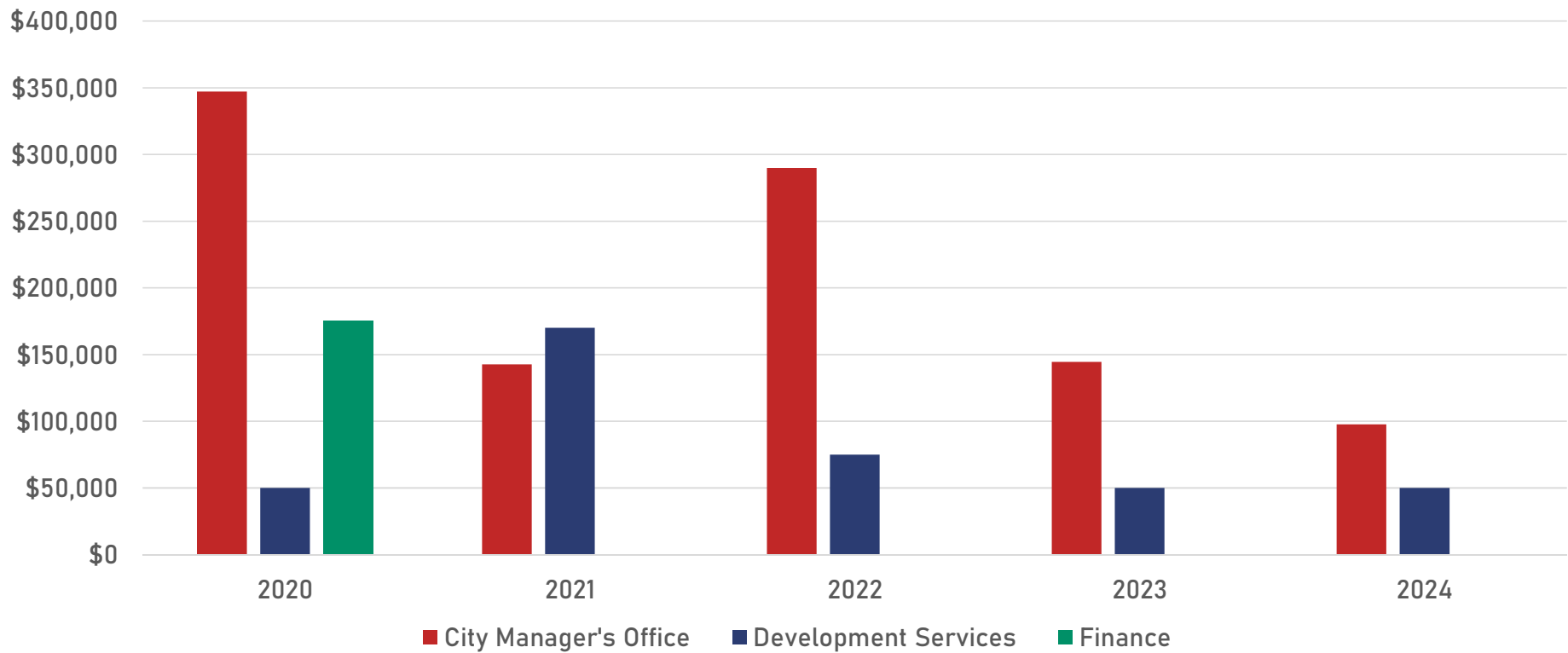


## General Government



# General Government

## 5-Year Capital Improvement Program



Minutes Acceptance: Minutes of Apr 27, 2020 7:00 PM (Approval of Minutes)

## General Government – City Manager's Office

- 2020 – 5 Projects

- ✓ 2 Critical

- Software Maintenance (\$115 K)
    - Computer & Server Equipment (\$133.8 K)

- ✓ 3 Major

- Network Infrastructure Maintenance (\$50 K)
    - Citywide Document Imaging (\$10 K)
    - Camera Surveillance System (\$37.5 K)

- Primary funding sources:

- ✓ 402-Capital Improvement Fund (\$217.8 K)
  - ✓ 100-General Fund (\$125.8 K)
  - ✓ 624-Sewer Surplus Fund (\$3.5 K)



## General Government – Development Services

- 2020 – 1 Projects
  - ✓ 1 Minor
    - Citywide Redevelopment
- Primary funding source:
  - ✓ 100-General Fund (\$50 K)



## General Government – Finance

- 2020 – 1 Projects
  - ✓ 1 Major
    - Income Tax Software
- Primary funding source:
  - ✓ 100-General Fund (\$175 K)



Collects taxes faster  
and more efficiently



Increases productivity  
by automating  
processes



Ensures legislative  
compliance is  
maintained

# FAIRFIELD

PUBLIC WORKS

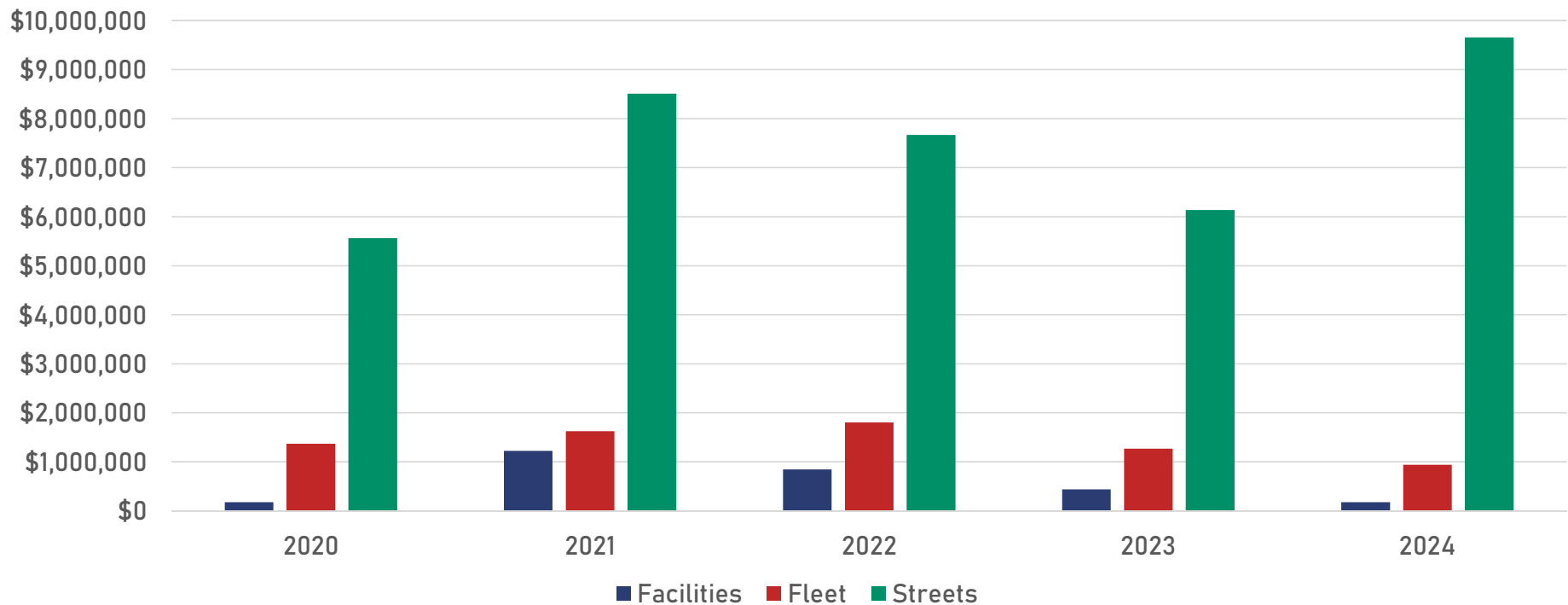
*Dave Butsch*

FAIRFIELD  
OHIO

Minutes Acceptance: Minutes of Apr 27, 2020 7:00 PM (Approval of Minutes)

## General Government – Facilities Transportation – Fleet & Streets

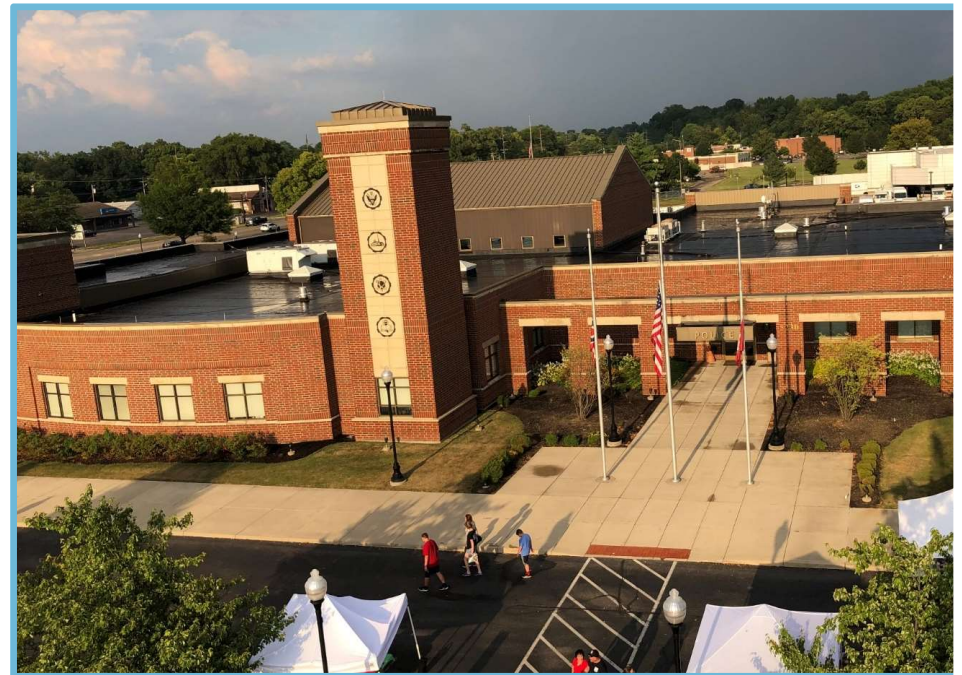
5-Year Capital Improvement Program



Minutes Acceptance: Minutes of Apr 27, 2020 7:00 PM (Approval of Minutes)

## General Government – Facilities

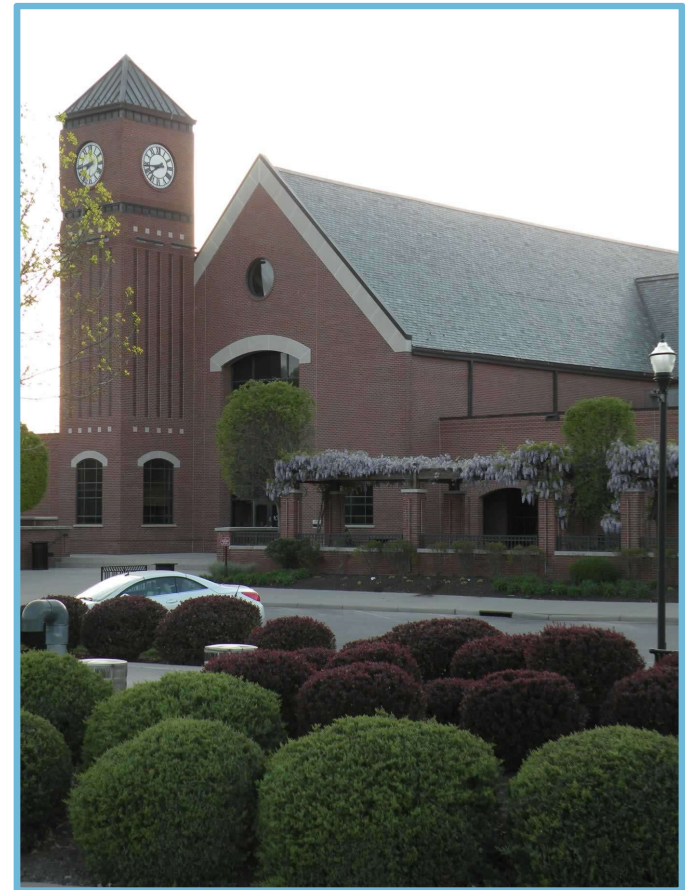
- 2020 – 8 Projects
  - ✓ 8 Minor
- Primary funding sources:
  - ✓ 402-Capital Improvement Fund (\$145 K)
  - ✓ 100-General Fund (\$5.5 K)
  - ✓ 624-Sewer Surplus Fund (\$25 K)



## General Government – Facilities

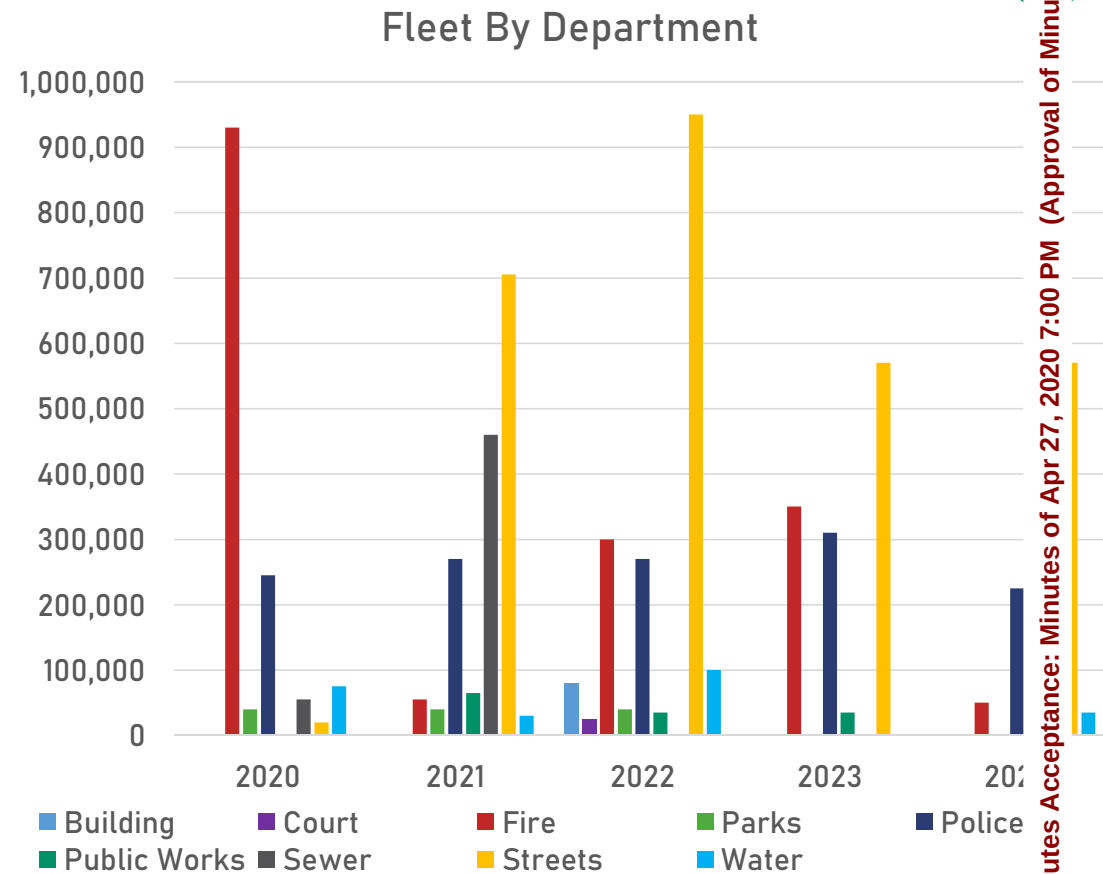
### • Annual Projects

- ✓ Energy Management Update (\$45 K)
  - Johnson Controls (Citywide)
- ✓ Sewer Plant Repairs & Upgrades (\$25 K)
- ✓ Parks Buildings Repairs & Upgrades(\$30 K)
  - Elisha Morgan Mansion Fascia Repairs
- ✓ Lane Library Repairs (\$5 K)
- ✓ Public Works Repairs & Upgrades (\$10 K)
  - Replace Carpet (Office Area)
- ✓ Justice Center Repairs & Upgrades (\$10 K)
  - Replace Carpet (Records Area)
- ✓ Firehouse Repairs & Upgrades (\$20 K)
- ✓ Landscaping of City Facilities (\$30.5 K)
  - **Justice Center Landscaping**
  - Turf and Landscaping at the Municipal Building / Annex



## Transportation – Fleet

- 2020 – 9 Projects
  - ✓ 3 Major
  - ✓ 6 Minor
- Primary funding sources:
  - ✓ 402-Capital Improvement Fund (\$1.2 M)
    - Fire – Ambulance (\$300 K)
    - Fire – Fire Truck (\$630 K)
    - Police – Patrol Vehicles (\$210 K)
    - Police – Staff Vehicle (\$35 K)
    - **Public Works – Mower (\$10 K)**
    - Public Works – Radio (\$10 K)
    - Parks – Pickup Truck (\$40 K)
  - ✓ 605-Water Surplus Fund (\$57 K)
    - Superintendent – Pickup Truck (50%; \$18 K)
    - Meter Repair Crew – Van (\$39 K)
  - ✓ 624-Sewer Surplus Fund (\$73 K)
    - Superintendent – Pickup Truck (50%; \$18 K)
    - Electrician – Utility Truck (\$55 K)





## Street Improvement Fund

|                                    |         |
|------------------------------------|---------|
| Beginning Unreserved Fund Balance* | \$6.7 M |
| Revenues – Estimated               | \$4.6 M |
| Expenditures – Projected           | \$4.8 M |
| Ending Unreserved Fund Balance     | \$6.5 M |

## Street Improvement Fund *(with 10% revenue loss and no transfer)*

|                                    |          |
|------------------------------------|----------|
| Beginning Unreserved Fund Balance* | \$6.7 M  |
| Revenues – Estimated               | \$3.25 M |
| Expenditures – Projected           | \$4.8 M  |
| Ending Unreserved Fund Balance     | \$5.15 M |

*\*Note: The numbers within this report have not been audited and are not intended to be presented in conformance with Generally Accepted Accounting Principles (GAA*

Minutes Acceptance: Minutes of Apr 27, 2020 7:00 PM (Approval of Minutes)



## Transportation - Street

- 2020 – 24 Projects
  - ✓ 1 Critical
  - ✓ 15 Major
  - ✓ 8 Minor
  
- Primary funding sources:
  - ✓ 401-Street Improvement Fund (\$3.3 M)
  - ✓ 402-Capital Improvement Fund (\$1.3 M)
  - ✓ 100-General Fund (\$320 K)
  - ✓ 205-County Motor Vehicle Fund (\$45 K)
  - ✓ 211-Law Enforcement Fund (\$5 K)
  - ✓ Grant / Other Funding (\$530 K)



## Transportation - Street

### • Annual Projects

- ✓ Drainage Improvements - In-house / Contracted (\$130 K)
- ✓ Street Paving & Concrete Program (\$2.85 M)
  - 24.4 Lane Miles
  - \$116,800 / Lane Mile
- ✓ Landscape Maintenance (\$170 K)
  - In-house / Contracted (Rt. 4 and Patterson)
  - Tree & Stump Removals, Tree Plantings
- ✓ Pavement Marking (\$120 K)
- ✓ Drywell Cleaning (\$10 K)
- ✓ Sidewalk Replacement (\$210 K)
  - Property Owners are Billed



## Transportation - Street

### • 2020 Project Highlights

- ✓ Route 4 / Michael / Camelot – R/W (\$250 K)
  - Construction 2021
- ✓ North Route 4 Sidewalk Improvements (\$79 K)
  - Gaps between Hicks and St. Clair
- ✓ Ivy and Leila Roadway Improvements (\$90 K)
  - CDBG (\$62 K), Street Improvement Fund (\$28 K)
  - Draining Improvements and Paving (1994)
- ✓ Boymel and Route 4 Construction (\$363 K)
  - OPWC (\$200 K), Street Improvement Fund (\$163 K)
  - Add Lane on East Side
  - Better Align Opposing Left Turn Lanes
- ✓ Muskopf Stormsewer Construction (\$990 K)





# Questions?





**City Council Ordinance**  
**Regular Meeting - May 11, 2020**

Submitted by: Erin Lynn,  
 Submitting Department: Development Services

**Subject:**

Dunkin' Restaurant Final Development Plan

**Legislation Title:**

Ordinance amending Ordinance No. 166-84, the Codified Ordinances of Fairfield, Ohio, Section 1141.02, the City of Fairfield, Ohio, Zoning Map by approving the Final Development Plan for the Dunkin Restaurant portion of the Chick-fil-A restaurant/retail center Planned Unit Development.

**Recommendation:**

It is recommended that City Council have a first reading on this item at the April 27, 2020 meeting, set the joint public hearing for May 11, and await the written recommendation from the Planning Commission.

**Background/Synopsis:**

The property is currently a part of the Chick-fil-A Restaurant/ Retail Center Planned Unit Development (PUD) that was approved in 2018. The proposal is to build a 2,300 square foot stand-alone Dunkin' Restaurant with a drive-thru facility. The site will utilize the existing curb cut on Casual Way that is shared with Chick-fil-A Restaurant.

The proposed location, including the adjacent Chick-fil-A Restaurant, was originally part of the Meijer-South Gilmore PUD approved in 1995. All of the undeveloped land in front of the Meijer store was designated as permanent open space per a condition of approval. In 2018, Chick-fil-A received approval to modify the PUD to allow their restaurant and an outlot.

**Financial Impact:**

None. This is a land use decision.

**Emergency Provision Explanation:**

NA

**Rule Suspension Requested:**

No

**Emergency Provision Needed:**

No

**Attachments:**

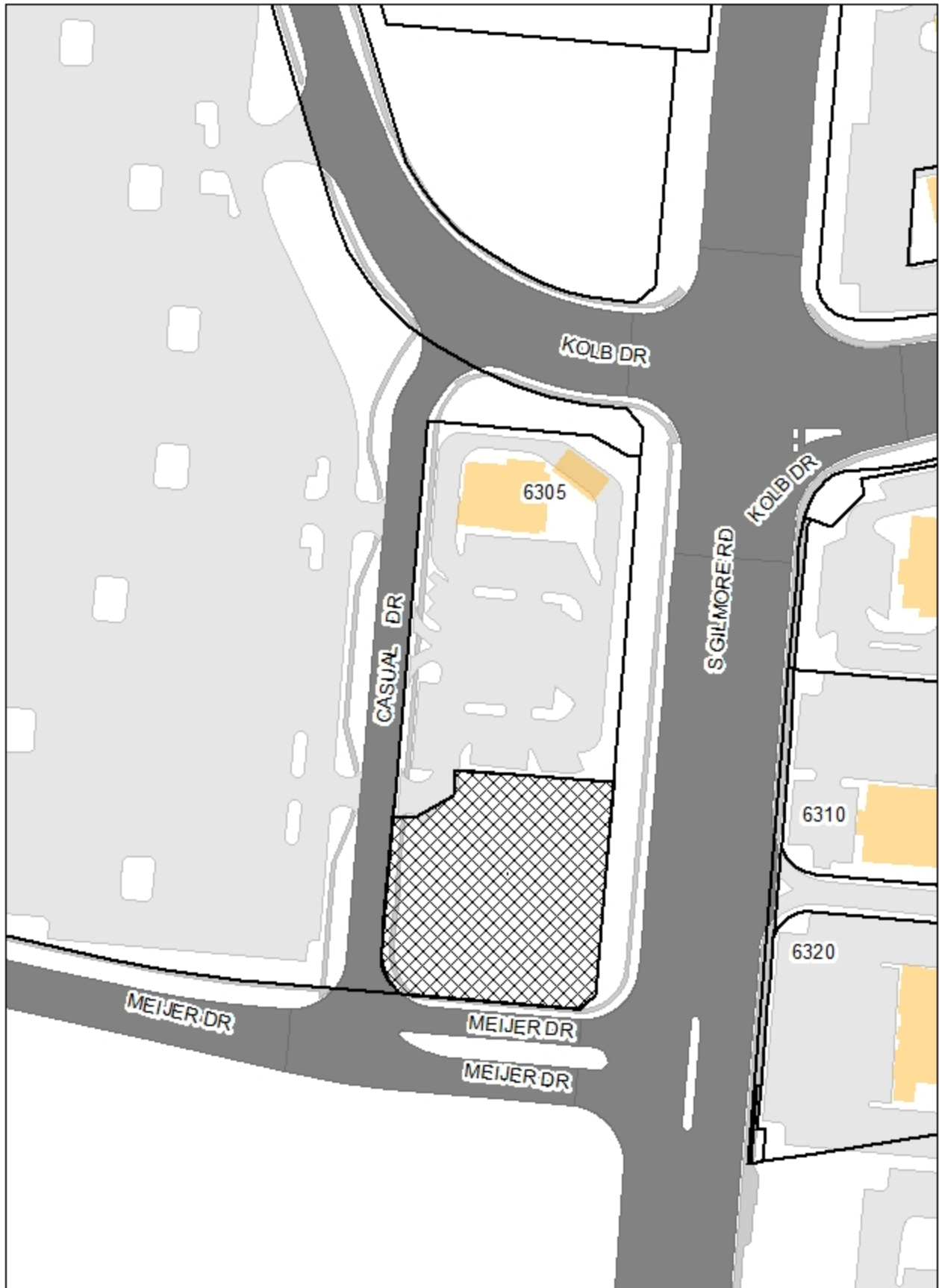
1. Dunkin' Restaurant location map

## 2. Dunkin Restaurant-PUD





## Proposed Dunkin' Restaurant



Attachment: Dunkin' Restaurant location map (1488 : Dunkin' Restaurant Final Development Plan)

ORDINANCE NO. \_\_\_\_\_

ORDINANCE AMENDING ORDINANCE NO. 166-84, THE CODIFIED ORDINANCES OF FAIRFIELD, OHIO, SECTION 1141.02, THE CITY OF FAIRFIELD, OHIO, ZONING MAP BY APPROVING THE FINAL DEVELOPMENT PLAN FOR THE DUNKIN RESTAURANT PORTION OF THE CHICK-FIL-A RESTAURANT/RETAIL CENTER PLANNED UNIT DEVELOPMENT.

BE IT ORDAINED by the Council of the City of Fairfield, Ohio, that:

Section 1. The official Zoning Map of the City of Fairfield, Ohio, which is incorporated into Ordinance No. 166-84, The Codified Ordinances of Fairfield, Ohio, Section 1141.02, is hereby amended by approving the final development plan for the Dunkin Restaurant portion of the Chick-fil-A Restaurant/Retail Center Planned Unit Development, a copy of which plan, including the written terms and conditions which constitute a material part thereof, is on file in the office of the Clerk of Council and which are incorporated herein by reference.

Section 2. The Director of Development Services is hereby directed to change the official Zoning Map of the City of Fairfield, Ohio in accordance with this ordinance.

Section 3. This ordinance shall take effect at the earliest period allowed by law.

Passed \_\_\_\_\_

Mayor's Approval \_\_\_\_\_

Posted \_\_\_\_\_

First Reading \_\_\_\_\_

Rules Suspended \_\_\_\_\_

Second Reading \_\_\_\_\_

Third Reading \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Clerk of Council

This is to certify that this Ordinance has been duly published by posting and summary publication as provided by Charter.

\_\_\_\_\_  
Clerk of Council

Active Clients\City of Fairfield\Ordinances\2020\Dunkin Restaurant-PUD

Attachment: Dunkin Restaurant-PUD (1488 : Dunkin' Restaurant Final Development Plan)





## City Council Ordinance Regular Meeting - May 11, 2020

Submitted by: Ben Mann,  
Submitting Department: Public Works

### **Subject:**

Surface Transportation Program Application for South Gilmore Road between Mack and Resor

### **Legislation Title:**

Ordinance to authorize the City Manager to execute and file the application for financial assistance and enter into an agreement with Ohio Kentucky Indiana Regional Council of Governments (OKI) for South Gilmore Road Improvements between Mack Road and Resor Road and declaring an emergency.

### **Recommendation:**

It is recommended that City Council authorize the preparation of legislation, with rules suspension and emergency provision, authorizing the City Manager to execute and file the application for financial assistance, and enter into an agreement for a grant to fund a portion of the South Gilmore Road Improvements between Mack Road and Resor Road.

### **Background/Synopsis:**

It is necessary for City Council to authorize the City Manager to execute an OKI grant application for financial assistance.

The City of Fairfield is working to implement a widening improvement to the South Gilmore Road corridor. The improvement being considered is to widen southbound South Gilmore Road from just north of Mack Road to approximately 600' north of Resor Road. This improvement was identified by Burgess and Niple in a 2006 study performed by the Cities of Fairfield and Forest Park. A preliminary analysis and cost estimate were completed by Strand Associates in 2017 for the City of Fairfield as we continued to study our options for improving flow and relieving congestion for southbound traffic.

We are applying for a grant from the Ohio Kentucky Indiana Regional Council of Governments for this project.

If funding is approved, this project would schedule to bid in 2024.

The project is programmed in the current 2020-2024 CIP. If approved, OKI would be funding approximately 80% of the project's construction, right of way, and utility costs. Engineering and environmental costs will be 100% local funding. The estimated total cost of construction for this project is approximately \$3,100,000.00. Engineering and environmental costs are estimated at \$400,000.00. Right of way and utility costs are estimated at an additional \$250,000.00.

The City will investigate applying for Ohio Public Works Commission (OPWC) funding to

supplement the 20% match on the federal construction funding.

It is our intent with this project to include sidewalk along the west side of South Gilmore Road from Mack Road to Resor Road and additionally from Resor Road north to Planet Drive. The inclusion of this sidewalk is supported by the City's development of Fairfield Connects, the City's active transportation plan currently in development.

**Financial Impact:**

No immediate financial impact.

**Emergency Provision Explanation:**

The final applications are soon to be considered by OKI, therefore a suspension of the rules and emergency provisions are being requested.

**Rule Suspension Requested:**

Yes

**Emergency Provision Needed:**

Yes

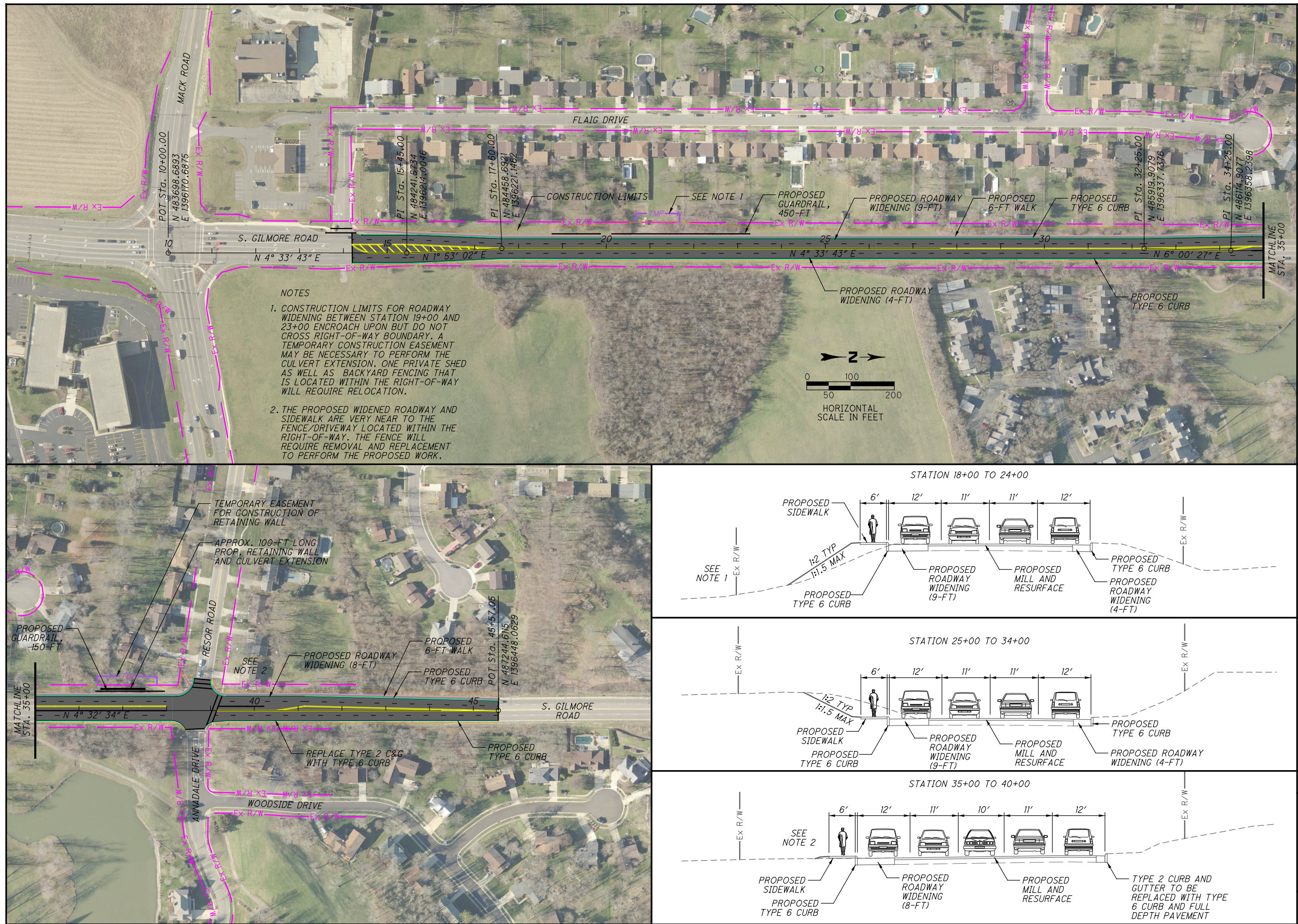
**Attachments:**

1. S. Gilmore Road Widening Exhibit 11x17
2. OKI-South Gilmore Road-Ord



**SOUTH GILMORE ROAD  
PROPOSED WIDENING EXHIBIT**

**SOUTH GILMORE ROAD WIDENING  
CITY OF FAIRFIELD**





ORDINANCE NO. \_\_\_\_\_

ORDINANCE TO AUTHORIZE THE CITY MANAGER TO EXECUTE AND FILE THE APPLICATION FOR FINANCIAL ASSISTANCE AND ENTER INTO AN AGREEMENT WITH OHIO KENTUCKY INDIANA REGIONAL COUNCIL OF GOVERNMENTS (OKI) FOR SOUTH GILMORE ROAD IMPROVEMENTS BETWEEN MACK ROAD AND RESOR ROAD AND DECLARING AN EMERGENCY.

BE IT ORDAINED by the Council of the City of Fairfield, Ohio, that:

Section 1. The City Manager is hereby authorized to execute and file the application for financial assistance and enter into an agreement with Ohio Kentucky Indiana Regional Council of Governments (OKI) for South Gilmore Road Improvements between Mack Road and Resor Road in accordance with the application and agreement on file in the office of the City Manager.

Section 2. This Ordinance is hereby declared to be an emergency measure necessary for the urgent benefit and protection of the City and its inhabitants for the reason that OKI will be considering final applications soon; wherefore, this ordinance shall take effect immediately upon its passage.

|                |       |                  |       |
|----------------|-------|------------------|-------|
| Passed         | _____ | _____            | _____ |
|                |       | Mayor's Approval |       |
| Posted         | _____ |                  |       |
| First Reading  | _____ | Rules Suspended  | _____ |
| Second Reading | _____ | Emergency        | _____ |
| Third Reading  | _____ |                  |       |

ATTEST:

\_\_\_\_\_  
Clerk of Council

This is to certify that this Ordinance has been duly published by posting and summary publication as provided by Charter.

\_\_\_\_\_  
Clerk of Council

Active Clients\City of Fairfield\Ordinances\2020\OKI-South Gilmore-Ord

Attachment: OKI-South Gilmore Road-Ord (1499 : Surface Transportation Program Application for South Gilmore Road between Mack and



## City Council Ordinance Regular Meeting - May 11, 2020

Submitted by: Ben Mann,  
Submitting Department: Public Works

### **Subject:**

Transportation Alternative Funding Application for the Great Miami River Trail

### **Legislation Title:**

Ordinance to authorize the City Manager to execute and file the application for financial assistance and enter into an agreement for a grant with Ohio Kentucky Indiana Regional Council of Governments (OKI) for Phase 1 of the Fairfield Extension of the Great Miami River Trail (GMRT) and declaring an emergency.

### **Recommendation:**

It is recommended that City Council authorize the preparation of legislation, with rules suspension and emergency provision, authorizing the City Manager to execute and file the application for financial assistance, and enter into an agreement for a grant to fund a portion of this proposed segment of the Great Miami River Trail within the City of Fairfield.

### **Background/Synopsis:**

It is necessary for City Council to authorize the City Manager to execute an OKI grant application for financial assistance.

The City of Fairfield desires to add a network component for the Great Miami River Trail (GMRT) which currently ends at Waterworks Park in Fairfield. The section being considered for Phase 1 is nearly 1.1 miles. This phase would allow the path to be accessed directly by a considerable portion of the City's residential population without driving, connect the trail through Marsh Park to the new Dog Park/Trailhead, and allow for future expansion into Hamilton County.

A master plan for Marsh Park was completed by Kleingers and Associates for the City in 2016. The master plan included multi-use trail plans connecting Marsh Park to the Great Miami River Trail network.

We are applying for a grant from the Ohio Kentucky Indiana Regional Council of Governments for this project.

If funding is approved, this project would schedule to bid in 2024.

The project is programmed in the current 2020-2024 CIP. If approved, OKI would be funding approximately 64% of the project's construction (\$700,000). The estimated total cost of construction for this project is approximately \$1,100,000.00. The engineering for this project will be 100% local funding and is estimated at \$150,000.

This trail extension is supported by the City's development of Fairfield Connects, the City's active transportation plan currently in development.

**Financial Impact:**

No immediate financial impact.

**Emergency Provision Explanation:**

The final applications are soon to be considered by OKI, therefore a suspension of the rules and emergency provisions are being requested.

**Rule Suspension Requested:**

Yes

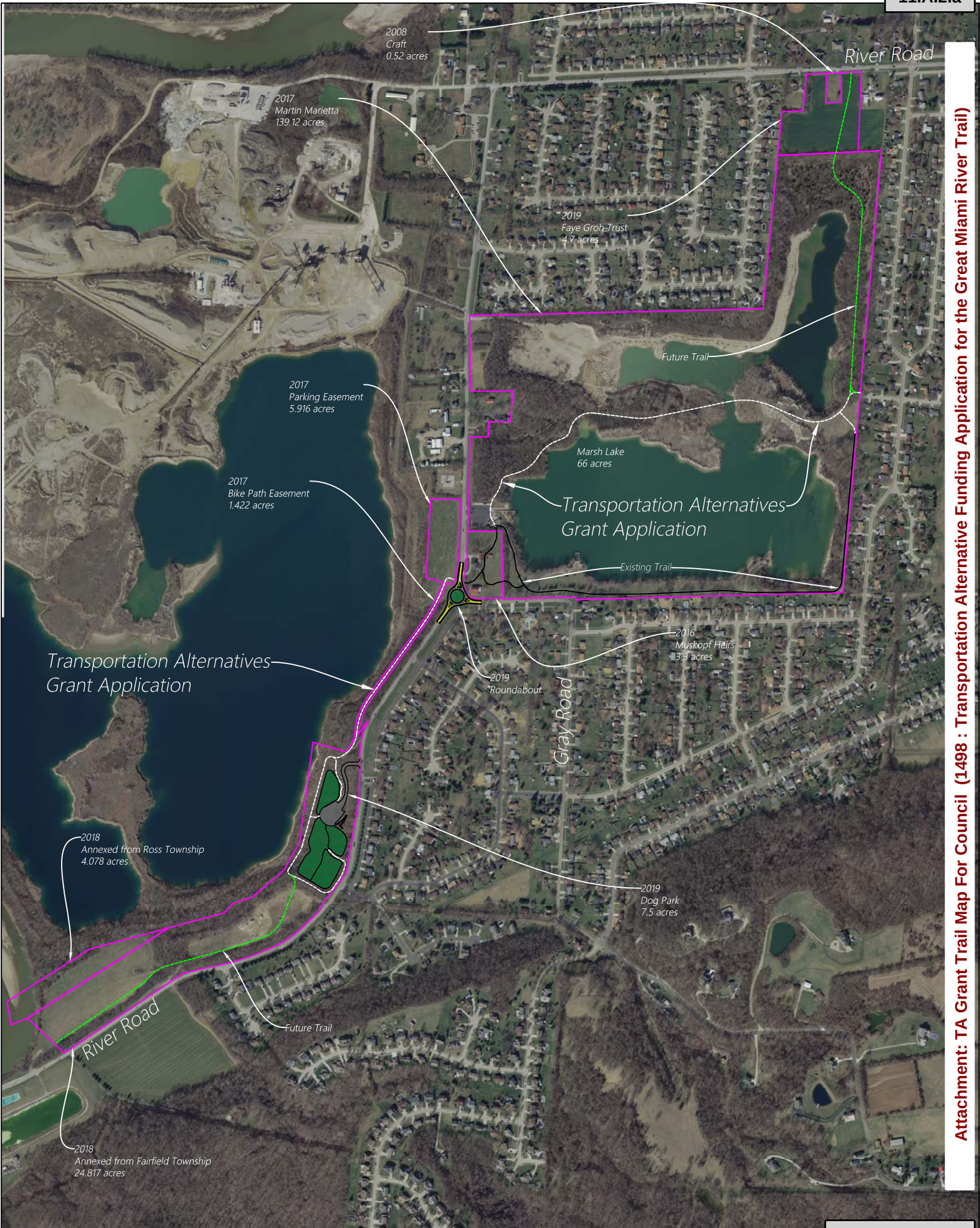
**Emergency Provision Needed:**

Yes

**Attachments:**

1. TA Grant Trail Map For Council
2. OKI-Phase 1-Ord







ORDINANCE NO. \_\_\_\_\_

ORDINANCE TO AUTHORIZE THE CITY MANAGER TO EXECUTE AND FILE THE APPLICATION FOR FINANCIAL ASSISTANCE AND ENTER INTO AN AGREEMENT WITH OHIO KENTUCKY INDIANA REGIONAL COUNCIL OF GOVERNMENTS (OKI) FOR PHASE 1 OF THE FAIRFIELD EXTENSION OF THE GREAT MIAMI RIVER TRAIL (GMRT) AND DECLARING AN EMERGENCY.

BE IT ORDAINED by the Council of the City of Fairfield, Ohio, that:

Section 1. The City Manager is hereby authorized to execute and file the application for financial assistance and enter into an agreement with Ohio Kentucky Indiana Regional Council of Governments (OKI) for Phase 1 of the Fairfield Extension of the Great Miami River Trail (GMRT) in accordance with the application and agreement on file in the office of the City Manager.

Section 2. This Ordinance is hereby declared to be an emergency measure necessary for the urgent benefit and protection of the City and its inhabitants for the reason that OKI will be considering final applications soon; wherefore, this ordinance shall take effect immediately upon its passage.

|                |       |                       |
|----------------|-------|-----------------------|
| Passed         | _____ | _____                 |
|                |       | Mayor's Approval      |
| Posted         | _____ |                       |
| First Reading  | _____ | Rules Suspended _____ |
| Second Reading | _____ | Emergency _____       |
| Third Reading  | _____ |                       |

ATTEST:

\_\_\_\_\_  
Clerk of Council

This is to certify that this Ordinance has been duly published by posting and summary publication as provided by Charter.

\_\_\_\_\_  
Clerk of Council

Active Clients\City of Fairfield\Ordinances\2020\OKI-Phase 1-Ord

Attachment: OKI-Phase 1-Ord (1498 : Transportation Alternative Funding Application for the Great Miami River Trail)



## City Council Ordinance Regular Meeting - May 11, 2020

Submitted by: Adam Sackenheim,  
Submitting Department: Public Utilities

### **Subject:**

Contract with Aquionics Inc. for Ultraviolet Disinfection System upgrades at WWTP

### **Legislation Title:**

Ordinance to authorize the City Manager to enter into a contract with Aquionics Inc. for upgrades to the Ultraviolet Light Disinfection System at the City's Wastewater Treatment Plant and declaring an emergency.

### **Recommendation:**

It is recommended that City Council authorize the City Manager to enter into a contract with Aquionics Inc., Charlotte, NC, and appropriate project funding in the amount of \$250,000.00 for the Ultraviolet Light Disinfection System upgrade project at the City's Wastewater Treatment Plant. Rules suspension is requested in order to expedite the project.

### **Background/Synopsis:**

This project includes the removal of outdated treatment plant equipment and the installation of new controls, power equipment, lamp assemblies, and instrumentation related to the Ultraviolet Light (UV) Disinfection system at the City's Wastewater Treatment Plant.

The City utilizes UV light in its wastewater treatment process to disinfect treated sewage to destroy pathogens, bacteria and viruses. Wastewater is disinfected as the last phase of the treatment process, prior to its discharge into the Lower Great Miami River. Disinfection of wastewater is required by Ohio EPA for six (6) months out of the year – from May through October in conjunction with the river's 'recreational use' season. UV light is an effective disinfection method that is safer than chlorine gas.

The City's existing UV disinfection system – manufactured by Aquionics Inc. – was installed in 2002. While the basic hardware of the system (chambers; piping; valves) is still operable and effective, the controls and electrical components are in need of complete replacement. In order to re-use the existing hardware, the City intends to replace all existing controls and components with Aquionics assemblies. The City desires to maintain consistency with the make and manufacturer of its existing system to ensure compatibility with treatment processes and existing communications and control protocol. A proposal for the upgraded equipment is attached for review, as well as a Sole Source Letter from Aquionics. In an effort to confirm the cost-effectiveness of this approach, the City also solicited quotes for completely new UV systems from two other equipment manufacturers; those quotes are also included here for review.

**Financial Impact:**

A contractual appropriation is requested for Aquionics Inc. in the amount of \$250,000.00 – which includes minor contingency.

Funding for this project is included in the 2020-2024 Capital Improvement Program (CIP), under 0WW18 – ‘UV Lamp Replacement’. Funding source is the Sewer Surplus fund.

**Emergency Provision Explanation:**

Emergency provision is needed to expedite the project in order to maintain adequate wastewater treatment system redundancy and operation – so that the City can continue to treat sewage in compliance with applicable federal and state environmental rules and permit provisions.

**Rule Suspension Requested:**

Yes

**Emergency Provision Needed:**

Yes

**Attachments:**

1. Fairfield OH - UV Upgrade Scope of Supply 18-02-BS 004 Rev E
2. Aquionics sole source letter for UV upgrade
3. JAGS email 04172020 re equipment conditions
4. Trojan UVFit Proposal
5. Wedeco Fairfield OH WWTP LBX 1500e Budget Proposal
6. Aquionics Inc-Ord

berson

hanovia

aquionics

Date: April 16th, 2020

Fairfield, OH WWTP Attn: Mssrs. Jason Hunold & Randy Hassler

Project: Aquionics Ultraviolet Disinfection System Upgrades and Options

Gentlemen,

As we have discussed, Aquionics offers to upgrade each of the InLine 25000 units (Serial 7950 & 7951) at the Fairfield, OH WWTP with new Control / Power Panels using our latest Electronic Lamp Drivers (ELDs) and Power Optimization Software. This upgrade will also include new power, control and sensor cables from the panels to the reactors to replace the existing wiring runs.

We understand that you plan on upgrading the systems "one after another" in the fall of 2020 / Winter 2021 before the 2021 Disinfection permit season starts up, so that you get used to the new technology during the non-disinfection season and complete any SCADA interface issues this coming winter .

We have provided a revised and up to date complete system price for Allen Bradley PLC based controls. We will use the MicroLogix 850 PLC as the standard of our current design with a 10 inch HMI touchscreen option as you requested. Each of those PLCs will communicate via ethernet to your SCADA , so that your integrator can tie in the I/O properly using our tags when doing the work.

Since the current UV units were installed in 2003, they may be on their last legs before the control, power and transmission components fail, so the subsystems in your existing panels will become the weak link nearing the end of their expected service life.

Replacement parts for the electric control/power panels are becoming harder and harder to get from our sub-suppliers, so we may require costly re-engineering to keep the units functioning with modified replacement parts, if that is even possible in the future.

In addition to bringing these units up to current equipment levels, the new control/power panels provide opportunities for energy savings by allowing more efficient control.

- Improvements to the older membrane touchpad controllers will make life easier for operator interface with the user friendly Allen Bradley HMI and use of your effluent flow meter signal to adjust the power to the UV lamps with UV Dose control.
- All new, matching MP UV lamps with an Electronic Lamp Driver (ELD) of variable stepless power design (vs magnetic transformers) will provide a greater lamp power turndown and greater energy savings for plants like yours with variable flow rates.
- The internal refurbishment of the UV Chambers is only available from Aquionics, Inc. which provides factory parts and a full warranty that includes our Validated Dry Sensor technology
- By refurbishing the existing UV Chambers in place, there is no need for any changes to the piping thus providing an additional savings. New wiper systems and drives are included.
- During the next off season, you and your associates should be able to remove the existing cabinets & replace them with our new panels or have an electrical sub do it for you.

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hanovia

aquionics

- As part of this project, you should also check the breaker sizing to be sure that the primary feed is up to current standards. Any other work needed on your power supply side, including Surge + THD suppression, UPS w Battery Back ups, etc, should be evaluated as well by other experts. Please look at your MCC, buses, buckets, breakers as well as power wiring between the MCC + our panels including conduit or other items (that may need to be brought up to current code compliance) while upgrading the UV power and controls.
- All internal service work to rebuild the chambers, as well as guidance or supervision during the connection of our new Control & Power Panels, so they are installed properly as well as operating correctly will be done and managed by an Aquionics Factory Service Technician before arrival and during time on your site, including training on the new software.

Our latest Electronic Lamp Drivers (ELDs) are included in the quoted system. By upgrading the InLine 25000 units to these Electronic Lamp Drivers (ELDs), the lamp output can be varied from 100 to 35% in stepless 1% increments (96 kW to 33.6 kW) compared to the older transformers which operate in discrete steps at either 100%, 80% or 60% power settings only.

For the City of Fairfield which has variable flow, the Electronic Lamp Driver (ELD) option may provide some energy saving by allowing the units to keep pace with UV Dose during the low flow diurnals. Replacing the Control/Power Panels and/or refurbishing the UV chambers, which are approaching the end of their expected service life, will assure continued operation at peak efficiency, thereby helping to avoid operation outside of the plant's permit.

Not only are the new units more efficient due to diurnal flow pacing (energy savings with the ELDs), but the maintenance cost and parts availability will be improved in the longer term by converting to current electrical standards. We expect lamp life to increase to at least 10,000 hours if not longer.

Please feel free to contact our Sales Representative, George Young with JAGS Environmental (formerly Delaney & Associates) at 513-640-6186 or at [george@jagsenv.com](mailto:george@jagsenv.com)

You can also contact me if you should have any questions or require additional information that will help your management team move ahead with the upgrade.

Sincerely,

Bruce P Stevens - Aquionics Inc. Regional Manager Eastern North America

Cell (980) 348-8218

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aquionics

|                      |                                                                                                                                           |                                                                                                                                |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Project Name:</b> | Fairfield, OH - Upgrade Proposal for Two (2) existing Aquionics UV systems                                                                |                                                                                                                                |
| <b>Contact Info:</b> | Bruce Stevens<br>Aquionics Inc.<br><br>P: 980 348-8218<br>E: <a href="mailto:bruce.stevens@aquionics.com">bruce.stevens@aquionics.com</a> | George Young, PE<br>JAGS Environmental<br><br>P: 859 342-4944<br>E: <a href="mailto:george@jagsenv.com">george@jagsenv.com</a> |
| <b>Quote:</b>        | 18-02-BS 004 Rev D                                                                                                                        |                                                                                                                                |
| <b>Date:</b>         | April 16 <sup>th</sup> , 2020                                                                                                             |                                                                                                                                |

### Project Scope of Supply:

The scope of work is intended to upgrade the existing InLine 25000 UV systems (Serial numbers 7950 and 7951) to enhance the functionality of the existing systems while addressing reliability and obsolescence issues with instrumentation and controls.

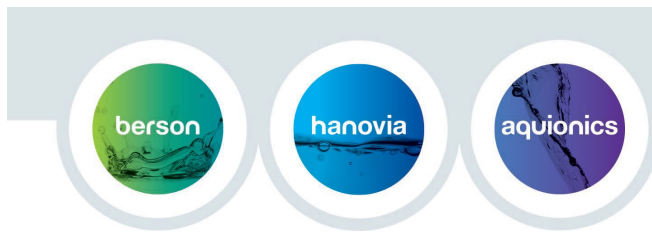
Included in the scope of supply are new control/power cabinets using Electronic Lamp Drivers / Ballasts, new matched MP UV lamps and an Allen Bradley Micro850 PLC with a 10 inch Panelview HMI.

The existing UV disinfection chambers may be rebuilt with new Wipers, Quartz Sleeves and Absolute UV sensors. In addition, the existing UV disinfection chambers rebuild will include all new Wiper Drive Components including bearings, seals & other parts (except for the main reactor chamber).

An Aquionics Service Technician will be on-site for four (4) days on one (1) visit to allow one UV unit to be serviced and then the second unit will be rebuilt in subsequent weeks, either in succession or with a break/skip of 1-2 weeks. The technician or our Project Manager, Jarvis Santiago will provide direction and technical support for your team or the electrical and mechanical contractors performing the equipment removal and replacement.

The technician will do the servicing/rebuilding of the UV disinfection chambers. We will also provide system start-up/commissioning and training after the work is complete.

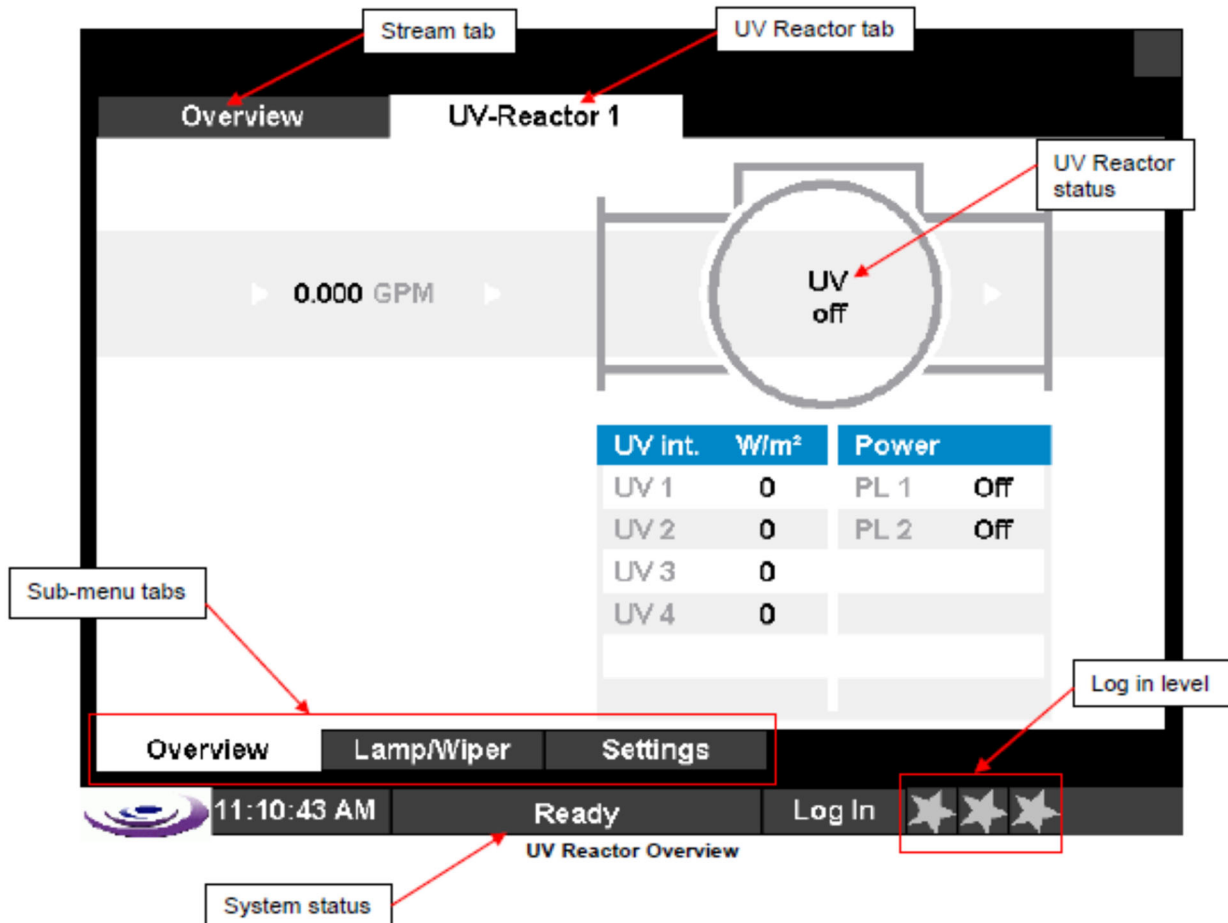




### Allen Bradley HMI

The UV-system is fitted with a PanelView, which allows all settings to be read and the relevant system functions to be operated.

The display is shown in the figure below (detailed descriptions of the screens is given in § 6)



#### 1. Electrical / Control Enclosures

Each disinfection system is supplied with a control and power enclosure in epoxy coated, floor mounted steel cabinets. The cabinets have a mechanical locking mechanism that secures the entire length of the door. In addition to the mechanical lock, an electrical isolation switch that prevents opening the front door when the units are turned on.

The control enclosure will contain an HMI mounted at eye level on the front panel. All information on system status including warnings and alarms will be presented on the operator interface. The power/control enclosure will have the ability to operate the automatic cleaning mechanism.

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## 2. SCOPE OF SUPPLY – Provided by Aquionics

| Item # | Description of Each Reactor Upgrade                                                                                                                                                                                                                                                                                                                                               | Quantity |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1      | Control Cabinets <ul style="list-style-type: none"> <li>Allen Bradley Micro850 PLC with 10 inch Panelview HMI</li> <li>10 inch Display / HMI Touchscreen menu navigation</li> <li>Includes: manual wipe button, various alarms &amp; warnings</li> <li>480/, 60 Hz, 3-ph</li> </ul>                                                                                               | 1        |
| 1      | Power Cabinets <ul style="list-style-type: none"> <li>NEMA 12 Epoxy Coated Steel with 8 New Electronic Lamp Drivers in each separate power cabinet</li> <li>Forced Air Ventilation</li> <li>480/, 60 Hz, 3-ph</li> </ul>                                                                                                                                                          | 2        |
| 2      | Intensity Sensors: <ul style="list-style-type: none"> <li>USEPA Calibrated and certified dry sensor</li> <li>Automatic Sensor Window Cleaning Adjustment, if needed</li> <li>Install new UV Intensity Sensor &amp; sealing dry well hardware</li> </ul>                                                                                                                           | 2        |
| 3      | Rebuild the existing UV Disinfection Chambers <ul style="list-style-type: none"> <li>Install new Wipers</li> <li>Install new Yoke, Acme Screw, Misc Parts &amp; Seals</li> <li>Install new Lamps, Terminals, Quartz Sleeves and O-rings</li> <li>Check all other mechanical and electrical components are in good condition that are warranted for one year or replace</li> </ul> | 1        |
| 4      | New MP Lamps (Matched to above ELDs), Cabling & Wiring <ul style="list-style-type: none"> <li>~ 60 ft. (20 m) sensor, power and control cables/wires</li> <li>Model B 6070 lamp assembly (6 kw ~ 80 cm arc length)</li> </ul>                                                                                                                                                     | Included |
| 5      | One Year Warranty (see attached details)                                                                                                                                                                                                                                                                                                                                          | Included |
| 6      | On-site Service - 1 Trip of 4 days for each reactor includes : <ul style="list-style-type: none"> <li>System Commissioning</li> <li>Functional Testing</li> <li>Training</li> </ul>                                                                                                                                                                                               | Included |
| 7      | Freight to jobsite incl. packaging of components supplied by Aquionics                                                                                                                                                                                                                                                                                                            | Included |

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### Basic Spare Parts Priced Separately

|                       |               |
|-----------------------|---------------|
| UV Lamps              | 16 @ \$645.00 |
| Quartz Sleeves        | 16 @ \$100.00 |
| Quartz Sleeve O-rings | 32 @ \$5.00   |
| Wiper Rings           | 16 @ \$ 18.00 |

### 3. SCOPE OF SUPPLY – Provided by Contractor or Owner

| Item # | Description                                                                                                                                                                                                                         |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | <ul style="list-style-type: none"> <li>Modification and preparation of civil structures</li> </ul>                                                                                                                                  |
| 2      | <ul style="list-style-type: none"> <li>Concrete work including foundations, bases, below slab piping, floor openings, sumps, basins, grout, trenches and concrete embedment</li> </ul>                                              |
| 3      | <ul style="list-style-type: none"> <li>Labor for removing the existing cabinets and labor for installing the new equipment and instrumentation provided.</li> </ul>                                                                 |
| 4      | <ul style="list-style-type: none"> <li>Pulling new wiring through existing conduit or through new conduit provided by others</li> </ul>                                                                                             |
| 4      | <ul style="list-style-type: none"> <li>Electrical supply of serviceable quality to the UV system to include conduits and/or cable trays if required. Upgrade components as needed for Electronic Power Ratings and Codes</li> </ul> |
| 5      | <ul style="list-style-type: none"> <li>Unloading of all the components supplied by Aquionics including prompt reporting and paperwork noting deficiencies suffered during transport to the site. Pictures required</li> </ul>       |
| 6      | <ul style="list-style-type: none"> <li>Commissioning lab fees or other start-up performance test costs, if required</li> </ul>                                                                                                      |
| 7      | <ul style="list-style-type: none"> <li>Storage of all the components supplied by Aquionics if required; storage to be dry &amp; clean</li> </ul>                                                                                    |
| 8      | <ul style="list-style-type: none"> <li>Ancillary items, ie, inlet/outlet or isolation valves, actuators, flow meters, sample taps, etc</li> </ul>                                                                                   |
| 9      | <ul style="list-style-type: none"> <li>Flow signal (4-20 mA) from flow meter to each UV cabinet to allow for dose pacing, if applicable</li> </ul>                                                                                  |
| 10     | <ul style="list-style-type: none"> <li>Connections to SCADA including wiring for control circuits, Ethernet cables, twisted pairs + shielded cables for signals, alarms + data flow in separate conduit from power</li> </ul>       |

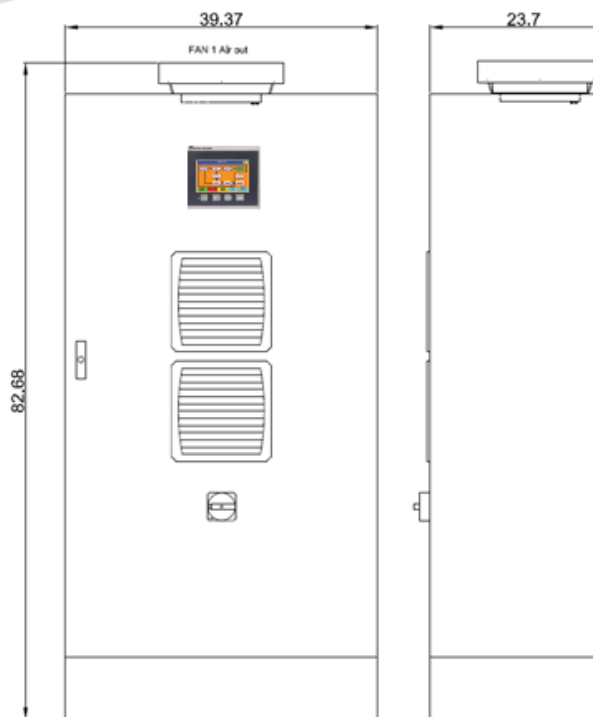
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## Electronic Ballast Option

- These will increase the total connected load but also provide a turndown to 35% of the that load (in 1% increments)
- vs the 60 - 80 - 100% three step up that older magnetic ballasts with capacitor start were limited to
- Continuously variant operation range from 100 to 35%
- All electronic ballast system require a matched lamp for use
  - B2020 = B2520E+
  - B2035 = B4035E+ (output limited to 2 kW)
  - B3535 = B4035E+
  - B5050 = B6050E+



Control Panel ( not exact details )

## Intensity Sensor + Reactor Rebuild Details

Only the highest quality of UV intensity sensors are used in the Aquionics UV systems. All sensors conform to rigorous + stringent NWRI re-use standards as well as German & Austrian drinking water standards (DVGW, O-Norm).

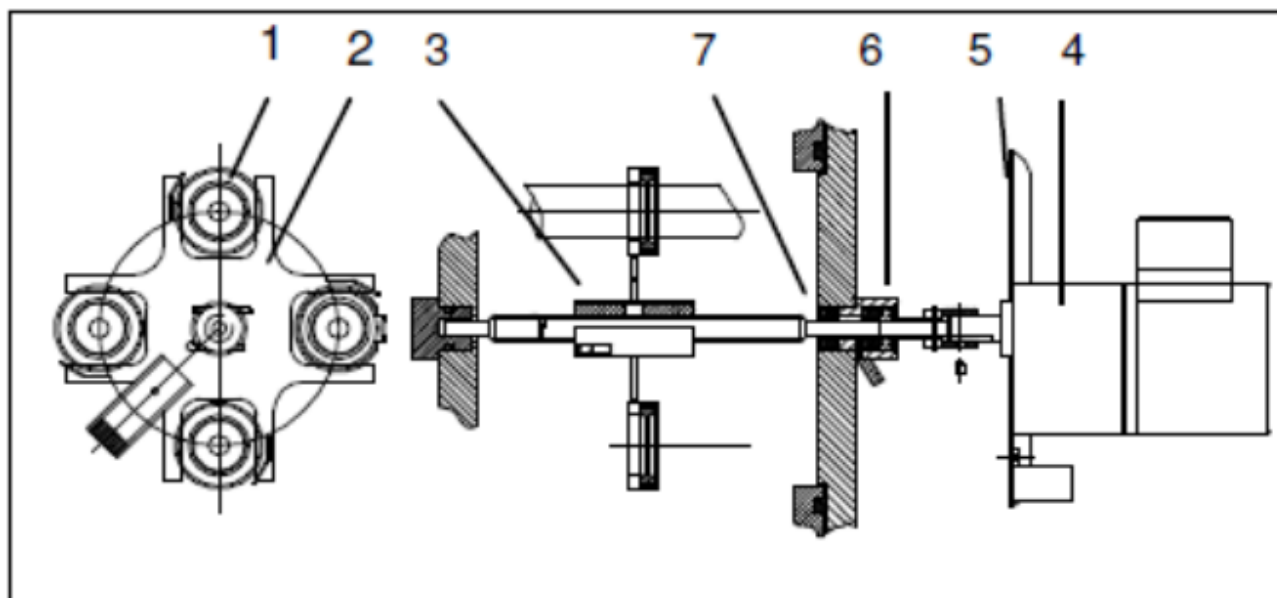
- High Accuracy ( $\pm 5\%$  measurement uncertainty)
- Factory Calibrated, no field calibration required
- Accurate simulation of cell inactivation spectral curve
- Only measures wavelengths between 240nm – 290nm (100% daylight blind)



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**New Wiper Assembly including: motor shaft, seals, yoke and wipers for 2 lamp pods per reactor**

## 5. Price Summary

| ITEM NO.      | QTY | DESCRIPTION                                                                 | PRICE         |
|---------------|-----|-----------------------------------------------------------------------------|---------------|
| 1,2,3,4,5,6,7 | 2   | Upgrade InLine+ 25000 Reactors as defined above in detailed scope of supply | \$ 231,240.00 |
|               | 2   | Substitute 10 inch Panelview HMI for 7 inch                                 | included      |
|               | 2   | 2 Lamp Pod Wiper Assembly Rebuilds per reactor                              | included      |
| Optional      | 1   | Adder for 16 spare lamps, 16 sleeves, 32 o-rings + 16 wipers                | \$ 12,368.00  |



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## 6. Commercial Terms:

1. Freight (CPT – Carriage paid to) to jobsite is included in amount.
2. Offloading and arrangement of the equipment is not included.
3. Price quoted is firm and valid until for 60 days
4. Price is based upon the following payment terms (net 30 days):
  - a. 90% - upon shipment of equipment to jobsite
  - b. 10% - commissioning and final system acceptance
5. Submittals are available within 1-3 weeks after acceptance of purchase order.
6. Equipment delivery is within 14 weeks after approved submittals.
7. Delivery times are based upon an approval period of four (4) weeks, which approval shall not be unreasonably withheld.
8. Aquionics does not provide for any process utility requirements including electrical power.
9. This pricing and scope is based upon Aquionics General Terms of Business.
10. No Local, State or County Taxes or Fees of any kind have been included in this proposal.



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## Lamp Warranty

We manufacture and procure the most advanced and reliable medium pressure and amalgam UV lamps currently available for commercial use. They are developed from unique research programs, using the finest materials available. Occasionally a small number of these lamps can fail prematurely. We operate a fully traceable manufacturing process, and so it is important that we are informed of lamp failures. You will be asked a number of questions to help us determine why the lamp failed. Your statutory rights are not affected by this document.

Any claim on this warranty will require the return of the lamp to Aquionics for inspection and approval, according to the general conditions listed below. You must include the UV vessel model, UV vessel serial number and lamp serial number, lamp position, lamp installation date, failure date, and hours of operation from the system's hour counter, lamp runtime hours and number of lamp starts.

The warranty we offer is as follows:

### Medium Pressure Lamps (InLine Systems)

- **Continuous Operation (24 hours per day)**

Lamps installed in the system are guaranteed to operate for a minimum of 2,000 hours. Replacements will be prorated on the following basis pending the lamp and ballast type:

#### Electronic Ballast/Lamp Systems

0-2000 hours no charge

2001-5000 hours 25% cost of replacement

5001-7000 hours 50% cost of replacement

7001-10,000 hours 75% cost of replacement

#### **Intermittent Operation (1-6 lamp starts per 24 hours of operation)**

Lamps installed in the system are guaranteed to operate for a minimum of 1,000 hours. Lamp operations will be guaranteed against failure under the following conditions:

#### **1-6 lamp starts per 24 hours of operation will be prorated on the following basis:**

0-1000 hours no charge

1001-2000 25% cost of replacement

2001-3000 50% cost of replacement

3001-4000 75% cost of replacement

Note:

1. More than 6 lamp starts per 24 hours of operation, no warranty is offered.
2. Failure to provide requested data in paragraph 2 will invalidate warranty claim
3. Lamps beyond 4 years age, determined by manufacture date, no warranty is offered

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### **UV System Standard Warranty**

Aquionics warrants the UV equipment for 18 months from date of dispatch or 1 year from date of UV commissioning, whichever occurs first. The products are warranted against defects in material and workmanship. They will perform in accordance with the specification of this offer, assuming proper installation, care and handling according to operations manual. Any defective component/part will be replaced at no cost subject to the limitations elsewhere in this document. The total liability of Aquionics Inc. is limited to the cost of materials supplied. The provision of labor is not warranted.

Consumables such as lamps and wiper rings etc. are excluded as they have their own warranty. This warranty is subject to the following conditions:

- The equipment is operated and maintained in accordance with the O and M Manual
- All consumables and spare parts used must be genuine Aquionics parts
- All service and repair work is done by Aquionics Service Technicians or an Aquionics authorized agent. Normal Wear, Tear, Erosion and Corrosion are excluded from the warranty.

### **5 Year General Warranty**

Aquionics offers a free extended warranty of 5 years from commissioning or 6 years from date of shipment, whichever is sooner, provided that (i) the warranty registration form has been fully completed and returned to Aquionics within four weeks of commissioning, (ii) the customer has entered into a service and maintenance agreement with Aquionics or a Aquionics approved service provider and can provide documentation of at least one service visit per year, and (iii) the system has been operated and maintained according to the service requirements set out in the Aquionics system manual, including replacement of consumable items at the correct interval with genuine Aquionics replacements.

### **Warranty Exemptions**

Exemptions from the warranty are breakage in transit, physical damage, connection breakage, connection to an incorrect power supply, or the use within the system of any non-OEM parts. Additional exemptions are lamp failure due to overheating caused by, lack of water, or minimal flow rates while system is operating. System must be operating according to Aquionics' Installation and Operating Instructions. Installation of the lamp to commence within 2 years of manufacturing as indicated by the lamp serial number. Warranty cannot be claimed on lamps more than 4 years after manufacturing as indicated by the lamp serial number.

*All copies or versions of lamp & equipment warranty that are preceded by this document are void and replaced by this current version*



April 20th, 2020

City of Fairfield, OH

Department of Public Utilities

Attn: Jason Hunold

Subject: Sole Source Verification

4215 Stuart Andrew Blvd, Suite E  
Charlotte, NC 28217 USA  
PH: 980-256-5700  
Toll-free: 800.925.0440  
[www.aquionics.com](http://www.aquionics.com)

Dear Mr. Hunold,

This letter is to certify that Aquionics is the only supplier of Hanovia, Aquionics or Berson UV system parts in the State of Ohio. These systems includes patented and proprietary subassemblies, circuit boards, power control + filter systems, accessories and control software.

Aquionics is the only authorized service / training provider, parts supplier and distributor of new Berson, Aquionics and Hanovia UV systems in North and South America.

Please also take note that the use of any unauthorized parts or unauthorized third party service labor will void all system and performance warranties – implied or otherwise. Aquionics is a wholly owned subsidiary of the same corporate parent, HALMA, PLC, which also owns Hanovia and Berson, our UK and NL based sister divisions, who manufacture your equipment for us.

Any and all unauthorized modifications to our systems, especially those validated by US EPA, NWRI or DVGM to performance standards after third party certifications, may also jeopardize the certification or use of your system for disinfection ratings covered by your state or EPA permits.

Aquionics will be providing parts and service directly to City of Fairfield for the Inline 25000 UV systems for the 2020 Fiscal Year upon acceptance of the proposals offered separately for goods and/or field service as well as training of plant staff. While the total value of the upgrade we have offered is \$231,240.00, we can assure you that an entirely new UV system of equal quality from us or an other entity would cost at least 50% more >>> \$350,000.00 or even higher.

We are also represented in SouthWestern Ohio & Kentucky by JAGS Environmental, with offices in Erlanger. JAGS Environmental is the only locally authorized entity offering assistance with your Aquionics equipment.

They are the only authorized entity that works with Aquionics and it's clients to enable the procurement of these proprietary items in the region.

Please don't hesitate to contact me if you have any more concerns or questions, or if I can be of further assistance.

Respectfully,

**Bruce P Stevens**

Eastern Regional Manager – Municipal

Direct: 980-348-8218

Email: [bruce.stevens@aquionics.com](mailto:bruce.stevens@aquionics.com)

**From:** [George Young](#)  
**To:** [Jason Hunold](#); [Randy Hassler](#)  
**Cc:** [Adam Sackenheim](#)  
**Subject:** FW: Fairfield, OH - UV Upgrade and recent news  
**Date:** Thursday, April 16, 2020 4:19:12 PM  
**Attachments:** [image004.png](#)  
[image005.png](#)  
[image006.png](#)  
[image007.png](#)  
[image009.png](#)  
[Fairfield OH - UV Upgrade Scope of Supply 18-02-BS 004 Rev E.pdf](#)

---

Hi Jason,  
 See below and attached.  
 Thanks,  
 Geo

George E. Young, P.E., MBA  
 JAGS Environmental, Inc.  
 (Formerly Delaney & Associates, Inc.)  
 31 Erlanger Road  
 Erlanger, KY 41018  
 Office: (859) 342-4944  
 Mobile: (859) 640-6186  
 Email: [george@jagsenv.com](mailto:george@jagsenv.com)

---

**From:** Bruce Stevens <[bruce.stevens@aquionics.com](mailto:bruce.stevens@aquionics.com)>  
**Sent:** Thursday, April 16, 2020 4:04 PM  
**To:** George Young <[george@jagsenv.com](mailto:george@jagsenv.com)>  
**Subject:** RE: Fairfield, OH - UV Upgrade and recent news

See my notes in red next to the ???

Thanks & Regards, BPS

Bruce P Stevens – Regional Manager - Eastern North America  
 Cell # (980) 348 - 8218                      Office (980) 256 - 2020



Municipal, Industrial & Aquatic <sup>uv</sup> systems for a cleaner world !

We are committed to protecting your privacy, our data and privacy policies can be found on our website: <https://www.weuvcare.com/privacy-policy/>

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**From:** George Young <[george@jagsenv.com](mailto:george@jagsenv.com)>  
**Sent:** Thursday, April 16, 2020 3:49 PM  
**To:** Bruce Stevens <[bruce.stevens@aquionics.com](mailto:bruce.stevens@aquionics.com)>

Attachment: JAGS email 04172020 re equipment conditions (1497 : Contract with Aquionics Inc. for Ultraviolet Disinfection System upgrades at

**Subject:** FW: Fairfield, OH - UV Upgrade and recent news

Hi Bruce,  
Please see below.  
Geo

George E. Young, P.E., MBA  
JAGS Environmental, Inc.  
(Formerly Delaney & Associates, Inc.)  
31 Erlanger Road  
Erlanger, KY 41018  
Office: (859) 342-4944  
Mobile: (859) 640-6186  
Email: [george@jagsenv.com](mailto:george@jagsenv.com)

---

**From:** Jason Hunold <[JHunold@fairfield-city.org](mailto:JHunold@fairfield-city.org)>  
**Sent:** Thursday, April 16, 2020 8:24 AM  
**To:** George Young <[george@jagsenv.com](mailto:george@jagsenv.com)>; Randy Hassler <[rhassler@fairfield-city.org](mailto:rhassler@fairfield-city.org)>  
**Cc:** Adam Sackenheim <[ASackenheim@fairfield-city.org](mailto:ASackenheim@fairfield-city.org)>  
**Subject:** RE: Fairfield, OH - UV Upgrade and recent news

Hey George,

We have reviewed the proposal and have the following questions/comments.

- Randy has reviewed electric requirements, breaker sizing etc. Everything is up to code. **Great**
- Were you able to find out if Aquionics will be providing us with the system programs (HIM/PLC)? We can secure a backup PLC and HMI locally and would like to have the program.  
**We will send a NDA for signature w submittals . After sign off, we will release the original software**
- Please verify one control cabinet will operate both chambers. Currently we have two control cabinets, one for each chamber.  
**There are 2 power panels and 1 control panel for each reactor .... Quantity is shown in the scope as description for each reactor**
- Please verify both chambers will be completely rebuilt. The proposal quantity is 1. **Should be 2, I will fix it and re-send it with sole source letter**
- Please provide standard contract language for review by our Legal Department. **Will do .... We usually accept their Purchase Order and it's T&C or ask them to accept our T+C with the proposal language on direct purchases.**
- Please provide a Sole Source Procurement statement. **Will get that done shortly**

We'd like to get moving on this and have it approved by City Council next month. If you have any questions, please let me know.

Thanks,

**Jason Hunold***Treatment Superintendent*

City of Fairfield, Ohio

Department of Public Utilities

5021 Groh Lane

**513-858-8348**

<https://www.fairfield-city.org/314/Wastewater>



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PROPOSAL Fairfield, OH  
QUOTE: MW-218430  
Nov 13, 2018



Attachment: Trojan UVFit Proposal (1497 : Contract with Aquionics Inc. for Ultraviolet Disinfection System upgrades at WWTP)

With over 300 installed reactors, the TrojanUVFit™ is proven as a validated, cost-effective disinfection solution in municipal wastewater plants around the world.



November 13, 2018

THE HENRY P. THOMPSON COMPANY  
101 Main Street  
Milford, OH  
45150  
United States

Attention: Tim Shaw  
Reference: Fairfield , OH  
Quote Number: MW-218430

We are pleased to provide the following TrojanUVFit™ proposal for the **Fairfield** project. The TrojanUVFit™ is a cost-effective validated solution for wastewater reuse and high level disinfection applications. Ideal for piped systems, the TrojanUVFit™ system delivers chemical-free disinfection in a pressurized reactor; ideal for media/membrane filtered effluent.

The UV system uses low-pressure high intensity amalgam lamps to provide an energy-efficient solution. The compact reactor design minimizes footprint and headloss while ensuring that maintenance activities such as lamp replacement can be performed quickly and safely. The TrojanUVFit™ reactor has undergone stringent bioassay validation in accordance with industry protocols published by the National Water Research Institute (NWRI 2012) enabling Trojan to fully guarantee disinfection performance.

Lastly, and perhaps most importantly, each of Trojan's municipal installations are supported by a global network of certified Service Representatives to provide rapid local service and technical support.

Please call us if you have any questions regarding this proposal or the TrojanUVFit™ solution. Thank you for the opportunity to quote this technology and we look forward to working with you on this project.

With best regards,

*Fiona Crawford*

Fiona Crawford  
(519) 457 – 3400 ext. 2194  
fcrawford@trojanuv.com

Fairfield  
Nov 13, 2018

MW-218430

## DESIGN CRITERIA

|                          |                                                                                                                     |
|--------------------------|---------------------------------------------------------------------------------------------------------------------|
| Peak Design Flow:        | <b>15 MGD</b>                                                                                                       |
| UV Transmittance:        | <b>65%</b> (minimum)                                                                                                |
| Total Suspended Solids:  | <b>10 mg/l</b> (maximum grab sample)                                                                                |
| Disinfection Limit:      | <b>126 E.coli per 100 ml</b> (30 day Geometric Mean of daily grab samples)                                          |
| Design UV Dose:          | <b>30 mJ/cm<sup>2</sup></b> (proven by independent bioassay validation)                                             |
| Validation Requirements: | Bioassay Validation – NWRI/AwwaRF UV Guidelines (2003)<br>0.98 Lamp aging factor – NWRI/AwwaRF UV Guidelines (2003) |

## DESIGN SUMMARY

| UV REACTOR                               |                                                           |
|------------------------------------------|-----------------------------------------------------------|
| Reactor Model                            | <b>TrojanUVFit™ - 72AL75</b>                              |
| Number of SS316L Reactors                | <b>3</b>                                                  |
| Number of Lamps per Reactor Chamber      | <b>72</b>                                                 |
| Total Headloss at Peak Design Flow       | <b>13.3 in</b>                                            |
| Sleeve Wiping                            | <b>Automatic Mechanical</b>                               |
| CONTROL AND POWER PANELS                 |                                                           |
| Power Distribution Center (PDC) Quantity | <b>3 (1 per reactor)</b>                                  |
| PDC Enclosure Rating                     | <b>Mild Painted Steel (Type 12)</b>                       |
| System Control Center (SCC) Quantity     | <b>1</b>                                                  |
| SCC Enclosure Rating                     | <b>Mild Painted Steel (Type 12)</b>                       |
| EQUIPMENT LAYOUT & DIMENSIONS            |                                                           |
| Reactor Flange Size                      | <b>20 in ANSI 150 lb</b>                                  |
| Approximate Reactor Length (+ clearance) | <b>89 in. + 66 in clearance at reactor endcap</b>         |
| PDC Dimensions (WxHxD)                   | <b>48 in. x 86 in. x 24 in.</b>                           |
| Cable Length Between PDC and Reactor     | <b>15 ft – other options available</b>                    |
| SCC Dimensions (WxHxD)                   | <b>40 in. x 78 in. x 18 in.</b>                           |
| ELECTRICAL REQUIREMENTS                  |                                                           |
| Each Power Distribution Center           | One (1) 480Y/277 V, 3-phase, 4-wire + ground, 60Hz 18 kVA |
| System Control Center                    | One (1) 120 V, 1-phase, 2-wire + ground, 60Hz 1.2 kVA     |



## COMMERCIAL INFORMATION

|                                            |
|--------------------------------------------|
| <b>Total Capital Cost: \$679 360 (USD)</b> |
|--------------------------------------------|

**Notes:**

This price excludes any taxes that may be applicable and is valid for 90 days from the date of this letter.  
 Electrical disconnects required per local code are not included in this proposal.  
 Standard Spare parts and safety equipment are included.

## EQUIPMENT WARRANTIES

1. Trojan Technologies warrants all components of the system (excluding UV lamps) against faulty workmanship and materials for a period of 12 months from date of start-up or 18 months after shipment, whichever comes first.
2. UV lamps purchased are warranted for 12,000 hours of operation or 3 years from shipment, whichever comes first. The warranty is pro-rated after 9,000 hours of operation. This means that if a lamp fails prior to 9,000 hours of use, a new lamp is provided at no charge.
3. Electronic ballasts are warranted for 5 years, pro-rated after 1 year.



# Budget Proposal

## Fairfield, OH WWTP



prepared for:

City of Fairfield WWTP  
Jason Hunold

November 16, 2018



**Xylem Water Solutions USA, Inc.**  
14125 South Bridge Circle  
Charlotte, NC  
28273

November 16, 2018

City of Fairfield WWTP  
Jason Hunold

**Project Name:** Fairfield, OH WWTP  
**Project Number:** J18110424548  
**Revision Number:** 0

Dear Jason Hunold,

We are pleased to submit the following proposal for the Fairfield, OH WWTP UV opportunity based on the information provided within your inquiry.

The LBX series is a closed vessel system specifically designed for water and wastewater applications. We have highlighted below the major benefits of the LBX vessels that can improve the performance of the system and increase the lifespan of the equipment:

- Our system includes our latest low-pressure, high-intensity Ecoray lamps which have a guaranteed life of 14,000 hours and are a more efficient lamp with a lower power consumption requirement. In addition, from a maintenance standpoint, the Ecoray lamps are more robust and easy to remove and replace.
- Latest sensor technology – germicidal UV sensor of reference sensor quality (ÖNORM approved) providing the highest accuracy in UV system monitoring and control.
- Automatic wiping system that prevents fouling of the quartz sleeve with easy replacement of wipers.
- The WEDECO Remote Service Support, a combination of the PLC interface and a telephone modem, allows us to monitor and if necessary to adjust the LBX control unit from remote in the same way as directly on site. Therefore Remote Service Support improves the service quality of the LBX unit due to faster and even more cost effective technical support (e.g. maintenance, software updates or service diagnosis) through WEDECO service technicians.
- WEDECO's established and proven TotalCare Program provides our customers with proactive services all designed to minimize the cost of ownership to operate and maintain a UV system. TotalCare services can provide our customers with system health checks, efficiency audits, training and preventative maintenance contracts.





Please refer to our local representative Dave Wilson of B.L. Anderson, (513) 907-3793 or us if you have any questions. We look forward to working with you on this exciting project.

Sincerely,

A handwritten signature in black ink, appearing to read "Lucinda Jooste".

Lucinda Jooste  
Senior Sales Engineer  
(980) 216-9473

A handwritten signature in black ink, appearing to read "Victoria Bates".

Victoria Bates  
Sales Engineer

## Table of Content

|          |                                                |           |
|----------|------------------------------------------------|-----------|
| <b>1</b> | <b>Xylem Overview .....</b>                    | <b>5</b>  |
| <b>2</b> | <b>General Process Description .....</b>       | <b>7</b>  |
| 2.1      | Design.....                                    | 7         |
| 2.2      | Process Description .....                      | 7         |
| <b>3</b> | <b>Technical Description .....</b>             | <b>8</b>  |
| <b>4</b> | <b>Price &amp; Scope of Supply .....</b>       | <b>9</b>  |
| 4.1      | Wedeco Scope of Supply .....                   | 9         |
| 4.2      | Budget Price .....                             | 9         |
| <b>5</b> | <b>Commercial Terms &amp; Conditions .....</b> | <b>10</b> |
| <b>6</b> | <b>Attachments.....</b>                        | <b>11</b> |
| 6.1      | Brochures / Drawings / others .....            | 11        |

## 1 Xylem Overview

Xylem is a leading global water technology provider, enabling customers to transport, treat, test and efficiently use water in public utility, residential and commercial building services, industrial and agricultural settings. The company does business in more than 150 countries through a number of market-leading product brands, and its people bring broad applications expertise with a strong focus on finding local solutions to the world's most challenging water and wastewater problems.



Xylem's treatment business offers a portfolio of products and systems designed to effectively meet the demands and challenges of treating water and wastewater. From smarter aeration to advanced filtration to chemical-free disinfection, Xylem leverages its well-known Treatment brands, Flygt, Leopold, Sanitaire, and Wedeco, to offer hundreds of solutions backed by a comprehensive, integrated portfolio of services designed to ensure we can meet our customers' needs in a number of different industries including municipal water and wastewater, aquaculture, biogas and agriculture, food and beverages, pharmaceuticals, and mining.

Our scientists and engineers utilize their deep applications expertise and continually listen and learn from our customers' situations to create solutions that not only use less energy and reduce life-cycle costs, but also promote the smarter use of water.



Wedeco has accepted the challenge of the 21st century. With the Wedeco brand for UV Disinfection, ozone oxidation & AOP solutions, we own the advanced technologies for chemical-free and environmentally friendly treatment of drinking water, wastewater and process water as well as further industrial treatment processes. We

constantly invest a large portion of our energy in the development of high-tech components, systems and equipment, as well as in the study of new areas of application for UV, ozone & AOP. In doing so, we have always given special attention to the increase in energy efficiency of our Products equipped with our unique UV lamps and ozone electrodes.



The special characteristics of the Wedeco Ecoray UV lamp are its special doping and the unique long-life coating. Because of these features, a constantly high UV light yield is achieved with a substantially extended lamp service life at the same time. In addition, by using this technology it is not necessary to apply liquid mercury inside the lamp. Wedeco UV lamps cannot be surpassed in economic efficiency.

In relation to expenditure of energy, the High-Intensity/Low-Pressure Technology provides a light yield three times higher than comparable UV lamps of widely used Medium Pressure Technology. A higher light yield also means a lower heat generation at the same time.

Thanks to this, Wedeco UV lamps become less susceptible to varying water temperatures. Even the formation of deposits on the quartz sleeves as well as lamp aging is considerably lower than with alternative UV lamp technologies in Herford and Essen.



**WEDECO Ecoray UV lamp**



Xylem's Wedeco ozone systems combine maximum flexibility and reliable operating characteristics for small to large ozone capacities. The ozone generator system and control unit can be combined and supplemented with option sets that allow for various application requirements.

Effizon evo 2G ozone electrodes are the core of our technology and achieve an unmatched level of reliability and energy efficiency. The electrodes are manufactured completely from inert materials, without the need for fuses or coatings, making them highly resistant to corrosion. This means that the Wedeco ozone generators are practically maintenance free with no need for regular cleaning or replacement of the electrodes.

We rely on consistently high-quality standards in all divisions of the company. Moreover, product quality and manufacturing operations are constantly monitored and optimized in continuous improvement processes. Established quality controls give Xylem and you the security of knowing that Wedeco UV, Ozone & AOP systems will always operate reliably.

For more information please visit us at  
<http://www.xylem.com/treatment/>



**WEDECO Effizon® evo 2G**  
 Ozone electrode

## 2 General Process Description

### 2.1 DESIGN

- Design Flow Rates
  - Peak Design Flow 10 MGD
  - Average Design Flow 5 MGD
  - Minimum Design Flow 7.5 MGD
- Total Suspended Solids (Maximum) 30 (4-6 average) mg/L
- Allowable Effluent Temperature Range 41-86°F
- UV Transmittance at 253.7 nm 65%, minimum
- Maximum Influent E. Coli Count 100,000 E. Coli/100 mL
- Effluent Disinfection Standard
  - E. Coli (30 day geometric mean) 126 E. Coli/100 mL
  - E. Coli (7 day geometric mean) 284 E. Coli/100 mL
- UV Dose
  - Minimum Design UV Dose (based on IUVA/UV DGM (T1) bioassay) 23 mJ/cm<sup>2</sup>
  - Equivalent Design UV Dose (based on IUVA/UV DGM (MS2) bioassay) 29.5 mJ/cm<sup>2</sup>

### 2.2 PROCESS DESCRIPTION

The proposed LBX system has been designed to treat secondary effluent at the permit levels stated above. This design is to include two (2) 1500e LBX vessels designed to each treat 7.5 MGD. Both LBX vessels will be required to operate at maximum flow.

### 3 Technical Description

| CONFIGURATION:                         | LBX 1500e |                      |
|----------------------------------------|-----------|----------------------|
| DESCRIPTION                            | UNITS     | VALUE                |
| Number of 316L SS vessels              |           | 2                    |
| Number of lamps per vessel             |           | 60                   |
| Number of intensity sensors per vessel |           | 1                    |
| Total number of lamps                  |           | 120                  |
| REACTOR DIMENSIONS:                    | Inches    | See attached drawing |
| HEADLOSS PER VESSEL (at peak flow):    | Inches    | 42.0                 |
| POWER CONSUMPTION:                     | kW        |                      |
| Peak Flow (lamp and ballast only)      |           | 42.4                 |
| Average Flow (lamp and ballast only)   |           | 21.2                 |
| Total Connected System Power           |           | 21.5                 |



## 4 Price & Scope of Supply

### 4.1 WEDECO SCOPE OF SUPPLY

- Cylindrical 316L stainless steel reactor with integrated baffle plates
- 60 low pressure, high intensity WEDECO Ecoray® UV lamps per vessel
- One (1) Type 12, Fan-cooled, Painted Steel electrical enclosure per vessel
- Calibrated UV intensity monitoring system (UV sensor ÖNORM certified)
- Electronic UV lamp supervision system
- WEDECO EcoTouch Controller with Touchscreen HMI (one per vessel)
- Dose pacing incl. variable lamp power
- Automatic wiping system (Electric)
- 39 ft (12 m) lamp cables
- Manufacturer's field service on site [1 trip(s) / 3 days]
- Electrical supply: 480 V, 3 phase, 60 Hz, 4 wire + ground

### 4.2 BUDGET PRICE

| LBX Standard Equipment |                  |
|------------------------|------------------|
| <b>Total</b>           | <b>\$285,500</b> |

| Optional Adders                                                    |                                              |
|--------------------------------------------------------------------|----------------------------------------------|
| Type 4X, Air-conditioned, 304 Stainless Steel Electrical Enclosure | Please contact us for additional information |

## 5 Commercial Terms & Conditions

| Commercial Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Submittal time:    | 8 weeks after approved purchase order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Delivery time:     | 18 weeks after approved submittals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Terms of Delivery: | All prices are FCA factory with full freight allowed to the job site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Terms of Payment:  | <p>This proposal is based upon WEDECO's General Terms of Business. Price is based upon the following payment terms (net 30 days):</p> <ul style="list-style-type: none"> <li>• 10% net 30 days upon initial submittal of mechanical/electrical drawings for approval</li> <li>• 80% net 30 days from the date of the respective shipments of the product</li> <li>• 5% installation of the Xylem equipment, NTE 150 days after shipment (whichever comes first)</li> <li>• 5% start-up / training on the Xylem equipment, NTE 180 days after shipment (whichever comes first)</li> </ul> |
| Warranties:        | <p>Lamp Warranty: Guaranteed 14,000 hours of operation, prorated after 9,000 hours.</p> <p>System Warranty: 18 months from date of delivery or 12 months from date of substantial completion of UV equipment whichever comes first.</p>                                                                                                                                                                                                                                                                                                                                                  |



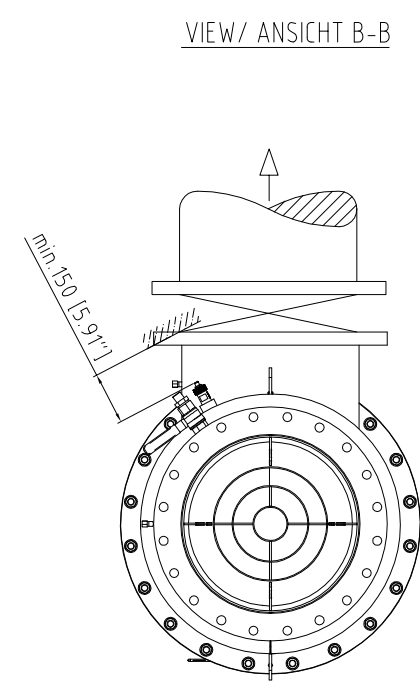
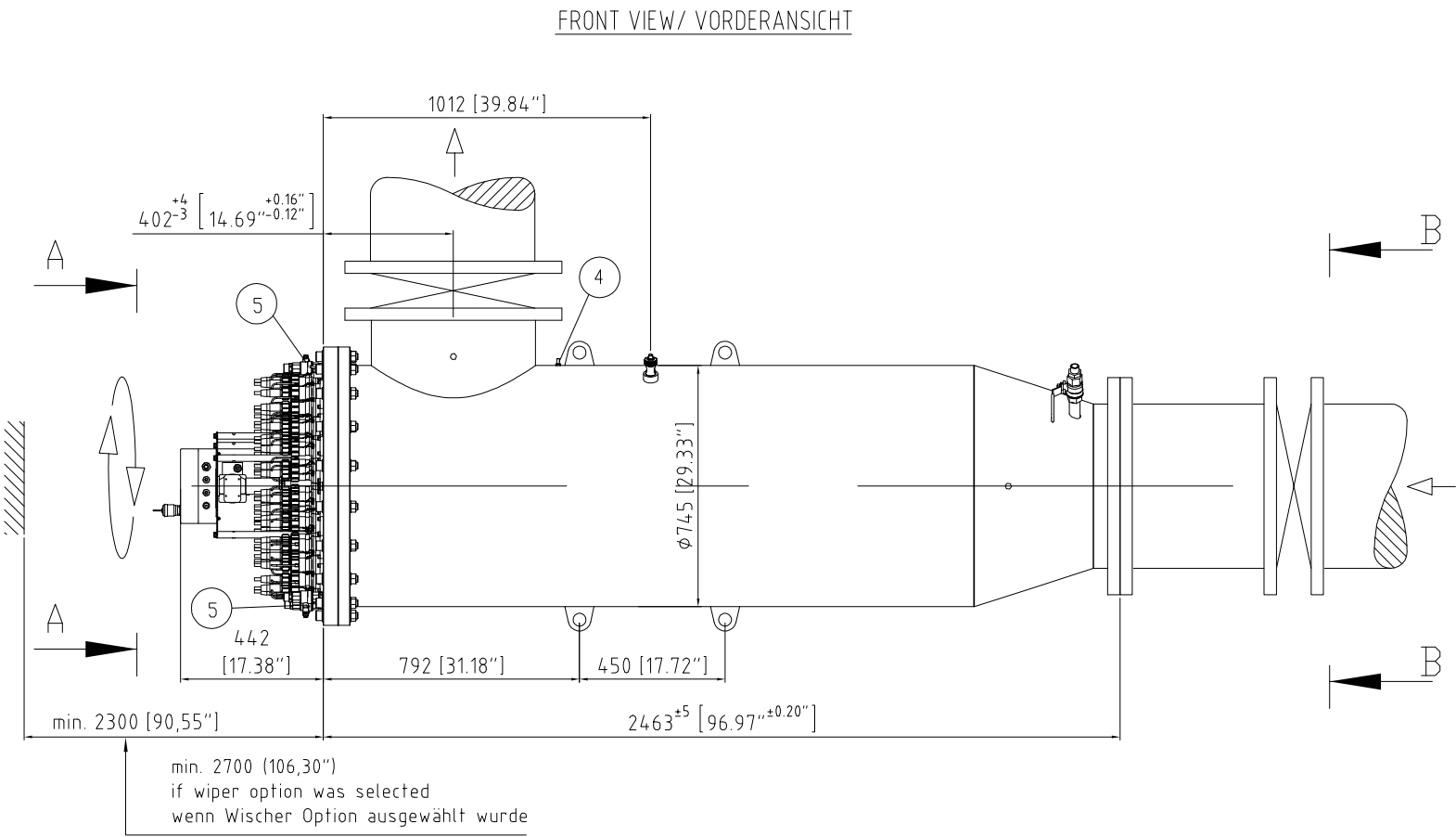
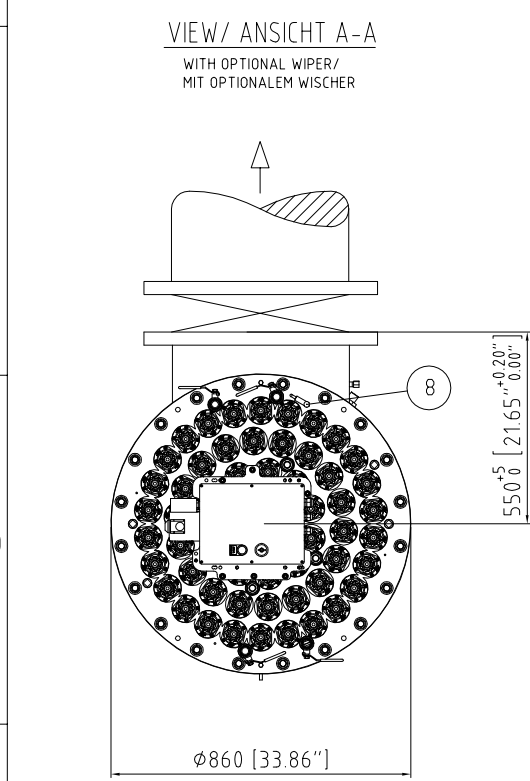
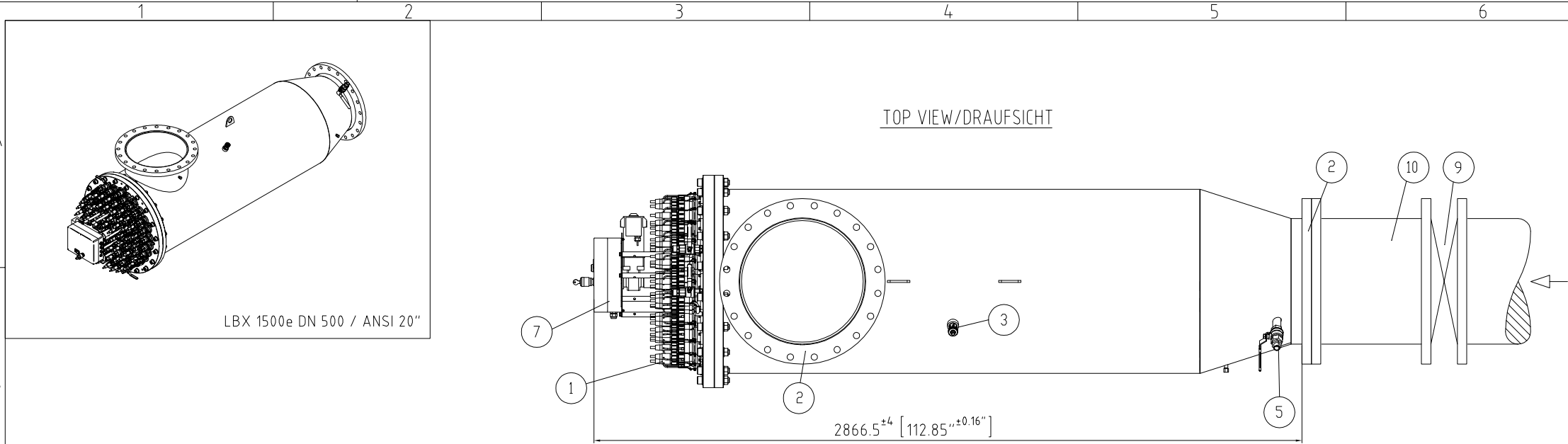
## 6 Attachments

### 6.1 DRAWINGS

- NOTES:**

  1. The dimensions given on this drawing are required to ensure correct installation operation and performance of the WEDECO UV equipment. All Modifications from this drawing must be approved by WEDECO.
  2. Before installation of the UV Equipment all piping must be flushed to prevent objects like sand or stones from damaging components inside the UV vessel.
  3. All flow isolation equipment is supplied by others.
  4. All field wiring and conduits required to connect power and controls to the electrical enclosure and optional wiping unit shall be sized, supplied, and installed by others. All governing Local/state and national electrical codes/regulations apply (for example but not limited to state, local, CE, NEC, cUL )
  5. All equipment shall be located in accordance with all state local, and national electrical codes and per dimensions shown on this drawing.
  6. Protect your eyes and skin against UV light. Extended exposure causes sun burn and eye irritation.
- ANMERKUNGEN:**

  1. Alle Maßangaben dieser Zeichnung sind erforderlich, um eine korrekte Installation, Betrieb und Funktion sicher zu stellen. Alle Änderungen müssen von Wedeco genehmigt werden.
  2. Vor der Installation der UV-Anlage müssen alle Rohrleitungen gespült werden, damit Sand, Steine o.ä. keine Komponenten im UV-Reaktor beschädigen können.
  3. Alle Absperrrichtungen sind nicht im Lieferumfang von Wedeco.
  4. Alle Verkabelungen, Kabelkanäle und elektrische Anschlüsse des Schaltkastens, sind durch Dritte zu liefern und zu installieren. Alle lokal zutreffenden Gesetze, Normen und Regularien, (z.B. EN, IEC, NEC, cUL, etc.) sind zu berücksichtigen.
  5. Die Anlage ist entsprechend den jeweils lokal gültigen Normen, Gesetze und Regularien und gemäß der angegebenen Dimensionen zu installieren.
  6. UV-Licht kann Augen und Haut schädigen. Schützen Sie Augen und Haut.



MOUNTING/EINBAU: PREFERABLY HORIZONTAL/ BEVORZUGT HOTIZONTAL

| LBX 1500e DN 500 / ANSI 20" |                                                                                           |                                                                                                                       |                              |
|-----------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------|
| Item                        | Description / Beschreibung                                                                | Notes                                                                                                                 | Material                     |
| 1                           | Lamp Connector/cable to electrical Cabinet / Lampenanschluß/ Kabel zum Schaltschrank      | 60 per Unit/ 60 je Einheit                                                                                            |                              |
| 2                           | Inlet / outlet flanges / Eingangs- und Ausgangsflansch                                    | DN500/PN10 EN 1092-1/02 or 20" ANSI B16.5 150.lbs.)                                                                   | ASTM316 (1.4571)             |
| 3                           | UV Sensor                                                                                 | 1 per Unit/1je Einheit, cable provided for connection to Cabinet<br>Kabel für Anschluß an Schaltschrank bereitstellen |                              |
| 4                           | Ground Connector / Erdungsanschluß                                                        |                                                                                                                       | ASTM316 (1.4571)             |
| 5                           | Cleaning and drain/vent valve / Reinigungs-und Spülventil                                 | 3 per unit/ 3 je Einheit, R 1" Din 2999 (1" NPT with ANSI units)                                                      | ASTM316 (1.4571)             |
| 7                           | Wiping system (Optional)/Wischersystem (optional)                                         | 1 per Unit/ 1 je Einheit requires power and controls connection to Cabinet<br>Anschluß an Schaltschrank erforderlich  |                              |
| 8                           | High Temperature switch / Temperaturschalter                                              | 1 per Unit, cable provided for connection to Cabinet<br>Kabel für Anschluß an Schaltschrank bereitstellen             |                              |
| 9                           | Isolation Valve/ Absperrarmatur                                                           | By Others/ durch Dritte                                                                                               | ASTM316 (1.4571) recommended |
| 10                          | Streight Pipe length equal to 0.5 X pipe diameter/ Rohrlänge gleich 0,5 x Rohrdurchmesser | only required for butterfly type valves (by others)<br>nur bei Absperrklappe erforderlich (durch dritte)              |                              |

Xylem Water Solutions Herford GmbH  
Boschstr. 4 – 14, 32051 Herford, Germany  
Tel. +49 5221 930-0, Fax +49 5221 930-222  
Info@xyleminc.com  
www.xyleminc.com

**WEDECO**  
a xylem brand

Proprietary notice pursuant to DIN ISO 16016 to Project:  
LBX 1500e

Title:  
GENERAL ARRANGEMENT DRAWING  
UV REACTOR

|                    |       |
|--------------------|-------|
| Date               | Name  |
| 20.11.2015         | rjuja |
| Drawn              | Chkd. |
| EDV Nr.U-97680.DWG |       |

|             |              |
|-------------|--------------|
| Material :  | Weight:      |
| Article-ID: | Drawing-Nr.: |
| U-97680_0   | sht          |

ORDINANCE NO. \_\_\_\_\_

ORDINANCE TO AUTHORIZE THE CITY MANAGER TO ENTER INTO A CONTRACT WITH AQUIONICS, INC. FOR UPGRADES TO THE ULTRAVIOLET LIGHT DISINFECTION SYSTEM AT THE CITY'S WASTEWATER TREATMENT PLANT AND DECLARING AN EMERGENCY.

BE IT ORDAINED by the Council of the City of Fairfield, Ohio, that:

Section 1. The City Manager is hereby authorized to enter into a contract with Aquionics, Inc. for upgrades to the Ultraviolet Light Disinfection System at the City's Wastewater Treatment Plant in accordance with the contract on file in the office of the City Manager. This contract is authorized as an emergency without competitive bidding in order to maintain adequate treatment capacity at the Wastewater Treatment Plant.

Section 2. This Ordinance is hereby declared to be an emergency measure necessary for the urgent benefit and protection of the City and its inhabitants for the reason that the City can continue to treat sewage in compliance with applicable federal and state environmental rules and permit provisions; wherefore, this ordinance shall take effect immediately upon its passage.

|                |       |                  |       |
|----------------|-------|------------------|-------|
| Passed         | _____ | _____            | _____ |
|                |       | Mayor's Approval |       |
| Posted         | _____ |                  |       |
| First Reading  | _____ | Rules Suspended  | _____ |
| Second Reading | _____ | Emergency        | _____ |
| Third Reading  | _____ |                  |       |

ATTEST:

\_\_\_\_\_  
Clerk of Council

This is to certify that this Ordinance has been duly published by posting and summary publication as provided by Charter.

\_\_\_\_\_  
Clerk of Council

Active Clients\City of Fairfield\Ordinances\2020\Aquionics Inc.-Ord

Attachment: Aquionics Inc-Ord (1497 : Contract with Aquionics Inc. for Ultraviolet Disinfection System upgrades at WWTP)



**City Council Resolution**  
**Regular Meeting - May 11, 2020**

Submitted by: Scott Timmer, Director of Finance  
 Submitting Department: Finance

**Subject:**

Designating the Public Depositories

**Legislation Title:**

Resolution designating the public depositories for funds of the City of Fairfield, Ohio.

**Recommendation:**

**Background/Synopsis:**

State law requires that cities select public depositories for the deposit of active and interim funds.

The City's current Memorandums of Agreement with the various banking institutions are to expire and as required by State Law, the City must proceed to designate/re-designate banking institutions.

The Finance Department has sent out Request for Proposals (RFP's) to financial institutions. The RFPs have been received and are under review. In order not to interrupt banking services, the Finance Department is requesting to extend the current banking contracts with the following institutions:

Fifth Third Bank  
 PNC Bank

First Financial Bank  
 US Bank

Lebanon Citizens National Bank

Once the RFPs have been analyzed, the Finance Department may have additional banking institutions to add as a public depository.

**Financial Impact:**

The financial impact will be the cost of service charges, which the City will pay to the financial institution selected as the City public depository.

**Emergency Provision Explanation:**

To ensure continued compliance with state regulation on public depositories.

**Rule Suspension Requested:**

Yes

**Emergency Provision Needed:**

Yes



**Attachments:**

1. Resolution\_Designate

## RESOLUTION NO. \_\_\_\_\_

**RESOLUTION DESIGNATING THE PUBLIC DEPOSITORIES  
FOR FUNDS OF THE CITY OF FAIRFIELD, OHIO**

WHEREAS, it is estimated that the average active deposits at the beginning of the period of designation shall be \$2,000,000, and the probable amounts subject to active deposits at any time during this period of designation shall be \$2,000,000 and

WHEREAS, written applications for active deposits have been received from Fifth Third Bank, First Financial Bank, Lebanon Citizens National Bank, Huntington Bank, and PNC Bank all of whom have tendered financial statements in accordance with the provisions of the Uniform Depository Act of the State of Ohio, and

WHEREAS, written applications for inactive and interim deposits have been received from Fifth Third Bank, First Financial Bank, Lebanon Citizens National Bank, Huntington Bank, and PNC Bank, in accordance with the provisions of the Uniform Depository Act of the State of Ohio, and

WHEREAS, the Ohio Revised Code provides that to be eligible for designation as a public depository, an institution must have an office located within the territorial limits of the City.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Fairfield, Ohio, that:

- Section 1. Active deposits of the funds of the City of Fairfield, Ohio may be hereby awarded to the Fifth Third Bank, First Financial Bank, Lebanon Citizens National Bank, Huntington Bank, and PNC Bank, which banks shall be public depositories of the City of Fairfield, Ohio for active funds for a period of five (5) years, commencing May 11, 2020 provided duly executed and delivered securities are tendered by said institutions.
- Section 2. The interim and inactive deposits of the funds of the City of Fairfield, Ohio may be awarded as they become available to the Fifth Third Bank, First Financial Bank, Lebanon Citizens National Bank, Huntington Bank, and PNC Bank, which shall be public depositories for interim and inactive deposits of the City of Fairfield, Ohio for a period of five (5) years commencing May 11, 2020 in accordance with the provisions of the Uniform Depository Act of the State of Ohio, provided duly executed and delivered securities are tendered by said institutions.
- Section 3. The active, interim and inactive funds of the City of Fairfield, Ohio shall be deposited and withdrawn in accordance with this resolution and the provisions of the Uniform Depository Act of the State of Ohio.
- Section 4. This resolution shall take effect at the earliest period allowed by law.

Passed \_\_\_\_\_

\_\_\_\_\_  
Mayor's Approval

Posted \_\_\_\_\_

First Reading \_\_\_\_\_

Rules Suspended \_\_\_\_\_

Second Reading \_\_\_\_\_

Third Reading \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Clerk of Council

This is to certify that this Resolution has been duly published by posting and summary publication as provided by Charter.

\_\_\_\_\_  
Clerk of Council



## City Council Resolution Regular Meeting - May 11, 2020

Submitted by: Scott Timmer, Director of Finance

Submitting Department: Finance

### **Subject:**

2020-2024 Capital Improvement Program

### **Legislation Title:**

Resolution to approve and adopt the City of Fairfield, Ohio 2020-2024 Capital Improvement Program.

### **Recommendation:**

It is necessary for City Council to pass a resolution to approve the 2020-2024 Capital Improvement Program.

It is recommended that City Council authorize and direct the preparation of legislation adopting the 2020-2024 Capital Improvement Program.

### **Background/Synopsis:**

The Capital Improvement Program is prepared and submitted annually to the Fairfield City Council in accordance with Article VI, Section 6.02 (A)(6) of the Fairfield City Charter. The 2020-2024 Capital Improvement Program provides Council with a comprehensive plan of capital improvements that are to be undertaken by the City over the next five years.

### **Financial Impact:**

The total amount programmed for capital spending in the 2020-2024 Capital Improvement Program is approximately \$90 million. A Finance Committee meeting of Council was conducted on April 27, 2020 at a Council-Manager briefing to review each department's 2020 capital projects. The 2020 capital projects total \$15,019,880 and with the department breakdown as follows:

|                        |             |
|------------------------|-------------|
| Aquatic / Golf:        | \$ 343,000  |
| City Manager's Office: | \$ 347,050  |
| Development Services:  | \$ 50,000   |
| Facilities:            | \$ 175,500  |
| Finance:               | \$ 175,000  |
| Fire:                  | \$ 324,500  |
| Fleet:                 | \$1,365,000 |
| Parks & Recreation:    | \$3,310,500 |
| Police:                | \$ 131,000  |
| Streets:               | \$5,561,130 |
| Water:                 | \$2,004,500 |
| Wastewater:            | \$1,232,700 |

**Emergency Provision Explanation:**

N/A

**Rule Suspension Requested:**

Yes

**Emergency Provision Needed:**

No

**Attachments:**

1. 2020-24\_CIP\_SummaryDept
2. Capital Improvement Program-Res



# 2020-2024 Capital Improvement Program Summary Report by Department

120

## 2020

|       |                                                 |            |         |       |  |                  |
|-------|-------------------------------------------------|------------|---------|-------|--|------------------|
| 0CM01 | NETWORK INFRASTRUCTURE MAINTENANCE              | Source(s): | 402     |       |  | \$50,000         |
|       | Priority-Need: MAJOR - IMPROVE SERVICE LEVEL    |            | 50,000  |       |  |                  |
| 0CM02 | SOFTWARE MAINTENANCE                            | Source(s): | 100     |       |  | \$115,750        |
|       | Priority-Need: CRITICAL - CURRENT SERVICE LEVEL |            | 115,750 |       |  |                  |
| 0CM03 | COMPUTER AND SERVER EQUIPMENT                   | Source(s): | 402     | 624   |  | \$133,800        |
|       | Priority-Need: CRITICAL - CURRENT SERVICE LEVEL |            | 130,300 | 3,500 |  |                  |
| 0CM04 | CITYWIDE DOCUMENT IMAGING PROJECT               | Source(s): | 100     |       |  | \$10,000         |
|       | Priority-Need: MAJOR-EFFICIENCY                 |            | 10,000  |       |  |                  |
| 0CM05 | CAMERA SURVEILLANCE SYSTEM                      | Source(s): | 402     |       |  | \$37,500         |
|       | Priority-Need: MAJOR - CURRENT                  |            | 37,500  |       |  |                  |
|       |                                                 |            |         |       |  | <b>\$347,050</b> |

## 2021

|       |                                                    |            |         |       |       |                  |
|-------|----------------------------------------------------|------------|---------|-------|-------|------------------|
| 1CM01 | NETWORK INFRASTRUCTURE MAINTENANCE                 | Source(s): | 402     |       |       | \$25,000         |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL |            | 25,000  |       |       |                  |
| 1CM02 | SOFTWARE MAINTENANCE                               | Source(s): | 100     |       |       | \$10,000         |
|       | Priority-Need: MAJOR - CURRENT SERVICE LEVEL       |            | 10,000  |       |       |                  |
| 1CM03 | COMPUTER AND SERVER EQUIPMENT                      | Source(s): | 402     | 624   | 605   | \$105,000        |
|       | Priority-Need: CRITICAL - CURRENT SERVICE LEVEL    |            | 100,000 | 2,500 | 2,500 |                  |
| 1CM05 | CAMERA SURVEILLANCE SYSTEM                         | Source(s): | 402     |       |       | \$2,500          |
|       | Priority-Need: MAJOR - CURRENT                     |            | 2,500   |       |       |                  |
|       |                                                    |            |         |       |       | <b>\$142,500</b> |

## 2022

|       |                                                    |            |         |       |       |                  |
|-------|----------------------------------------------------|------------|---------|-------|-------|------------------|
| 2CM01 | NETWORK INFRASTRUCTURE MAINTENANCE                 | Source(s): | 402     |       |       | \$63,000         |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL |            | 63,000  |       |       |                  |
| 2CM02 | SOFTWARE MAINTENANCE                               | Source(s): | 100     |       |       | \$8,000          |
|       | Priority-Need: MAJOR - CURRENT SERVICE LEVEL       |            | 8,000   |       |       |                  |
| 2CM03 | COMPUTER AND SERVER EQUIPMENT                      | Source(s): | 402     | 624   | 605   | \$113,700        |
|       | Priority-Need: CRITICAL - CURRENT SERVICE LEVEL    |            | 108,700 | 2,500 | 2,500 |                  |
| 2CM04 | COUNCIL CHAMBERS A/V EQUIPMENT                     | Source(s): | 402     |       |       | \$90,000         |
|       | Priority-Need: MINOR-CURRENT SERVICE LEVEL         |            | 90,000  |       |       |                  |
| 2CM05 | CAMERA SURVEILLANCE SYSTEM                         | Source(s): | 402     |       |       | \$15,000         |
|       | Priority-Need: MAJOR - CURRENT                     |            | 15,000  |       |       |                  |
|       |                                                    |            |         |       |       | <b>\$289,700</b> |

## 2023

|       |                                                    |            |        |  |  |          |
|-------|----------------------------------------------------|------------|--------|--|--|----------|
| 3CM01 | NETWORK INFRASTRUCTURE MAINTENANCE                 | Source(s): | 402    |  |  | \$25,000 |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL |            | 25,000 |  |  |          |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)





# 2020-2024 Capital Improvement Program Summary Report by Department

3CM02 SOFTWARE MAINTENANCE  
*Priority-Need: MAJOR - CURRENT SERVICE LEVEL*  
3CM03 COMPUTER AND SERVER EQUIPMENT  
*Priority-Need: CRITICAL - CURRENT SERVICE LEVEL*  
3CM05 CAMERA SURVEILLANCE SYSTEM  
*Priority-Need: MAJOR - CURRENT*

|            |         |       |       |                  |
|------------|---------|-------|-------|------------------|
| Source(s): | 100     |       |       | \$7,000          |
|            | 7,000   |       |       |                  |
| Source(s): | 100     | 605   | 624   | \$105,000        |
|            | 100,000 | 2,500 | 2,500 |                  |
| Source(s): | 402     |       |       | \$7,500          |
|            | 7,500   |       |       |                  |
|            |         |       |       | <b>\$144,500</b> |

2024

4CM01 NETWORK INFRASTRUCTURE MAINTENANCE  
*Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL*  
4CM02 SOFTWARE MAINTENANCE  
*Priority-Need: MAJOR - CURRENT SERVICE LEVEL*  
4CM03 COMPUTER AND SERVER EQUIPMENT  
*Priority-Need: CRITICAL - CURRENT SERVICE LEVEL*  
4CM05 CAMERA SURVEILLANCE SYSTEM  
*Priority-Need: MAJOR - CURRENT*

|            |        |       |       |                 |
|------------|--------|-------|-------|-----------------|
| Source(s): | 402    |       |       | \$25,000        |
|            | 25,000 |       |       |                 |
| Source(s): | 100    |       |       | \$5,000         |
|            | 5,000  |       |       |                 |
| Source(s): | 100    | 624   | 605   | \$60,000        |
|            | 55,000 | 2,500 | 2,500 |                 |
| Source(s): | 402    |       |       | \$7,500         |
|            | 7,500  |       |       |                 |
|            |        |       |       | <b>\$97,500</b> |



# 2020-2024 Capital Improvement Program Summary Report by Department

150

2020

0DV01 CITY WIDE REDEVELOPMENT FUND  
Priority-Need: MINOR-ECONOMIC GROWTH DEVELOPMENT DRIVEN

Source(s): 100  
50,000

\$50,000

**\$50,000**2021

1DV01 CITY WIDE REDEVELOPMENT FUND  
Priority-Need: MINOR-ECONOMIC GROWTH DEVELOPMENT DRIVEN

Source(s): 100  
50,000

\$50,000

1DV03 ZONING CODE UPDATE  
Priority-Need: MAJOR-QUALITY OF LIFE DEVELOPMENT DRIVEN

Source(s): 100  
120,000

\$120,000

**\$170,000**2022

2DV01 CITY WIDE REDEVELOPMENT FUND  
Priority-Need: MINOR-ECONOMIC GROWTH DEVELOPMENT DRIVEN

Source(s): 100  
50,000

\$50,000

2DV02 DEVELOPMENT SERVICES FURNISHINGS  
Priority-Need: MINOR-CURRENT SERVICE LEVEL

Source(s): 402  
25,000

\$25,000

**\$75,000**2023

3DV01 CITY WIDE REDEVELOPMENT FUND  
Priority-Need: MINOR-ECONOMIC GROWTH DEVELOPMENT DRIVEN

Source(s): 100  
50,000

\$50,000

**\$50,000**2024

4DV01 CITY WIDE REDEVELOPMENT FUND  
Priority-Need: MINOR-ECONOMIC GROWTH DEVELOPMENT DRIVEN

Source(s): 100  
50,000

\$50,000

**\$50,000**

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)

# 2020-2024 Capital Improvement Program Summary Report by Department



210

2020

0FN01 INCOME TAX SOFTWARE  
*Priority-Need: MAJOR - EFFICIENCY*

Source(s): 100  
175,000

\$175,000

\$175,000

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



# 2020-2024 Capital Improvement Program Summary Report by Department

310

## 2020

OPD01 POLICE VEHICLE EQUIPMENT  
*Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL*

OPD02 PROPERTY ROOM IMPROVEMENTS  
*Priority-Need: MAJOR-CURRENT SERVICE LEVEL*

OPD04 ANIMAL SHELTER UPGRADE  
*Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL*

Source(s): 402  
30,000

Source(s): 211  
61,000

Source(s): 402  
40,000

\$30,000

\$61,000

\$40,000

**\$131,000**

## 2021

1PD01 POLICE VEHICLE EQUIPMENT  
*Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL*

1PD02 TASER REPLACEMENT  
*Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL*

1PD03 CAD/RMS REPLACEMENT  
*Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL*

1PD04 BREATH TESTING EQUIPMENT  
*Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL*

Source(s): 402  
30,000

Source(s): 402  
100,000

Source(s): 402 DEBT  
0 1,500,000

Source(s): 211  
10,000

\$30,000

\$100,000

\$1,500,000

\$10,000

**\$1,640,000**

## 2022

2PD01 POLICE VEHICLE EQUIPMENT  
*Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL*

Source(s): 402  
30,000

\$30,000

**\$30,000**

## 2023

3PD01 POLICE VEHICLE EQUIPMENT  
*Priority-Need: MAJOR-CURRENT SERVICE LEVEL*

Source(s): 402  
30,000

\$30,000

**\$30,000**

## 2024

4PD01 POLICE VEHICLE EQUIPMENT  
*Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL*

Source(s): 402  
42,500

\$42,500

**\$42,500**

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



## 2020-2024 Capital Improvement Program Summary Report by Department

320

### 2020

0FD01 REPLACE SELF CONTAINED BREATHING AP  
*Priority-Need: CRITICAL - PUBLIC HEALTH, SAFETY OR WELFARE*  
0FD02 REPLACE HOSE AND APPLIANCES  
*Priority-Need: MAJOR - PUBLIC HEALTH, SAFETY, AND WELFARE*  
0FD03 REPLACEMENT BEDDING  
*Priority-Need: MAJOR - HEALTH AND SAFETY*

Source(s): 402  
280,000  
Source(s): 402  
35,000  
Source(s): 402  
9,500

\$280,000

\$35,000

\$9,500

**\$324,500**

### 2021

1FD01 REPLACEMENT PERSONAL PROTECTIVE EQU  
*Priority-Need: MAJOR - PUBLIC HEALTH, SAFETY, AND WELFARE*

Source(s): 402  
58,000

\$58,000

**\$58,000**

### 2022

2FD01 REPLACEMENT HOSE AND FIRE EQUIPMENT  
*Priority-Need: MAJOR - CONTINUATION OF SERVICES*

Source(s): 402  
35,000

\$35,000

**\$35,000**

### 2023

3FD01 REPLACEMENT PERSONAL PROTECTIVE EQU  
*Priority-Need: CRITICAL - CONTINUATION OF SERVICE AND PERSONNEL SAFETY*

Source(s): 402  
60,000

\$60,000

**\$60,000**

### 2024

4FD01 REPLACEMENT HOSE AND FIRE EQUIPMENT  
*Priority-Need: CRITICAL - CONTINUATION OF SERVICE*

Source(s): 402  
35,000

\$35,000

**\$35,000**

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



# 2020-2024 Capital Improvement Program Summary Report by Department

412

## 2020

|       |                                                       |            |        |       |                  |
|-------|-------------------------------------------------------|------------|--------|-------|------------------|
| 0FC02 | ENERGY MANAGEMENT UPGRADE                             | Source(s): | 402    |       | \$45,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 45,000 |       |                  |
| 0FC41 | SEWER PLANT REPAIRS & UPGRADES                        | Source(s): | 624    |       | \$25,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 25,000 |       |                  |
| 0FC51 | PARKS BUILDINGS REPAIRS & UPGRADES                    | Source(s): | 402    |       | \$30,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 30,000 |       |                  |
| 0FC52 | LANE LIBRARY REPAIRS                                  | Source(s): | 402    |       | \$5,000          |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 5,000  |       |                  |
| 0FC61 | PUBLIC WORKS REPAIRS & UPGRADES                       | Source(s): | 402    |       | \$10,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 10,000 |       |                  |
| 0FC71 | JUSTICE CENTER REPAIRS & UPGRADES                     | Source(s): | 402    |       | \$10,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 10,000 |       |                  |
| 0FC81 | FIREHOUSE REPAIRS & UPGRADES                          | Source(s): | 402    |       | \$20,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 20,000 |       |                  |
| 0FC91 | LANDSCAPING OF CITY FACILITIES                        | Source(s): | 402    | 100   | \$30,500         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 25,000 | 5,500 |                  |
|       |                                                       |            |        |       | <b>\$175,500</b> |

## 2021

|       |                                                       |            |        |           |             |
|-------|-------------------------------------------------------|------------|--------|-----------|-------------|
| 1FC01 | MUNICIPAL BUILDING & ANNEX UPGRADE                    | Source(s): | 402    | DEBT      | \$1,000,000 |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL |            | 0      | 1,000,000 |             |
| 1FC21 | WATER PLANT REPAIRS & UPGRADES                        | Source(s): | 605    |           | \$10,000    |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 10,000 |           |             |
| 1FC41 | SEWER PLANT REPAIRS & UPGRADES                        | Source(s): | 624    |           | \$25,000    |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 25,000 |           |             |
| 1FC51 | PARKS BUILDINGS REPAIRS & UPGRADES                    | Source(s): | 402    |           | \$30,000    |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 30,000 |           |             |
| 1FC52 | LANE LIBRARY REPAIRS                                  | Source(s): | 402    |           | \$15,000    |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 15,000 |           |             |
| 1FC61 | PUBLIC WORKS REPAIRS & UPGRADES                       | Source(s): | 402    |           | \$20,000    |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 20,000 |           |             |
| 1FC66 | CITYWIDE FIRE ALARM COMMUNICATOR                      | Source(s): | 402    |           | \$20,000    |
|       | Priority-Need: MAJOR - LEGALLY MANDATED               |            | 20,000 |           |             |
| 1FC71 | JUSTICE CENTER REPAIRS & UPGRADES                     | Source(s): | 402    |           | \$30,000    |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 30,000 |           |             |
| 1FC81 | FIREHOUSE REPAIRS & UPGRADES                          | Source(s): | 402    |           | \$20,000    |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 20,000 |           |             |
| 1FC91 | LANDSCAPING OF CITY FACILITIES                        | Source(s): | 402    |           | \$50,000    |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 50,000 |           |             |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)





## 2020-2024 Capital Improvement Program Summary Report by Department

**\$1,220,000**

### 2022

2FC01 MUNICIPAL BUILDING & ANNEX REPAIRS  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

2FC21 WATER PLANT REPAIRS & UPGRADES  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

2FC41 SEWER PLANT REPAIRS & UPGRADES  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

2FC51 PARKS BUILDINGS REPAIRS & UPGRADES  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

2FC52 LANE LIBRARY REPAIRS  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

2FC61 PUBLIC WORKS REPAIRS & UPGRADES  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

2FC71 JUSTICE CENTER REPAIRS & UPGRADES  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

2FC81 FIREHOUSE REPAIRS & UPGRADES  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

2FC91 LANDSCAPING OF CITY FACILITIES  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

Source(s): 402  
40,000

Source(s): 605  
180,000

Source(s): 624  
25,000

Source(s): 402  
70,000

Source(s): 402  
20,000

Source(s): 402  
350,000

Source(s): 402  
15,000

Source(s): 402  
70,000

Source(s): 402  
75,000

\$40,000

\$180,000

\$25,000

\$70,000

\$20,000

\$350,000

\$15,000

\$70,000

\$75,000

**\$845,000**

### 2023

3FC01 MUNICIPAL BUILDING & ANNEX REPAIRS  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

3FC21 WATER PLANT REPAIRS & UPGRADES  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

3FC41 SEWER PLANT REPAIRS & UPGRADES  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

3FC51 PARKS BUILDINGS REPAIRS & UPGRADES  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

3FC52 LANE LIBRARY REPAIRS  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

3FC61 PUBLIC WORKS REPAIRS & UPGRADES  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

3FC71 JUSTICE CENTER REPAIRS & UPGRADES  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

3FC81 FIREHOUSE REPAIRS & UPGRADES  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

3FC91 LANDSCAPING OF CITY FACILITIES  
*Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL*

Source(s): 402  
50,000

Source(s): 605  
10,000

Source(s): 624  
25,000

Source(s): 402  
150,000

Source(s): 402  
30,000

Source(s): 402  
30,000

Source(s): 402  
15,000

Source(s): 402  
50,000

Source(s): 402  
75,000

\$50,000

\$10,000

\$25,000

\$150,000

\$30,000

\$30,000

\$15,000

\$50,000

\$75,000

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)

# 2020-2024 Capital Improvement Program Summary Report by Department



**\$435,000**

2024

|                                                              |                                   |
|--------------------------------------------------------------|-----------------------------------|
| 4FC41                                                        | SEWER PLANT REPAIRS & UPGRADES    |
| <i>Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL</i> |                                   |
| 4FC61                                                        | PUBLIC WORKS REPAIRS & UPGRADES   |
| <i>Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL</i> |                                   |
| 4FC71                                                        | JUSTICE CENTER REPAIRS & UPGRADES |
| <i>Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL</i> |                                   |
| 4FC81                                                        | FIREHOUSE REPAIRS & UPGRADES      |
| <i>Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL</i> |                                   |
| 4FC91                                                        | LANDSCAPING OF CITY FACILITIES    |
| <i>Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL</i> |                                   |

|            |        |
|------------|--------|
| Source(s): | 624    |
|            | 25,000 |
| Source(s): | 402    |
|            | 30,000 |
| Source(s): | 402    |
|            | 15,000 |
| Source(s): | 402    |
|            | 30,000 |
| Source(s): | 402    |
|            | 75,000 |

|          |
|----------|
| \$25,000 |
| \$30,000 |
| \$15,000 |
| \$30,000 |
| \$75,000 |

**\$175,000**

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



# 2020-2024 Capital Improvement Program Summary Report by Department

420

## 2020

|       |                                                            |            |           |         |             |
|-------|------------------------------------------------------------|------------|-----------|---------|-------------|
| OPW01 | SIDEWALK INSTALLATION "GAP" PROGRAM                        | Source(s): | 100       |         | \$10,000    |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 10,000    |         |             |
| OPW02 | TRAFFIC ENGINEERING / SPARE PARTS                          | Source(s): | 205       |         | \$15,000    |
|       | Priority-Need: MAJOR - IMPROVE EFFICIENCY SERVICE LEVEL    |            | 15,000    |         |             |
| OPW03 | DRAINAGE IMPROVEMENTS (CONTRACTED)                         | Source(s): | 402       |         | \$30,000    |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 30,000    |         |             |
| OPW04 | DRAINAGE IMPROVEMENTS (IN HOUSE)                           | Source(s): | 402       |         | \$100,000   |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL        |            | 100,000   |         |             |
| OPW06 | ANNUAL STREET PAVING PROGRAM                               | Source(s): | 401       |         | \$2,000,000 |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 2,000,000 |         |             |
| OPW07 | ANNUAL CONCRETE CURB PROGRAM                               | Source(s): | 401       |         | \$850,000   |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 850,000   |         |             |
| OPW08 | LANDSCAPE MAINTENANCE PROGRAM                              | Source(s): | 402       |         | \$170,000   |
|       | Priority-Need: MAJOR-QUALITY OF LIFE DEVELOPMENT DRIVEN    |            | 170,000   |         |             |
| OPW09 | PAVEMENT MARKING PROGRAM                                   | Source(s): | 401       |         | \$120,000   |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 120,000   |         |             |
| OPW10 | GEOTECHNICAL EXPLORATION & TESTING                         | Source(s): | 401       |         | \$10,000    |
|       | Priority-Need: CRITICAL - IMPROVE EFFICIENCY SERVICE LEVEL |            | 10,000    |         |             |
| OPW11 | STREET LIGHT INSTALLATION                                  | Source(s): | 402       |         | \$5,000     |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL         |            | 5,000     |         |             |
| OPW12 | PARKING LOT MAINTENANCE PROGRAM                            | Source(s): | 402       |         | \$50,000    |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 50,000    |         |             |
| OPW13 | STREET MAINTENANCE - CRACK SEALING                         | Source(s): | 401       |         | \$29,000    |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 29,000    |         |             |
| OPW14 | DRYWELL CLEANING                                           | Source(s): | 401       |         | \$10,000    |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 10,000    |         |             |
| OPW15 | CCTV REPLACEMENT                                           | Source(s): | 211       | 205     | \$10,000    |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL         |            | 5,000     | 5,000   |             |
| OPW16 | SIDEWALK/APRON PROGRAM                                     | Source(s): | 100       |         | \$210,000   |
|       | Priority-Need: MAJOR - QUALITY OF LIFE DEVELOPMENT DRIVEN  |            | 210,000   |         |             |
| OPW27 | ROUTE 4/MICHAEL/CAMELOT - R/W                              | Source(s): | 401       | STATE   | \$250,000   |
|       | Priority-Need: MAJOR-IMPROVE EFFICIENCY SERVICE LEVEL      |            | 44,000    | 206,000 |             |
| OPW29 | NORTH ROUTE 4 SIDEWALK IMPROVEMENTS                        | Source(s): | 401       | CDBG    | \$79,125    |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL         |            | 18,000    | 61,125  |             |
| OPW30 | IVY AND LEILA ROADWAY IMPROVEMENTS                         | Source(s): | 401       | CDBG    | \$90,000    |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL         |            | 28,000    | 62,000  |             |
| OPW32 | BOYMEL AND ROUTE 4 CONSTRUCTION                            | Source(s): | 410       | 401     | \$363,005   |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL         |            | 200,000   | 163,005 |             |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



## 2020-2024 Capital Improvement Program Summary Report by Department

|       |                                                                |            |         |                           |
|-------|----------------------------------------------------------------|------------|---------|---------------------------|
| 0PW35 | PLEASANT GATEWAY-ENGINEERING                                   | Source(s): | 100     | \$100,000                 |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL             |            | 100,000 |                           |
| 0PW42 | RADAR SIGNS FOR SCHOOL ZONES                                   | Source(s): | 205     | \$15,000                  |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL             |            | 15,000  |                           |
| 0PW45 | SCHOOL FLASHER REPLACEMENT                                     | Source(s): | 205     | \$10,000                  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL            |            | 10,000  |                           |
| 0PW52 | MUSKOPF STORM SEWER - CONSTRUCTION                             | Source(s): | 402     | \$990,000                 |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL             |            | 990,000 |                           |
| 0PW55 | CITYWIDE SIGN INVENTORY                                        | Source(s): | 401     | \$45,000                  |
|       | Priority-Need: MINOR-PUBLIC HEALTH, SAFETY OR WELFARE MANDATED |            | 45,000  |                           |
|       |                                                                |            |         | <b><u>\$5,561,130</u></b> |

### 2021

|       |                                                            |            |                   |             |
|-------|------------------------------------------------------------|------------|-------------------|-------------|
| 1PW01 | SIDEWALK INSTALLATION "GAP" PROGRAM                        | Source(s): | 100               | \$40,000    |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 40,000            |             |
| 1PW02 | TRAFFIC ENGINEERING / SPARE PARTS                          | Source(s): | 205               | \$20,000    |
|       | Priority-Need: MAJOR - IMPROVE EFFICIENCY SERVICE LEVEL    |            | 20,000            |             |
| 1PW03 | DRAINAGE IMPROVEMENTS (CONTRACTED)                         | Source(s): | 402               | \$75,000    |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 75,000            |             |
| 1PW04 | DRAINAGE IMPROVEMENTS (IN HOUSE)                           | Source(s): | 402               | \$100,000   |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL        |            | 100,000           |             |
| 1PW06 | ANNUAL STREET PAVING PROGRAM                               | Source(s): | 410 401           | \$2,300,000 |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 700,000 1,600,000 |             |
| 1PW07 | ANNUAL CONCRETE CURB PROGRAM                               | Source(s): | 401               | \$1,100,000 |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 1,100,000         |             |
| 1PW08 | LANDSCAPE MAINTENANCE PROGRAM                              | Source(s): | 402               | \$170,000   |
|       | Priority-Need: MAJOR-QUALITY OF LIFE DEVELOPMENT DRIVEN    |            | 170,000           |             |
| 1PW09 | PAVEMENT MARKING PROGRAM                                   | Source(s): | 401               | \$120,000   |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 120,000           |             |
| 1PW10 | GEOTECHNICAL EXPLORATION & TESTING                         | Source(s): | 401               | \$10,000    |
|       | Priority-Need: CRITICAL - IMPROVE EFFICIENCY SERVICE LEVEL |            | 10,000            |             |
| 1PW11 | STREET LIGHT INSTALLATION                                  | Source(s): | 402               | \$5,000     |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL         |            | 5,000             |             |
| 1PW12 | PARKING LOT MAINTENANCE PROGRAM                            | Source(s): | 402 605           | \$115,000   |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 100,000 15,000    |             |
| 1PW13 | STREET MAINTENANCE - CRACK SEALING                         | Source(s): | 401               | \$29,000    |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 29,000            |             |
| 1PW14 | DRYWELL CLEANING                                           | Source(s): | 401               | \$10,000    |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 10,000            |             |
| 1PW15 | CCTV REPLACEMENT                                           | Source(s): | 211 205           | \$10,000    |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL         |            | 5,000 5,000       |             |



## 2020-2024 Capital Improvement Program Summary Report by Department

|       |                                                           |            |         |         |         |        |  |  |             |
|-------|-----------------------------------------------------------|------------|---------|---------|---------|--------|--|--|-------------|
| 1PW16 | SIDEWALK/APRON PROGRAM                                    | Source(s): | 100     |         |         |        |  |  | \$375,000   |
|       | Priority-Need: MAJOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 375,000 |         |         |        |  |  |             |
| 1PW22 | S GILMORE (RESOR-MACK) ENGINEERING                        | Source(s): | 401     | 205     |         |        |  |  | \$400,000   |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL        |            | 200,000 | 200,000 |         |        |  |  |             |
| 1PW26 | PLEASANT AVENUE (AUGUSTA TO RESOR)                        | Source(s): | 410     | 401     |         |        |  |  | \$600,000   |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL        |            | 300,000 | 300,000 |         |        |  |  |             |
| 1PW27 | RT 4/MICHAEL/CAMELOT-CONSTRUCTION                         | Source(s): | 401     | STATE   | CDBG    | 604    |  |  | \$1,251,026 |
|       | Priority-Need: MAJOR-IMPROVE EFFICIENCY SERVICE LEVEL     |            | 113,000 | 970,026 | 113,000 | 55,000 |  |  |             |
| 1PW28 | ROUTE 4 PAVING SOUTH - ENGINEERING                        | Source(s): | 401     | LOCAL   |         |        |  |  | \$75,000    |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL       |            | 50,000  | 25,000  |         |        |  |  |             |
| 1PW29 | S GILMORE / 275 WB RAMP                                   | Source(s): | 401     | 205     | STATE   |        |  |  | \$980,000   |
|       | Priority-Need: MAJOR-IMPROVE EFFICIENCY SERVICE LEVEL     |            | 176,000 | 20,000  | 784,000 |        |  |  |             |
| 1PW35 | PLEASANT GATEWAY - CONSTRUCTION                           | Source(s): | 410     | 401     |         |        |  |  | \$500,000   |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL        |            | 450,000 | 50,000  |         |        |  |  |             |
| 1PW41 | STREET LIGHT REPLACEMENT PROJECT                          | Source(s): | 402     | CDBG    |         |        |  |  | \$150,000   |
|       | Priority-Need: MAJOR-IMPROVE EFFICIENCY SERVICE LEVEL     |            | 35,000  | 115,000 |         |        |  |  |             |
| 1PW42 | SCHOOL FLASHER REPLACEMENT                                | Source(s): | 205     |         |         |        |  |  | \$20,000    |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL       |            | 20,000  |         |         |        |  |  |             |
| 1PW43 | VIDEO DETECTION UPGRADES                                  | Source(s): | 205     |         |         |        |  |  | \$25,000    |
|       | Priority-Need: MINOR-IMPROVE EFFICIENCY SERVICE LEVEL     |            | 25,000  |         |         |        |  |  |             |
| 1PW51 | STREAM/RIVER EROSION CONTROL IMPROV                       | Source(s): | 402     |         |         |        |  |  | \$25,000    |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL       |            | 25,000  |         |         |        |  |  |             |

**\$8,505,026**

### 2022

|       |                                                         |            |           |         |  |  |  |  |             |
|-------|---------------------------------------------------------|------------|-----------|---------|--|--|--|--|-------------|
| 2PW01 | SIDEWALK INSTALLATION                                   | Source(s): | 100       |         |  |  |  |  | \$40,000    |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL    |            | 40,000    |         |  |  |  |  |             |
| 2PW02 | TRAFFIC ENGINEERING / SPARE PARTS                       | Source(s): | 205       |         |  |  |  |  | \$20,000    |
|       | Priority-Need: MAJOR - IMPROVE EFFICIENCY SERVICE LEVEL |            | 20,000    |         |  |  |  |  |             |
| 2PW03 | DRAINAGE IMPROVEMENTS (CONTRACTED)                      | Source(s): | 402       |         |  |  |  |  | \$100,000   |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL   |            | 100,000   |         |  |  |  |  |             |
| 2PW04 | DRAINAGE IMPROVEMENTS (IN HOUSE)                        | Source(s): | 402       |         |  |  |  |  | \$105,000   |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL     |            | 105,000   |         |  |  |  |  |             |
| 2PW06 | ANNUAL STREET PAVING PROGRAM                            | Source(s): | 401       | 410     |  |  |  |  | \$2,100,000 |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL   |            | 1,700,000 | 400,000 |  |  |  |  |             |
| 2PW07 | ANNUAL CONCRETE CURB PROGRAM                            | Source(s): | 401       |         |  |  |  |  | \$900,000   |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL   |            | 900,000   |         |  |  |  |  |             |
| 2PW08 | LANDSCAPE MAINTENANCE PROGRAM                           | Source(s): | 402       |         |  |  |  |  | \$185,000   |
|       | Priority-Need: MAJOR-QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 185,000   |         |  |  |  |  |             |
| 2PW09 | PAVEMENT MARKING PROGRAM                                | Source(s): | 401       |         |  |  |  |  | \$120,000   |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL   |            | 120,000   |         |  |  |  |  |             |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



## 2020-2024 Capital Improvement Program Summary Report by Department

|       |                                                            |            |         |           |         |  |                    |
|-------|------------------------------------------------------------|------------|---------|-----------|---------|--|--------------------|
| 2PW10 | GEOTECHNICAL EXPLORATION & TESTING                         | Source(s): | 401     |           |         |  | \$10,000           |
|       | Priority-Need: CRITICAL - IMPROVE EFFICIENCY SERVICE LEVEL |            | 10,000  |           |         |  |                    |
| 2PW11 | STREET LIGHT INSTALLATION                                  | Source(s): | 402     |           |         |  | \$5,000            |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL         |            | 5,000   |           |         |  |                    |
| 2PW12 | PARKING LOT MAINTENANCE PROGRAM                            | Source(s): | 402     |           |         |  | \$50,000           |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 50,000  |           |         |  |                    |
| 2PW13 | STREET MAINTENANCE - CRACK SEALING                         | Source(s): | 401     |           |         |  | \$30,000           |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 30,000  |           |         |  |                    |
| 2PW14 | DRYWELL CLEANING                                           | Source(s): | 401     |           |         |  | \$10,000           |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 10,000  |           |         |  |                    |
| 2PW15 | CCTV REPLACEMENT                                           | Source(s): | 211     | 205       |         |  | \$10,000           |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL         |            | 5,000   | 5,000     |         |  |                    |
| 2PW16 | SIDEWALK/APRON PROGRAM                                     | Source(s): | 100     |           |         |  | \$375,000          |
|       | Priority-Need: MAJOR - QUALITY OF LIFE DEVELOPMENT DRIVEN  |            | 375,000 |           |         |  |                    |
| 2PW21 | RIVER/GROH/CHATEAU PROJECT - ENG                           | Source(s): | 401     |           |         |  | \$150,000          |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL        |            | 150,000 |           |         |  |                    |
| 2PW24 | SIDEWALK AND CURB RAMP PROJECT                             | Source(s): | 401     | CDBG      |         |  | \$140,000          |
|       | Priority-Need: MINOR-QUALITY OF LIFE DEVELOPMENT DRIVEN    |            | 25,000  | 115,000   |         |  |                    |
| 2PW25 | JOHN GRAY SIDEWALK - CONTSTUCTION                          | Source(s): | 402     |           |         |  | \$300,000          |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL         |            | 300,000 |           |         |  |                    |
| 2PW28 | ROUTE 4 PAVING SOUTH - CONSTRUCTION                        | Source(s): | 401     | STATE     | LOCAL   |  | \$2,500,000        |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL        |            | 700,000 | 1,600,000 | 200,000 |  |                    |
| 2PW33 | 275/GILMORE LANDSCAPING-PERMIT                             | Source(s): | 402     |           |         |  | \$10,000           |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL         |            | 10,000  |           |         |  |                    |
| 2PW40 | STREET LIGHT REPLACEMENT PROJECT                           | Source(s): | 402     |           |         |  | \$175,000          |
|       | Priority-Need: MAJOR-IMPROVE EFFICIENCY SERVICE LEVEL      |            | 175,000 |           |         |  |                    |
| 2PW41 | ILLUMINATED SIGN REPLACEMENT                               | Source(s): | 205     |           |         |  | \$175,000          |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL         |            | 175,000 |           |         |  |                    |
| 2PW42 | RADAR DETECTION                                            | Source(s): | 205     |           |         |  | \$30,000           |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL         |            | 30,000  |           |         |  |                    |
| 2PW53 | STORM SEWER LINING (VARIOUS)                               | Source(s): | 402     |           |         |  | \$125,000          |
|       | Priority-Need: CRITICAL-MAINTAIN CURRENT SERVICE LEVEL     |            | 125,000 |           |         |  |                    |
|       |                                                            |            |         |           |         |  | <b>\$7,665,000</b> |

### 2023

|       |                                                         |            |         |  |  |  |           |
|-------|---------------------------------------------------------|------------|---------|--|--|--|-----------|
| 3PW01 | SIDEWALK INSTALLATION GAP PROGRAM                       | Source(s): | 100     |  |  |  | \$50,000  |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL    |            | 50,000  |  |  |  |           |
| 3PW02 | TRAFFIC ENGINEERING / SPARE PARTS                       | Source(s): | 205     |  |  |  | \$25,000  |
|       | Priority-Need: MAJOR - IMPROVE EFFICIENCY SERVICE LEVEL |            | 25,000  |  |  |  |           |
| 3PW03 | DRAINAGE IMPROVEMENTS (CONTRACTED)                      | Source(s): | 402     |  |  |  | \$100,000 |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL   |            | 100,000 |  |  |  |           |





## 2020-2024 Capital Improvement Program Summary Report by Department

|       |                                                            |            |           |         |             |
|-------|------------------------------------------------------------|------------|-----------|---------|-------------|
| 3PW04 | DRAINAGE IMPROVEMENTS (IN HOUSE)                           | Source(s): | 402       |         | \$105,000   |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL        |            | 105,000   |         |             |
| 3PW06 | ANNUAL STREET PAVING PROGRAM                               | Source(s): | 401       |         | \$2,000,000 |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 2,000,000 |         |             |
| 3PW07 | ANNUAL CONCRETE CURB PROGRAM                               | Source(s): | 401       |         | \$1,000,000 |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 1,000,000 |         |             |
| 3PW08 | LANDSCAPE MAINTENANCE PROGRAM                              | Source(s): | 402       |         | \$185,000   |
|       | Priority-Need: MAJOR-QUALITY OF LIFE DEVELOPMENT DRIVEN    |            | 185,000   |         |             |
| 3PW09 | PAVEMENT MARKING PROGRAM                                   | Source(s): | 401       |         | \$125,000   |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 125,000   |         |             |
| 3PW10 | GEOTECHNICAL EXPLORATION & TESTING                         | Source(s): | 401       |         | \$10,000    |
|       | Priority-Need: CRITICAL - IMPROVE EFFICIENCY SERVICE LEVEL |            | 10,000    |         |             |
| 3PW11 | STREET LIGHT INSTALLATION                                  | Source(s): | 402       |         | \$7,500     |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL         |            | 7,500     |         |             |
| 3PW12 | PARKING LOT MAINTENANCE PROGRAM                            | Source(s): | 402       | 624     | \$415,000   |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 400,000   | 15,000  |             |
| 3PW13 | STREET MAINTENANCE - CRACK SEALING                         | Source(s): | 401       |         | \$30,000    |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 30,000    |         |             |
| 3PW14 | DRYWELL CLEANING                                           | Source(s): | 401       |         | \$10,000    |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 10,000    |         |             |
| 3PW15 | CCTV REPLACEMENT                                           | Source(s): | 211       | 205     | \$10,000    |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL         |            | 5,000     | 5,000   |             |
| 3PW16 | SIDEWALK/APRON PROGRAM                                     | Source(s): | 100       |         | \$375,000   |
|       | Priority-Need: MAJOR - QUALITY OF LIFE DEVELOPMENT DRIVEN  |            | 375,000   |         |             |
| 3PW21 | RIVER/GROH/CHATEAU PROJECT - R/W                           | Source(s): | 401       |         | \$50,000    |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL        |            | 50,000    |         |             |
| 3PW22 | GUARDRAIL IMPROVEMENT PROJECT                              | Source(s): | 402       |         | \$75,000    |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL         |            | 75,000    |         |             |
| 3PW23 | SIDEWALK AND CURB RAMP UPGRADES                            | Source(s): | 401       | CDBG    | \$150,000   |
|       | Priority-Need: MINOR-QUALITY OF LIFE DEVELOPMENT DRIVEN    |            | 30,000    | 120,000 |             |
| 3PW24 | S GILMORE (RESOR-MACK) R/W                                 | Source(s): | 401       | FED     | \$250,000   |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL         |            | 75,000    | 175,000 |             |
| 3PW33 | 275/GILMORE LANDSCAPING-CONSTRUCT                          | Source(s): | 402       |         | \$150,000   |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL         |            | 150,000   |         |             |
| 3PW40 | STREET LIGHT REPLACEMENT PROJECT                           | Source(s): | 402       |         | \$175,000   |
|       | Priority-Need: MAJOR-IMPROVE EFFICIENCY SERVICE LEVEL      |            | 175,000   |         |             |
| 3PW42 | SCHOOL FLASHER REPLACEMENT                                 | Source(s): | 205       |         | \$10,000    |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL        |            | 10,000    |         |             |
| 3PW43 | VIDEO/RADAR DETECTION UPGRADES                             | Source(s): | 205       |         | \$25,000    |
|       | Priority-Need: MINOR-IMPROVE EFFICIENCY SERVICE LEVEL      |            | 25,000    |         |             |
| 3PW44 | ROUTE 4 AND SEWARD PROJECT                                 | Source(s): | 402       |         | \$350,000   |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL        |            | 350,000   |         |             |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



## 2020-2024 Capital Improvement Program Summary Report by Department

|       |                                                        |            |         |         |           |
|-------|--------------------------------------------------------|------------|---------|---------|-----------|
| 3PW46 | TRAFFIC SIGNAL SPAN TO MAST - ENG                      | Source(s): | 205     |         | \$50,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL    |            | 50,000  |         |           |
| 3PW51 | STREAM/RIVER EROSION CONTROL                           | Source(s): | 402     | STATE   | \$300,000 |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL    |            | 190,000 | 110,000 |           |
| 3PW53 | STORM SEWER LINING (VARIOUS)                           | Source(s): | 402     |         | \$100,000 |
|       | Priority-Need: CRITICAL-MAINTAIN CURRENT SERVICE LEVEL |            | 100,000 |         |           |

**\$6,132,500**

### 2024

|       |                                                            |            |           |         |             |
|-------|------------------------------------------------------------|------------|-----------|---------|-------------|
| 4PW01 | SIDEWALK INSTALLATION GAP PROGRAM                          | Source(s): | 100       |         | \$50,000    |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 50,000    |         |             |
| 4PW02 | TRAFFIC ENGINEERING / SPARE PARTS                          | Source(s): | 205       |         | \$25,000    |
|       | Priority-Need: MAJOR - IMPROVE EFFICIENCY SERVICE LEVEL    |            | 25,000    |         |             |
| 4PW03 | DRAINAGE IMPROVEMENTS (CONTRACTED)                         | Source(s): | 402       |         | \$100,000   |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 100,000   |         |             |
| 4PW04 | DRAINAGE IMPROVEMENTS (IN HOUSE)                           | Source(s): | 402       |         | \$105,000   |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL        |            | 105,000   |         |             |
| 4PW06 | ANNUAL STREET PAVING PROGRAM                               | Source(s): | 401       |         | \$1,800,000 |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 1,800,000 |         |             |
| 4PW07 | ANNUAL CONCRETE PROGRAM                                    | Source(s): | 401       |         | \$900,000   |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 900,000   |         |             |
| 4PW08 | LANDSCAPE MAINTENANCE PROGRAM                              | Source(s): | 402       |         | \$185,000   |
|       | Priority-Need: MAJOR-QUALITY OF LIFE DEVELOPMENT DRIVEN    |            | 185,000   |         |             |
| 4PW09 | PAVEMENT MARKING PROGRAM                                   | Source(s): | 401       |         | \$125,000   |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 125,000   |         |             |
| 4PW10 | GEOTECHNICAL EXPLORATION & TESTING                         | Source(s): | 401       |         | \$10,000    |
|       | Priority-Need: CRITICAL - IMPROVE EFFICIENCY SERVICE LEVEL |            | 10,000    |         |             |
| 4PW11 | STREET LIGHT INSTALLATION                                  | Source(s): | 402       |         | \$7,500     |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL         |            | 7,500     |         |             |
| 4PW12 | PARKING LOT MAINTENANCE PROGRAM                            | Source(s): | 402       |         | \$50,000    |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 50,000    |         |             |
| 4PW13 | STREET MAINTENANCE - CRACK SEALING                         | Source(s): | 401       |         | \$30,000    |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL      |            | 30,000    |         |             |
| 4PW14 | DRYWELL CLEANING                                           | Source(s): | 401       |         | \$10,000    |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 10,000    |         |             |
| 4PW15 | CCTV REPLACEMENT                                           | Source(s): | 205       | 211     | \$10,000    |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL         |            | 5,000     | 5,000   |             |
| 4PW16 | SIDEWALK/APRON PROGRAM                                     | Source(s): | 100       |         | \$375,000   |
|       | Priority-Need: MAJOR - QUALITY OF LIFE DEVELOPMENT DRIVEN  |            | 375,000   |         |             |
| 4PW21 | RIVER/GROH/CHATEAU - CONSTRUCTION                          | Source(s): | 410       | 402     | \$1,500,000 |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL        |            | 700,000   | 500,000 | 300,000     |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



## 2020-2024 Capital Improvement Program Summary Report by Department

|       |                                                                    |            |         |           |         |                           |
|-------|--------------------------------------------------------------------|------------|---------|-----------|---------|---------------------------|
| 4PW22 | S GILMORE (RESOR-MACK) CONSTRUCTION                                | Source(s): | 401     | FED       | 410     | \$3,130,225               |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL                 |            | 339,068 | 2,191,158 | 600,000 |                           |
| 4PW23 | SIDEWALK AND TRAIL CONNECTIONS                                     | Source(s): | 402     | CDBG      |         | \$150,000                 |
|       | Priority-Need: MINOR-QUALITY OF LIFE DEVELOPMENT DRIVEN            |            | 30,000  | 120,000   |         |                           |
| 4PW25 | BRIDGE PAINTING - 275                                              | Source(s): | 401     | LOCAL     |         | \$220,000                 |
|       | Priority-Need: MINOR - CURRENT                                     |            | 110,000 | 110,000   |         |                           |
| 4PW26 | BRIDGE PAINTING - ROUTE 4/CSX                                      | Source(s): | 402     | LOCAL     |         | \$350,000                 |
|       | Priority-Need: MINOR - QUALITY OF LIFE                             |            | 250,000 | 100,000   |         |                           |
| 4PW41 | TRAFFIC SIGNAL SPAN - MAST CONST                                   | Source(s): | 205     | 401       |         | \$250,000                 |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL                |            | 200,000 | 50,000    |         |                           |
| 4PW45 | TYLERSVILLE AND SEWARD CABINET                                     | Source(s): | 205     |           |         | \$25,000                  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL                |            | 25,000  |           |         |                           |
| 4PW51 | BOYMEL AND KOHN DRAINAGE                                           | Source(s): | 402     |           |         | \$210,000                 |
|       | Priority-Need: MINOR-PUBLIC/PRIVATE PARTNERSHIP DEVELOPMENT DRIVEN |            | 210,000 |           |         |                           |
| 4PW54 | PLEASANT RUN CREEK FLOW MONITORING                                 | Source(s): | 402     |           |         | \$35,000                  |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL                 |            | 35,000  |           |         |                           |
|       |                                                                    |            |         |           |         | <b><u>\$9,652,725</u></b> |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



# 2020-2024 Capital Improvement Program Summary Report by Department

430

## 2020

|       |                                                     |            |         |        |                           |
|-------|-----------------------------------------------------|------------|---------|--------|---------------------------|
| 0FT22 | REPLACEMENT OF PICKUP TRUCKS(WATER)                 | Source(s): | 605     | 624    | \$75,000                  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 56,884  | 18,116 |                           |
| 0FT41 | REPLACEMENT OF TRUCK (SEWER)                        | Source(s): | 624     |        | \$55,000                  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 55,000  |        |                           |
| 0FT51 | REPLACEMENT OF TRUCK (PARKS)                        | Source(s): | 402     |        | \$40,000                  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 40,000  |        |                           |
| 0FT63 | REPLACEMENT OF MOWER (STREETS)                      | Source(s): | 402     |        | \$10,000                  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 10,000  |        |                           |
| 0FT68 | UPGRADES TO 2 WAY RADIO SYSTEM (PW)                 | Source(s): | 402     |        | \$10,000                  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 10,000  |        |                           |
| 0FT71 | REPLACEMENT OF PATROL VEHICLES (PD)                 | Source(s): | 402     |        | \$210,000                 |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL |            | 210,000 |        |                           |
| 0FT74 | REPLACEMENT OF STAFF VEHICLES (PD)                  | Source(s): | 402     |        | \$35,000                  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 35,000  |        |                           |
| 0FT84 | REPLACEMENT OF FIRE TRUCK (FIRE)                    | Source(s): | 402     |        | \$630,000                 |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL |            | 630,000 |        |                           |
| 0FT85 | REPLACEMENT OF AMBULANCE (FIRE)                     | Source(s): | 402     |        | \$300,000                 |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL |            | 300,000 |        |                           |
|       |                                                     |            |         |        | <b><u>\$1,365,000</u></b> |

## 2021

|       |                                                      |            |         |  |           |
|-------|------------------------------------------------------|------------|---------|--|-----------|
| 1FT02 | REPLACEMENT STAFF VEHICLES (ENG/CS)                  | Source(s): | 402     |  | \$35,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL  |            | 35,000  |  |           |
| 1FT24 | REPLACE HYSTER FORK TRUCK (WATER)                    | Source(s): | 605     |  | \$30,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL  |            | 30,000  |  |           |
| 1FT33 | REPLACEMENT STAFF VEHICLE (PW)                       | Source(s): | 402     |  | \$30,000  |
|       | Priority-Need: MINOR- MAINTAIN CURRENT SERVICE LEVEL |            | 30,000  |  |           |
| 1FT34 | REPLACE CASE BACKHOE (STREETS)                       | Source(s): | 402     |  | \$100,000 |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL  |            | 100,000 |  |           |
| 1FT41 | REPLACEMENT OF TRUCKS (SEWER)                        | Source(s): | 624     |  | \$110,000 |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL  |            | 110,000 |  |           |
| 1FT45 | REPLACE SEWER VACUUM TRUCK                           | Source(s): | 624     |  | \$350,000 |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL  |            | 350,000 |  |           |
| 1FT51 | REPLACEMENT OF PICKUP TRUCK (PARKS)                  | Source(s): | 402     |  | \$40,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL  |            | 40,000  |  |           |
| 1FT61 | REPLACEMENT OF SNOW TRUCKS (STREET)                  | Source(s): | 402     |  | \$360,000 |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL  |            | 360,000 |  |           |
| 1FT62 | REPLACE PICKUP TRUCK (STREETS)                       | Source(s): | 402     |  | \$55,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL  |            | 55,000  |  |           |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



## 2020-2024 Capital Improvement Program Summary Report by Department

|       |                                                     |            |         |           |
|-------|-----------------------------------------------------|------------|---------|-----------|
| 1FT67 | REPLACE CASE LOADER(STREET)                         | Source(s): | 402     | \$190,000 |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 190,000 |           |
| 1FT71 | REPLACEMENT OF PATROL VEHICLES (PD)                 | Source(s): | 402     | \$210,000 |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL |            | 210,000 |           |
| 1FT74 | REPLACEMENT OF STAFF VEHICLES (PD)                  | Source(s): | 402     | \$60,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 60,000  |           |
| 1FT81 | REPLACEMENT OF STAFF VEHICLE(FIRE)                  | Source(s): | 402     | \$55,000  |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL |            | 55,000  |           |

**\$1,625,000**

### 2022

|       |                                                     |            |         |           |
|-------|-----------------------------------------------------|------------|---------|-----------|
| 2FT01 | REPLACEMENT OF STAFF VEHICLES(BLDG)                 | Source(s): | 402     | \$55,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 55,000  |           |
| 2FT02 | REPLACE STAFF VEHICLE (PW)                          | Source(s): | 402     | \$35,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 35,000  |           |
| 2FT03 | REPLACEMENT OF STAFF VEHICLES(BLDG)                 | Source(s): | 402     | \$25,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 25,000  |           |
| 2FT04 | REPLACEMENT OF STAFF VEH (COURT)                    | Source(s): | 402     | \$25,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 25,000  |           |
| 2FT27 | REPLACE BACK HOE (WATER)                            | Source(s): | 605     | \$100,000 |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 100,000 |           |
| 2FT36 | REPLACE LEAF MACHINES                               | Source(s): | 402     | \$40,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 40,000  |           |
| 2FT37 | REPLACE WOOD CHIPPER (STREETS)                      | Source(s): | 402     | \$40,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 40,000  |           |
| 2FT38 | REPLACE BRUSH PICKUP TRUCK (STREET)                 | Source(s): | 402     | \$100,000 |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 100,000 |           |
| 2FT51 | REPLACEMENT OF TRUCK (PARKS)                        | Source(s): | 402     | \$40,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 40,000  |           |
| 2FT61 | REPLACE SNOW TRUCKS (STREETS)                       | Source(s): | 402     | \$350,000 |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL |            | 350,000 |           |
| 2FT62 | REPLACE PICKUP TRUCKS(STREETS)                      | Source(s): | 402     | \$210,000 |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 210,000 |           |
| 2FT65 | REPLACE HYSTER FORK TRUCK                           | Source(s): | 402     | \$30,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 30,000  |           |
| 2FT69 | REPLACE ROAD PATCHER (STREET)                       | Source(s): | 402     | \$180,000 |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 180,000 |           |
| 2FT71 | REPLACEMENT OF PATROL VEHICLES (PD)                 | Source(s): | 402     | \$210,000 |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL |            | 210,000 |           |
| 2FT74 | REPLACEMENT OF STAFF VEHICLES (PD)                  | Source(s): | 402     | \$60,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 60,000  |           |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



## 2020-2024 Capital Improvement Program Summary Report by Department

2FT85 REPLACEMENT OF AMBULANCE (FIRE)  
Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 402  
300,000

\$300,000

**\$1,800,000**

### 2023

3FT01 REPLACE ALL TERRAIN VEHICLE (STR)  
Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 402  
30,000

\$30,000

3FT02 REPLACEMENT STAFF VEHICLES (ENG/CS)  
Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 402  
35,000

\$35,000

3FT45 REPLACEMENT OF FORKLIFT  
Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 624  
30,000

\$30,000

3FT61 REPLACE SNOW TRUCK (STREETS)  
Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 402  
180,000

\$180,000

3FT62 REPLACE PICKUP TRUCK (STREETS)  
Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 402  
130,000

\$130,000

3FT64 REPLACE FORD TRACTOR (STREETS)  
Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 402  
90,000

\$90,000

3FT65 REPLACE LEAF MACHINE (STREETS)  
Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 402  
50,000

\$50,000

3FT66 REPLACE FLOOR SCRUBBER (STREETS)  
Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 402  
45,000

\$45,000

3FT67 REPLACEMENT OF MOWERS (STREETS)  
Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 402  
15,000

\$15,000

3FT71 REPLACEMENT OF PATROL VEHICLES (PD)  
Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 402  
220,000

\$220,000

3FT73 REPLACEMENT OF PRISONER VAN (PD)  
Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 402  
50,000

\$50,000

3FT74 REPLACEMENT OF STAFF VEHICLES (PD)  
Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 402  
40,000

\$40,000

3FT86 REPLACEMENT OF RESCUE VEH (FIRE)  
Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 402  
350,000

\$350,000

**\$1,265,000**

### 2024

4FT22 REPLACEMENT OF PICKUP TRUCK (WATER)  
Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 605  
35,000

\$35,000

4FT41 REPLACEMENT OF VEHICLES (SEWER)  
Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 624  
60,000

\$60,000

4FT60 REPLACE TRACTOR (STREET)  
Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 402  
100,000

\$100,000

4FT61 REPLACE SNOW TRUCK (STREETS)  
Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL

Source(s): 402  
180,000

\$180,000

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)





# 2020-2024 Capital Improvement Program Summary Report by Department

|       |                                                     |            |         |                  |
|-------|-----------------------------------------------------|------------|---------|------------------|
| 4FT62 | REPLACE PICKUP TRUCK (STREETS)                      | Source(s): | 402     | \$110,000        |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 110,000 |                  |
| 4FT64 | REPLACE CAT TRACK LOADER (STREET)                   | Source(s): | 402     | \$180,000        |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL |            | 180,000 |                  |
| 4FT71 | REPLACEMENT OF PATROL VEHICLES (PD)                 | Source(s): | 402     | \$165,000        |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL |            | 165,000 |                  |
| 4FT74 | REPLACEMENT OF STAFF VEHICLES (PD)                  | Source(s): | 402     | \$60,000         |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL |            | 60,000  |                  |
| 4FT81 | REPLACE ALS VEHICLE (FIRE)                          | Source(s): | 402     | \$50,000         |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL |            | 50,000  |                  |
|       |                                                     |            |         | <b>\$940,000</b> |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



# 2020-2024 Capital Improvement Program Summary Report by Department

510

## 2020

|       |                                                            |            |           |         |         |                           |
|-------|------------------------------------------------------------|------------|-----------|---------|---------|---------------------------|
| OPR01 | COMMUNITY ARTS CENTER                                      | Source(s): | 402       |         |         | \$78,000                  |
|       | Priority-Need: MAJOR - IMPROVE CURRENT SERVICE LEVEL       |            | 78,000    |         |         |                           |
| OPR02 | VILLAGE GREEN PARK/TOWN CENTER                             | Source(s): | 411       |         |         | \$20,000                  |
|       | Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE LEVEL    |            | 20,000    |         |         |                           |
| OPR03 | PLAYGROUND EQUIPMENT                                       | Source(s): | 206       |         |         | \$40,000                  |
|       | Priority-Need: MAJOR - QUALITY OF LIFE DEVELOPMENT DRIVEN  |            | 40,000    |         |         |                           |
| OPR04 | CONNECTIVITY AND OVERLAY PROGRAM                           | Source(s): | 206       | 402     |         | \$130,000                 |
|       | Priority-Need: MINOR - QUALITY OF LIFE; DEVELOPMENT DRIVEN |            | 40,000    | 90,000  |         |                           |
| OPR05 | PARKS AND REC SOFTWARE UPGRADES                            | Source(s): | 402       |         |         | \$55,000                  |
|       | Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE LEVEL    |            | 55,000    |         |         |                           |
| OPR09 | REPLACEMENT OF PARK SITE AMENITIES                         | Source(s): | 402       |         |         | \$30,000                  |
|       | Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE LEVEL    |            | 30,000    |         |         |                           |
| OPR10 | HARBIN PARK RENOVATIONS                                    | Source(s): | 413       | STATE   | DONOR   | \$2,000,000               |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN  |            | 1,000,000 | 550,000 | 450,000 |                           |
| OPR11 | HARBIN PARK PHASE I (LOOP TRAIL)                           | Source(s): | 413       | STATE   |         | \$400,000                 |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN  |            | 200,000   | 200,000 |         |                           |
| OPR13 | PARKS EQUIPMENT                                            | Source(s): | 402       |         |         | \$15,000                  |
|       | Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE LEVEL    |            | 15,000    |         |         |                           |
| OPR15 | HUFFMAN PARK FOUNDATION IMPROVEMENT                        | Source(s): | 413       | DONOR   |         | \$500,000                 |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 0         | 500,000 |         |                           |
| OPR21 | FACILITIES MAINTENANCE                                     | Source(s): | 402       |         |         | \$30,000                  |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 30,000    |         |         |                           |
| OPR25 | LANDSCAPING UPDATES - PARKS                                | Source(s): | 402       |         |         | \$12,500                  |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 12,500    |         |         |                           |
|       |                                                            |            |           |         |         | <b><u>\$3,310,500</u></b> |

## 2021

|       |                                                         |            |         |  |  |           |
|-------|---------------------------------------------------------|------------|---------|--|--|-----------|
| 1PR01 | COMMUNITY ARTS CENTER                                   | Source(s): | 402     |  |  | \$50,000  |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL    |            | 50,000  |  |  |           |
| 1PR02 | VILLAGE GREEN PARK/TOWN CENTER                          | Source(s): | 411     |  |  | \$25,000  |
|       | Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE LEVEL |            | 25,000  |  |  |           |
| 1PR04 | CONNECTIVITY AND OVERLAY PROGRAM                        | Source(s): | 402     |  |  | \$30,000  |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL   |            | 30,000  |  |  |           |
| 1PR07 | PARKS MAINTENANCE BUILDING EXPANSIO                     | Source(s): | 402     |  |  | \$250,000 |
|       | Priority-Need: MAJOR - IMPROVE CURRENT SERVICE LEVEL    |            | 250,000 |  |  |           |
| 1PR09 | REPLACEMENT OF PARK SITE AMENITIES                      | Source(s): | 402     |  |  | \$25,000  |
|       | Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE LEVEL |            | 25,000  |  |  |           |
| 1PR13 | PARKS EQUIPMENT                                         | Source(s): | 402     |  |  | \$80,000  |
|       | Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE LEVEL |            | 80,000  |  |  |           |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



## 2020-2024 Capital Improvement Program Summary Report by Department

|       |                                                           |            |        |                  |
|-------|-----------------------------------------------------------|------------|--------|------------------|
| 1PR18 | OAKWOOD PARK IMPROVEMENTS                                 | Source(s): | 402    | \$5,000          |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 5,000  |                  |
| 1PR19 | PEDESTRIAN BRIDGES RENOVATIONS                            | Source(s): | 206    | \$20,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL     |            | 20,000 |                  |
| 1PR21 | FACILITIES MAINTENANCE                                    | Source(s): | 402    | \$50,000         |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL      |            | 50,000 |                  |
| 1PR22 | WHEELER PROPERTY                                          | Source(s): | 413    | \$350,000        |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL      |            | 0      | DONOR<br>350,000 |
|       |                                                           |            |        | <b>\$885,000</b> |

### 2022

|       |                                                           |            |         |                    |
|-------|-----------------------------------------------------------|------------|---------|--------------------|
| 2PR01 | COMMUNITY ARTS CENTER                                     | Source(s): | 402     | \$150,000          |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL      |            | 150,000 |                    |
| 2PR02 | VILLAGE GREEN PARK/TOWN CENTER                            | Source(s): | 411     | \$10,000           |
|       | Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE LEVEL   |            | 10,000  |                    |
| 2PR03 | PLAYGROUND EQUIPMENT                                      | Source(s): | 402     | \$150,000          |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 150,000 |                    |
| 2PR04 | CONNECTIVITY AND OVERLAY PROGRAM                          | Source(s): | 402     | \$30,000           |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL     |            | 30,000  |                    |
| 2PR06 | GRANGE PARK/SOCCER PARKING LOT                            | Source(s): | 402     | \$175,000          |
|       | Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE LEVEL   |            | 175,000 |                    |
| 2PR09 | REPLACEMENT OF PARK SITE AMENITIES                        | Source(s): | 402     | \$25,000           |
|       | Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE LEVEL   |            | 25,000  |                    |
| 2PR10 | HARBIN PARK RENOVATIONS                                   | Source(s): | 402     | \$75,000           |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 75,000  |                    |
| 2PR13 | PARKS EQUIPMENT                                           | Source(s): | 402     | \$50,000           |
|       | Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE DRIVEN  |            | 50,000  |                    |
| 2PR14 | GREAT MIAMI RIVER PATH EXTENSION                          | Source(s): | 402     | \$20,000           |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 20,000  |                    |
| 2PR16 | OAKWOOD PARK IMPROVEMENTS                                 | Source(s): | 402     | \$200,000          |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 200,000 |                    |
| 2PR17 | PLEASANT RUN CREEK BIKE/HIKE PATH                         | Source(s): | 402     | \$25,000           |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 25,000  |                    |
| 2PR18 | CREEKSIDE PARK IMPROVEMENTS                               | Source(s): | 402     | \$25,000           |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 25,000  |                    |
| 2PR19 | YOUTH FB FIELD/TRAILHEAD RESTROOMS                        | Source(s): | 402     | \$250,000          |
|       | Priority-Need: MINOR - QUALITY OF LIFE                    |            | 250,000 |                    |
| 2PR21 | FACILITIES MAINTENANCE                                    | Source(s): | 402     | \$50,000           |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL      |            | 50,000  |                    |
| 2PR24 | SECURITY UPGRADES / CAMERAS                               | Source(s): | 402     | \$45,000           |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL      |            | 45,000  |                    |
|       |                                                           |            |         | <b>\$1,280,000</b> |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



## 2020-2024 Capital Improvement Program Summary Report by Department

### 2023

|       |                                                           |            |         |                           |
|-------|-----------------------------------------------------------|------------|---------|---------------------------|
| 3PR01 | COMMUNITY ARTS CENTER                                     | Source(s): | 402     | \$85,000                  |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL      |            | 85,000  |                           |
| 3PR02 | VILLAGE GREEN PARK/TOWN CENTER                            | Source(s): | 411     | \$15,000                  |
|       | Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE LEVEL   |            | 15,000  |                           |
| 3PR03 | PLAYGROUND EQUIPMENT                                      | Source(s): | 402     | \$50,000                  |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 50,000  |                           |
| 3PR04 | CONNECTIVITY AND OVERLAY PROGRAM                          | Source(s): | 402     | \$30,000                  |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL     |            | 30,000  |                           |
| 3PR06 | GRANGE PARK/JOE NUXHALL RENOVATIONS                       | Source(s): | 413     | \$175,000                 |
|       | Priority-Need: MINOR                                      |            | 50,000  | STATE 125,000             |
| 3PR09 | REPLACEMENT OF PARK SITE AMENITIES                        | Source(s): | 402     | \$25,000                  |
|       | Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE LEVEL   |            | 25,000  |                           |
| 3PR10 | HARBIN PARK RENOVATIONS                                   | Source(s): | 402     | \$750,000                 |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 750,000 |                           |
| 3PR11 | MARSH PARK IMPROVEMENTS                                   | Source(s): | 413     | \$75,000                  |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 75,000  |                           |
| 3PR13 | PARKS EQUIPMENT                                           | Source(s): | 402     | \$50,000                  |
|       | Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE DRIVEN  |            | 50,000  |                           |
| 3PR14 | GREAT MIAMI RIVER PATH EXTENSION                          | Source(s): | 402     | \$200,000                 |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 200,000 |                           |
| 3PR16 | OAKWOOD PARK IMPROVEMENTS                                 | Source(s): | 402     | \$200,000                 |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 200,000 |                           |
| 3PR17 | PLEASANT RUN CREEK BIKE/HIKE PATH                         | Source(s): | 402     | \$250,000                 |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 250,000 |                           |
| 3PR21 | FACILITIES MAINTENANCE                                    | Source(s): | 402     | \$50,000                  |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL      |            | 50,000  |                           |
|       |                                                           |            |         | <b><u>\$1,955,000</u></b> |

### 2024

|       |                                                           |            |        |          |
|-------|-----------------------------------------------------------|------------|--------|----------|
| 4PR01 | COMMUNITY ARTS CENTER                                     | Source(s): | 402    | \$50,000 |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL      |            | 50,000 |          |
| 4PR02 | VILLAGE GREEN PARK/TOWN CENTER                            | Source(s): | 411    | \$15,000 |
|       | Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE LEVEL   |            | 15,000 |          |
| 4PR03 | PLAYGROUND EQUIPMENT                                      | Source(s): | 402    | \$50,000 |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 50,000 |          |
| 4PR04 | CONNECTIVITY AND OVERLAY PROGRAM                          | Source(s): | 402    | \$30,000 |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL     |            | 30,000 |          |
| 4PR09 | REPLACEMENT OF PARK SITE AMENITIES                        | Source(s): | 402    | \$25,000 |
|       | Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE LEVEL   |            | 25,000 |          |
| 4PR10 | HARBIN PARK RENOVATIONS                                   | Source(s): | 402    | \$75,000 |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 75,000 |          |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)

# 2020-2024 Capital Improvement Program Summary Report by Department



4PR11 MARSH PARK IMPROVEMENTS  
Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN  
4PR13 PARKS EQUIPMENT  
Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE DRIVEN  
4PR14 GREAT MIAMI RIVER PATH EXTENSION  
Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN  
4PR21 FACILITIES MAINTENANCE  
Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL

|            |         |         |
|------------|---------|---------|
| Source(s): | 402     |         |
|            | 750,000 |         |
| Source(s): | 402     |         |
|            | 50,000  |         |
| Source(s): | 402     | FED     |
|            | 400,000 | 700,000 |
| Source(s): | 402     |         |
|            | 50,000  |         |

|                           |
|---------------------------|
| \$750,000                 |
| \$50,000                  |
| \$1,100,000               |
| \$50,000                  |
| <u><u>\$2,195,000</u></u> |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



# 2020-2024 Capital Improvement Program Summary Report by Department

520

## 2020

|       |                                                       |            |        |                  |
|-------|-------------------------------------------------------|------------|--------|------------------|
| ORC01 | BEAUTIFICATION/LANDSCAPING                            | Source(s): | 402    | \$15,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 15,000 |                  |
| ORC02 | GOLF COURSE IMPROVEMENTS & MAINT                      | Source(s): | 402    | \$35,000         |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL |            | 35,000 |                  |
| ORC04 | MOWERS/EQUIPMENT REPLACEMENT                          | Source(s): | 402    | \$75,000         |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL |            | 75,000 |                  |
| ORC10 | AQUATIC CENTER IMPROVEMENTS & MAINT                   | Source(s): | 402    | \$20,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 20,000 |                  |
| ORC11 | GOLF COURSE SIGNAGE                                   | Source(s): | 640    | \$50,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 50,000 |                  |
| ORC12 | SOUTH TRACE CONCESSION RENOVATION                     | Source(s): | 640    | \$75,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 75,000 |                  |
| ORC14 | SOUTH TRACE A/V UPGRADES                              | Source(s): | 640    | \$18,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 18,000 |                  |
| ORC15 | OUTDOOR TABLES AND CHAIRS                             | Source(s): | 640    | \$55,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 55,000 |                  |
|       |                                                       |            |        | <b>\$343,000</b> |

## 2021

|       |                                                       |            |        |                  |
|-------|-------------------------------------------------------|------------|--------|------------------|
| 1RC01 | BEAUTIFICATION/LANDSCAPING                            | Source(s): | 402    | \$50,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 50,000 |                  |
| 1RC02 | GOLF COURSE IMPROVEMENTS & MAINT                      | Source(s): | 402    | \$75,000         |
|       | Priority-Need: MAJOR - IMPROVE CURRENT SERVICE LEVEL  |            | 75,000 |                  |
| 1RC03 | BLACKTOP/OVERLAY                                      | Source(s): | 640    | \$10,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 10,000 |                  |
| 1RC04 | MOWERS/EQUIPMENT REPLACEMENT                          | Source(s): | 402    | \$50,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 50,000 |                  |
| 1RC10 | AQUATIC CENTER IMPROVEMENTS & MAINT                   | Source(s): | 640    | \$25,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 25,000 |                  |
|       |                                                       |            |        | <b>\$210,000</b> |

## 2022

|       |                                                       |            |        |          |
|-------|-------------------------------------------------------|------------|--------|----------|
| 2RC01 | BEAUTIFICATION/LANDSCAPING                            | Source(s): | 402    | \$50,000 |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 50,000 |          |
| 2RC03 | BLACKTOP/OVERLAY                                      | Source(s): | 640    | \$10,000 |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 10,000 |          |
| 2RC04 | MOWERS/EQUIPMENT REPLACEMENT                          | Source(s): | 402    | \$50,000 |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 50,000 |          |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)





## 2020-2024 Capital Improvement Program Summary Report by Department

|       |                                                           |            |         |                  |
|-------|-----------------------------------------------------------|------------|---------|------------------|
| 2RC05 | GOLF COURSE MAINTENANCE EXPANSION                         | Source(s): | 402     | \$300,000        |
|       | Priority-Need: MINOR - IMPROVE LIFE USE OF EQUIPMENT      |            | 300,000 |                  |
| 2RC06 | GOLF COURSE WATER MAIN REPLACEMENT                        | Source(s): | 402     | \$375,000        |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 375,000 |                  |
| 2RC13 | SOUTH TRACE PATIO EXPANSION                               | Source(s): | 402     | \$150,000        |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL     |            | 150,000 |                  |
|       |                                                           |            |         | <b>\$935,000</b> |

### 2023

|       |                                                           |            |        |                  |
|-------|-----------------------------------------------------------|------------|--------|------------------|
| 3RC01 | BEAUTIFICATION/LANDSCAPING                                | Source(s): | 402    | \$50,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL     |            | 50,000 |                  |
| 3RC02 | GOLF COURSE IMPROVEMENTS & MAINT                          | Source(s): | 640    | \$50,000         |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 50,000 |                  |
| 3RC03 | BLACKTOP/OVERLAY                                          | Source(s): | 640    | \$10,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL     |            | 10,000 |                  |
| 3RC04 | MOWERS/EQUIPMENT REPLACEMENT                              | Source(s): | 402    | \$50,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL     |            | 50,000 |                  |
|       |                                                           |            |        | <b>\$160,000</b> |

### 2024

|       |                                                           |            |        |                  |
|-------|-----------------------------------------------------------|------------|--------|------------------|
| 4RC01 | BEAUTIFICATION/LANDSCAPING                                | Source(s): | 402    | \$50,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL     |            | 50,000 |                  |
| 4RC02 | GOLF COURSE IMPROVEMENTS & MAINT                          | Source(s): | 640    | \$50,000         |
|       | Priority-Need: MINOR - QUALITY OF LIFE DEVELOPMENT DRIVEN |            | 50,000 |                  |
| 4RC03 | BLACKTOP/OVERLAY                                          | Source(s): | 640    | \$10,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL     |            | 10,000 |                  |
| 4RC04 | MOWERS/EQUIPMENT REPLACEMENT                              | Source(s): | 402    | \$50,000         |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL     |            | 50,000 |                  |
|       |                                                           |            |        | <b>\$160,000</b> |



# 2020-2024 Capital Improvement Program Summary Report by Department

601

## 2020

|       |                                                                   |            |         |           |
|-------|-------------------------------------------------------------------|------------|---------|-----------|
| OWT01 | MAINTAIN RAW WATER PRODUCTION WELLS                               | Source(s): | 605     | \$35,000  |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 35,000  |           |
| OWT02 | INSTRUMENTATION REPLACEMENT PROGRAM                               | Source(s): | 605     | \$20,000  |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL              |            | 20,000  |           |
| OWT03 | SECURITY/SURVEILLANCE                                             | Source(s): | 605     | \$5,000   |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL                |            | 5,000   |           |
| OWT04 | PUMP OVERHAUL/REPLACEMENT PROGRAM                                 | Source(s): | 605     | \$55,000  |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL              |            | 55,000  |           |
| OWT05 | REPLACE MAJOR PROCESS EQUIPMENT                                   | Source(s): | 604     | \$23,500  |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 23,500  |           |
| OWT06 | WATER PLANT CONCRETE/MASONRY REPAIR                               | Source(s): | 604     | \$15,000  |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 15,000  |           |
| OWT07 | REPLACE NON-PROCESS EQUIPMENT                                     | Source(s): | 605     | \$49,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 49,000  |           |
| OWT08 | BOOSTER STATION IMPROVEMENTS                                      | Source(s): | 604     | \$10,000  |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL                |            | 10,000  |           |
| OWT09 | REPLACE FIRE HYDRANTS                                             | Source(s): | 605     | \$15,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 15,000  |           |
| OWT10 | SMALL WATER LINE IMPROVEMENTS                                     | Source(s): | 605     | \$150,000 |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL                |            | 150,000 |           |
| OWT11 | LIME SILO FILL PIPE                                               | Source(s): | 605     | \$8,000   |
|       | Priority-Need: MAJOR-CURRENT                                      |            | 8,000   |           |
| OWT12 | WATER TANK/TOWER MAINTENANCE                                      | Source(s): | 604     | \$665,000 |
|       | Priority-Need: CRITICAL-MAINTAIN CURRENT SERVICE LEVEL            |            | 665,000 |           |
| OWT13 | WATER COMPUTER MODELING                                           | Source(s): | 407     | \$20,000  |
|       | Priority-Need: MINOR- SYSTEM OPERATION, MAINTENANCE AND PLANNING. |            | 20,000  |           |
| OWT14 | ASPHALT/CONCRETE REPLACEMENT                                      | Source(s): | 605     | \$200,000 |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 200,000 |           |
| OWT15 | BUILDING IMPROVEMENTS                                             | Source(s): | 605     | \$18,000  |
|       | Priority-Need: MINOR-IMPROVE                                      |            | 18,000  |           |
| OWT16 | ELECTRICAL IMPROVEMENTS                                           | Source(s): | 605     | \$15,000  |
|       | Priority-Need: MINOR-IMPROVE                                      |            | 15,000  |           |
| OWT17 | AUTOMATIC METER READING (AMR)                                     | Source(s): | 605     | \$125,000 |
|       | Priority-Need: MAJOR-IMPROVE EFFICIENCY SERVICE LEVEL             |            | 125,000 |           |
| OWT18 | FACILITY GROUNDS & LANDSCAPE                                      | Source(s): | 605     | \$14,000  |
|       | Priority-Need: MINOR- MAINTAIN AND IMPROVE LANDSCAPING            |            | 14,000  |           |
| OWT19 | VALVE BOXES AND COVERS                                            | Source(s): | 605     | \$15,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 15,000  |           |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



## 2020-2024 Capital Improvement Program Summary Report by Department

|       |                                                                |            |         |                           |
|-------|----------------------------------------------------------------|------------|---------|---------------------------|
| 0WT20 | FILTER MEDIA REPLACEMENT                                       | Source(s): | 605     | \$25,000                  |
|       | Priority-Need: MINOR-PUBLIC HEALTH, SAFETY OR WELFARE MANDATED |            | 25,000  |                           |
| 0WT21 | RADIO EQUIPMENT                                                | Source(s): | 605     | \$10,000                  |
|       | Priority-Need: MAJOR- PUBLIC SAFETY AND COMMUNICATION          |            | 10,000  |                           |
| 0WT22 | COUNTY INTERCONNECT PRV                                        | Source(s): | 407     | \$10,000                  |
|       | Priority-Need: MAJOR - IMPROVE CURRENT SERVICE LEVEL           |            | 10,000  |                           |
| 0WT23 | SCADA INTREGRATION                                             | Source(s): | 605     | \$35,000                  |
|       | Priority-Need: MAJOR-IMPROVE                                   |            | 35,000  |                           |
| 0WT24 | WATER PLANT PAINTING/RE-COATING                                | Source(s): | 605     | \$225,000                 |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL            |            | 225,000 |                           |
| 0WT25 | WALKWAY IMPROVEMENTS                                           | Source(s): | 605     | \$12,000                  |
|       | Priority-Need: MINOR-IMPROVE                                   |            | 12,000  |                           |
| 0WT26 | ADMINISTRATION BUILDING ROOF REPAIR                            | Source(s): | 605     | \$200,000                 |
|       | Priority-Need: MAJOR-IMPROVE                                   |            | 200,000 |                           |
| 0WT27 | CLARIFIER DESLUDGE VALVES                                      | Source(s): | 605     | \$30,000                  |
|       | Priority-Need: MAJOR-IMPROVE                                   |            | 30,000  |                           |
|       |                                                                |            |         | <b><u>\$2,004,500</u></b> |

### 2021

|       |                                                      |            |         |           |
|-------|------------------------------------------------------|------------|---------|-----------|
| 1WT01 | MAINTAIN RAW WATER PRODUCTION WELLS                  | Source(s): | 605     | \$55,000  |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL  |            | 55,000  |           |
| 1WT02 | INSTRUMENTATION REPLACEMENT PROGRAM                  | Source(s): | 605     | \$20,000  |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL |            | 20,000  |           |
| 1WT03 | SECURITY/SURVEILLANCE                                | Source(s): | 605     | \$5,000   |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL   |            | 5,000   |           |
| 1WT04 | PUMP OVERHAUL/REPLACEMENT PROGRAM                    | Source(s): | 605     | \$120,000 |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL |            | 120,000 |           |
| 1WT05 | REPLACE MAJOR PROCESS EQUIPMENT                      | Source(s): | 604     | \$100,000 |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL  |            | 100,000 |           |
| 1WT06 | WATER PLANT CONCRETE/MASONRY REPAIR                  | Source(s): | 604     | \$25,000  |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL  |            | 25,000  |           |
| 1WT07 | REPLACE NON-PROCESS EQUIPMENT                        | Source(s): | 605     | \$7,000   |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL  |            | 7,000   |           |
| 1WT08 | BOOSTER STATION IMPROVEMENTS                         | Source(s): | 604     | \$35,000  |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL   |            | 35,000  |           |
| 1WT09 | REPLACE FIRE HYDRANTS                                | Source(s): | 605     | \$15,000  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL  |            | 15,000  |           |
| 1WT10 | SMALL WATER LINE IMPROVEMENTS                        | Source(s): | 605     | \$150,000 |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL   |            | 150,000 |           |
| 1WT11 | DISTRIBUTION SYSTEM IMPROVEMENTS                     | Source(s): | 604     | \$950,000 |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL   |            | 0       |           |
|       |                                                      |            | DEBT    |           |
|       |                                                      |            | 950,000 |           |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



## 2020-2024 Capital Improvement Program Summary Report by Department

|       |                                                                   |            |         |                           |
|-------|-------------------------------------------------------------------|------------|---------|---------------------------|
| 1WT12 | WATER TANK/TOWER MAINTENANCE                                      | Source(s): | 604     | \$50,000                  |
|       | Priority-Need: CRITICAL-MAINTAIN CURRENT SERVICE LEVEL            |            | 50,000  |                           |
| 1WT13 | WATER COMPUTER MODELING                                           | Source(s): | 407     | \$20,000                  |
|       | Priority-Need: MINOR- SYSTEM OPERATION, MAINTENANCE AND PLANNING. |            | 20,000  |                           |
| 1WT14 | ASPHALT/CONCRETE REPLACEMENT                                      | Source(s): | 605     | \$85,000                  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 85,000  |                           |
| 1WT15 | BUILDING IMPROVEMENTS                                             | Source(s): | 604     | \$35,000                  |
|       | Priority-Need: MINOR-IMPROVE                                      |            | 35,000  |                           |
| 1WT16 | ELECTRICAL IMPROVEMENTS                                           | Source(s): | 604     | \$40,000                  |
|       | Priority-Need: MINOR-IMPROVE                                      |            | 40,000  |                           |
| 1WT17 | AUTOMATIC METER READING (AMR)                                     | Source(s): | 604     | \$125,000                 |
|       | Priority-Need: MAJOR-IMPROVE EFFICIENCY SERVICE LEVEL             |            | 125,000 |                           |
| 1WT18 | FACILITY GROUNDS LANDSCAPE                                        | Source(s): | 605     | \$7,500                   |
|       | Priority-Need: MINOR- MAINTAIN AND IMPROVE LANDSCAPING            |            | 7,500   |                           |
| 1WT19 | VALVE BOXES AND COVERS                                            | Source(s): | 605     | \$15,000                  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 15,000  |                           |
| 1WT20 | FILTER MEDIA REPLACEMENT                                          | Source(s): | 605     | \$25,000                  |
|       | Priority-Need: MINOR-PUBLIC HEALTH, SAFETY OR WELFARE MANDATED    |            | 25,000  |                           |
| 1WT21 | RADIO REPLACEMENT                                                 | Source(s): | 605     | \$5,000                   |
|       | Priority-Need: MAJOR- PUBLIC SAFETY AND COMMUNICATION             |            | 5,000   |                           |
| 1WT22 | COUNTY INTERCONNECT PRV                                           | Source(s): | 407     | \$100,000                 |
|       | Priority-Need: MAJOR - IMPROVE CURRENT SERVICE LEVEL              |            | 100,000 |                           |
| 1WT23 | SCADA INTREGRATION                                                | Source(s): | 605     | \$35,000                  |
|       | Priority-Need: MAJOR-IMPROVE                                      |            | 35,000  |                           |
| 1WT24 | CLARIFIER REHABILITATION                                          | Source(s): | 605     | \$30,000                  |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 30,000  |                           |
| 1WT25 | FORK LIFT                                                         | Source(s): | 605     | \$7,000                   |
|       | Priority-Need: MINOR-IMPROVE                                      |            | 7,000   |                           |
|       |                                                                   |            |         | <b><u>\$2,061,500</u></b> |

### 2022

|       |                                                            |            |         |           |
|-------|------------------------------------------------------------|------------|---------|-----------|
| 2WT01 | MAINTAIN RAW WATER PRODUCTION WELLS                        | Source(s): | 605     | \$50,000  |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL        |            | 50,000  |           |
| 2WT02 | INSTRUMENTATION REPLACEMENT PROGRAM                        | Source(s): | 605     | \$40,000  |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 40,000  |           |
| 2WT03 | SECURITY/SURVEILLANCE                                      | Source(s): | 605     | \$25,000  |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL         |            | 25,000  |           |
| 2WT04 | PUMP OVERHAUL/REPLACEMENT PROGRAM                          | Source(s): | 605     | \$100,000 |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL       |            | 100,000 |           |
| 2WT05 | REPLACE MAJOR PROCESS EQUIPMENT                            | Source(s): | 604     | \$100,000 |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SAFETY SERVICE LEVEL |            | 100,000 |           |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



## 2020-2024 Capital Improvement Program Summary Report by Department

|       |                                                                   |            |         |                           |
|-------|-------------------------------------------------------------------|------------|---------|---------------------------|
| 2WT06 | WATER PLANT CONCRETE/MASONRY REPAIR                               | Source(s): | 604     | \$25,000                  |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 25,000  |                           |
| 2WT07 | REPLACE NON-PROCESS EQUIPMENT                                     | Source(s): | 605     | \$7,000                   |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 7,000   |                           |
| 2WT08 | BOOSTER STATION IMPROVEMENTS                                      | Source(s): | 604     | \$35,000                  |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL                |            | 35,000  |                           |
| 2WT09 | REPLACE FIRE HYDRANTS                                             | Source(s): | 605     | \$15,000                  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 15,000  |                           |
| 2WT10 | SMALL WATER LINE IMPROVEMENTS                                     | Source(s): | 605     | \$150,000                 |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL                |            | 150,000 |                           |
| 2WT11 | DISTRIBUTION SYSTEM IMPROVEMENTS                                  | Source(s): | 604     | \$1,500,000               |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL                |            | 0       |                           |
| 2WT12 | WATER TANK/TOWER MAINTENANCE                                      | Source(s): | 604     | \$450,000                 |
|       | Priority-Need: CRITICAL-MAINTAIN CURRENT SERVICE LEVEL            |            | 450,000 |                           |
| 2WT13 | WATER COMPUTER MODELING                                           | Source(s): | 407     | \$20,000                  |
|       | Priority-Need: MINOR- SYSTEM OPERATION, MAINTENANCE AND PLANNING. |            | 20,000  |                           |
| 2WT14 | ASPHALT/CONCRETE REPLACEMENT                                      | Source(s): | 605     | \$85,000                  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 85,000  |                           |
| 2WT15 | BUILDING IMPROVEMENTS                                             | Source(s): | 604     | \$18,000                  |
|       | Priority-Need: MINOR-CURRENT                                      |            | 18,000  |                           |
| 2WT16 | ELECTRICAL IMPROVEMENTS                                           | Source(s): | 604     | \$28,000                  |
|       | Priority-Need: MINOR-IMPROVE                                      |            | 28,000  |                           |
| 2WT17 | AUTOMATIC METER READING (AMR)                                     | Source(s): | 604     | \$125,000                 |
|       | Priority-Need: MAJOR-IMPROVE EFFICIENCY SERVICE LEVEL             |            | 125,000 |                           |
| 2WT18 | FACILITY GROUNDS LANDSCAPE                                        | Source(s): | 605     | \$7,500                   |
|       | Priority-Need: MINOR- MAINTAIN AND IMPROVE LANDSCAPING            |            | 7,500   |                           |
| 2WT19 | VALVE BOXES AND COVERS                                            | Source(s): | 605     | \$15,000                  |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 15,000  |                           |
| 2WT20 | FILTER MEDIA REPLACEMENT                                          | Source(s): | 605     | \$25,000                  |
|       | Priority-Need: MINOR-PUBLIC HEALTH, SAFETY OR WELFARE MANDATED    |            | 25,000  |                           |
| 2WT21 | ICE PIGGING                                                       | Source(s): | 605     | \$50,000                  |
|       | Priority-Need: MINOR-IMPROVE                                      |            | 50,000  |                           |
| 2WT22 | NEW PRODUCTION WELLS                                              | Source(s): | 407     | \$75,000                  |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL                |            | 75,000  |                           |
| 2WT23 | SCADA INTREGRATION                                                | Source(s): | 605     | \$20,000                  |
|       | Priority-Need: MAJOR-IMPROVE                                      |            | 20,000  |                           |
|       |                                                                   |            |         | <b><u>\$2,965,500</u></b> |

### 2023

|       |                                                     |            |        |          |
|-------|-----------------------------------------------------|------------|--------|----------|
| 3WT01 | MAINTAIN PRODUCTION WELLS                           | Source(s): | 605    | \$50,000 |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL |            | 50,000 |          |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



## 2020-2024 Capital Improvement Program Summary Report by Department

|       |                                                                   |            |         |             |
|-------|-------------------------------------------------------------------|------------|---------|-------------|
| 3WT02 | INSTRUMENTATION REPLACEMENT PROGRAM                               | Source(s): | 605     | \$20,000    |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL              |            | 20,000  |             |
| 3WT03 | SECURITY/SURVEILLANCE                                             | Source(s): | 605     | \$5,000     |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL                |            | 5,000   |             |
| 3WT04 | PUMP OVERHAUL/REPLACEMENT PROGRAM                                 | Source(s): | 604     | \$10,000    |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL             |            | 10,000  |             |
| 3WT05 | REPLACE MAJOR PROCESS EQUIPMENT                                   | Source(s): | 604     | \$200,000   |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SAFETY SERVICE LEVEL        |            | 200,000 |             |
| 3WT06 | WTP CONCRETE/MASONRY REPAIR                                       | Source(s): | 604     | \$25,000    |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 25,000  |             |
| 3WT07 | REPLACE NON-PROCESS EQUIPMENT                                     | Source(s): | 605     | \$5,000     |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 5,000   |             |
| 3WT08 | BOOSTER STATION IMPROVEMENTS                                      | Source(s): | 604     | \$35,000    |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL                |            | 35,000  |             |
| 3WT09 | REPLACE FIRE HYDRANTS                                             | Source(s): | 605     | \$15,000    |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 15,000  |             |
| 3WT10 | SMALL WATER LINE IMPROVEMENTS                                     | Source(s): | 605     | \$150,000   |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL                |            | 150,000 |             |
| 3WT11 | DISTRIBUTION SYSTEM IMPROVEMENTS                                  | Source(s): | 604     | \$1,500,000 |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL                |            | 0       |             |
| 3WT12 | WATER TOWER MAINTENANCE                                           | Source(s): | 604     | \$65,000    |
|       | Priority-Need: CRITICAL-MAINTAIN CURRENT SERVICE LEVEL            |            | 65,000  |             |
| 3WT13 | WATER COMPUTER MODELING                                           | Source(s): | 407     | \$20,000    |
|       | Priority-Need: MINOR- SYSTEM OPERATION, MAINTENANCE AND PLANNING. |            | 20,000  |             |
| 3WT14 | ASPHALT/CONCRETE REPLACEMENT                                      | Source(s): | 605     | \$85,000    |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 85,000  |             |
| 3WT15 | BUILDING IMPROVEMENTS                                             | Source(s): | 604     | \$18,000    |
|       | Priority-Need: MINOR-QUALITY                                      |            | 18,000  |             |
| 3WT16 | ELECTRICAL IMPROVEMENTS                                           | Source(s): | 604     | \$70,000    |
|       | Priority-Need: MINOR-CURRENT                                      |            | 70,000  |             |
| 3WT17 | AUTOMATIC METER READING                                           | Source(s): | 604     | \$125,000   |
|       | Priority-Need: MAJOR-IMPROVE EFFICIENCY SERVICE LEVEL             |            | 125,000 |             |
| 3WT18 | FACILITY GROUNDS LANDSCAPE                                        | Source(s): | 605     | \$7,500     |
|       | Priority-Need: MINOR- MAINTAIN AND IMPROVE LANDSCAPING            |            | 7,500   |             |
| 3WT19 | VALVE BOXES AND COVERS                                            | Source(s): | 605     | \$15,000    |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 15,000  |             |
| 3WT20 | FILTER MEDIA REPLACEMENT                                          | Source(s): | 605     | \$25,000    |
|       | Priority-Need: MINOR-PUBLIC HEALTH, SAFETY OR WELFARE MANDATED    |            | 25,000  |             |
| 3WT21 | ICE PIGGING                                                       | Source(s): | 605     | \$50,000    |
|       | Priority-Need: MINOR-IMPROVE                                      |            | 50,000  |             |
| 3WT22 | NEW PRODUCTION WELLS                                              | Source(s): | 407     | \$350,000   |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL                |            | 350,000 |             |

DEBT  
1,500,000

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)





# 2020-2024 Capital Improvement Program Summary Report by Department

**\$2,845,500**

## 2024

|       |                                                                   |            |         |           |             |
|-------|-------------------------------------------------------------------|------------|---------|-----------|-------------|
| 4WT01 | MAINTAIN PRODUCTION WELLS                                         | Source(s): | 605     |           | \$120,000   |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 120,000 |           |             |
| 4WT02 | INSTRUMENTATION REPLACEMENT PROGRAM                               | Source(s): | 605     |           | \$20,000    |
|       | Priority-Need: MINOR - IMPROVE CURRENT SERVICE LEVEL              |            | 20,000  |           |             |
| 4WT03 | SECURITY/SURVEILLANCE                                             | Source(s): | 605     |           | \$5,000     |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL                |            | 5,000   |           |             |
| 4WT04 | PUMP OVERHAUL/REPLACEMENT PROGRAM                                 | Source(s): | 605     |           | \$50,000    |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL             |            | 50,000  |           |             |
| 4WT05 | REPLACE MAJOR PROCESS EQUIPMENT                                   | Source(s): | 604     |           | \$50,000    |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SAFETY SERVICE LEVEL        |            | 50,000  |           |             |
| 4WT06 | WATER PLANT CONCRETE/MASONRY REPAIR                               | Source(s): | 604     |           | \$25,000    |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 25,000  |           |             |
| 4WT07 | REPLACE NON-PROCESS EQUIPMENT                                     | Source(s): | 605     |           | \$5,000     |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 5,000   |           |             |
| 4WT08 | BOOSTER STATION IMPROVEMENTS                                      | Source(s): | 604     |           | \$35,000    |
|       | Priority-Need: MINOR-IMPROVE CURRENT SERVICE LEVEL                |            | 35,000  |           |             |
| 4WT09 | REPLACE FIRE HYDRANTS                                             | Source(s): | 605     |           | \$15,000    |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 15,000  |           |             |
| 4WT10 | SMALL WATER LINE IMPROVEMENTS                                     | Source(s): | 605     |           | \$150,000   |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL                |            | 150,000 |           |             |
| 4WT11 | DISTRIBUTION SYSTEM IMPROVEMENTS                                  | Source(s): | 604     | DEBT      | \$1,500,000 |
|       | Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL                |            | 0       | 1,500,000 |             |
| 4WT12 | WATER TOWER MAINTENANCE                                           | Source(s): | 604     |           | \$750,000   |
|       | Priority-Need: CRITICAL-MAINTAIN CURRENT SERVICE LEVEL            |            | 750,000 |           |             |
| 4WT13 | WATER COMPUTER MODELING                                           | Source(s): | 407     |           | \$20,000    |
|       | Priority-Need: MINOR- SYSTEM OPERATION, MAINTENANCE AND PLANNING. |            | 20,000  |           |             |
| 4WT14 | ASPHALT/CONCRETE REPLACEMENT                                      | Source(s): | 605     |           | \$85,000    |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 85,000  |           |             |
| 4WT15 | BUILDING IMPROVEMENTS                                             | Source(s): | 604     |           | \$18,000    |
|       | Priority-Need: MINOR-CURRENT                                      |            | 18,000  |           |             |
| 4WT16 | ELECTRICAL IMPROVEMENTS                                           | Source(s): | 604     |           | \$20,000    |
|       | Priority-Need: MINOR-CURRENT                                      |            | 20,000  |           |             |
| 4WT17 | AUTOMATIC METER READING                                           | Source(s): | 604     | DEBT      | \$2,000,000 |
|       | Priority-Need: MAJOR-IMPROVE EFFICIENCY SERVICE LEVEL             |            | 0       | 2,000,000 |             |
| 4WT18 | FACILITY GROUNDS LANDSCAPE                                        | Source(s): | 605     |           | \$7,500     |
|       | Priority-Need: MINOR- MAINTAIN AND IMPROVE LANDSCAPING            |            | 7,500   |           |             |
| 4WT19 | VALVE BOXES AND COVERS                                            | Source(s): | 605     |           | \$15,000    |
|       | Priority-Need: MINOR-MAINTAIN CURRENT SERVICE LEVEL               |            | 15,000  |           |             |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)

# 2020-2024 Capital Improvement Program Summary Report by Department

4WT20 NEW PRODUCTION WELLS  
Priority-Need: MAJOR-IMPROVE CURRENT SERVICE LEVEL

Source(s): 407  
700,000



\$700,000  
**\$5,590,500**

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



# 2020-2024 Capital Improvement Program Summary Report by Department

620

## 2020

|       |                                                                  |            |         |           |
|-------|------------------------------------------------------------------|------------|---------|-----------|
| 0WW01 | SANITARY SEWER REHABILITATION                                    | Source(s): | 623     | \$100,000 |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL            |            | 100,000 |           |
| 0WW02 | ROOT CONTROL MAINTENANCE PROGRAM                                 | Source(s): | 624     | \$20,000  |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL            |            | 20,000  |           |
| 0WW03 | MANHOLE REHABILITATION PROGRAM                                   | Source(s): | 624     | \$10,000  |
|       | Priority-Need: MAJOR - IMPROVE CURRENT SERVICE LEVEL             |            | 10,000  |           |
| 0WW05 | INSTRUMENTATION REPLACEMENT PROGRAM                              | Source(s): | 624     | \$15,000  |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL            |            | 15,000  |           |
| 0WW06 | PUMP OVERHAUL/REPLACEMENT PROGRAM                                | Source(s): | 624     | \$80,000  |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL            |            | 80,000  |           |
| 0WW07 | WASTEWATER PLANT CONCRETE/MASONRY                                | Source(s): | 623     | \$14,000  |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL            |            | 14,000  |           |
| 0WW08 | PAVEMENT REPAIRS AND REPLACEMENT                                 | Source(s): | 623     | \$15,000  |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL            |            | 15,000  |           |
| 0WW09 | VIDEO AND SEWER CLEANING EQUIPMENT                               | Source(s): | 624     | \$7,500   |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL            |            | 7,500   |           |
| 0WW10 | MONITORING EQUIPMENT                                             | Source(s): | 624     | \$7,500   |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL            |            | 7,500   |           |
| 0WW11 | ELECTRICAL IMPROVEMENTS                                          | Source(s): | 624     | \$14,000  |
|       | Priority-Need: MINOR-CURRENT                                     |            | 14,000  |           |
| 0WW12 | SANITARY SEWER FLOW MODELING                                     | Source(s): | 624     | \$25,000  |
|       | Priority-Need: MINOR-IMPROVE                                     |            | 25,000  |           |
| 0WW13 | BUILDING IMPROVEMENTS                                            | Source(s): | 623     | \$10,000  |
|       | Priority-Need: MINOR-IMPROVE                                     |            | 10,000  |           |
| 0WW14 | AUTOMATIC METER READING (AMR)                                    | Source(s): | 623     | \$125,000 |
|       | Priority-Need: MAJOR-IMPROVE EFFICIENCY SERVICE LEVEL            |            | 125,000 |           |
| 0WW15 | ANAEROBIC DIGESTER CLEANING                                      | Source(s): | 624     | \$35,000  |
|       | Priority-Need: CRITICAL - MAINTAIN CURRENT SERVICE LEVEL         |            | 35,000  |           |
| 0WW16 | AERATION SYSTEM IMPROVEMENTS                                     | Source(s): | 624     | \$50,000  |
|       | Priority-Need: MAJOR-IMPROVE                                     |            | 50,000  |           |
| 0WW17 | PRIMARY BOILER REPLACEMENT                                       | Source(s): | 624     | \$20,000  |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL            |            | 20,000  |           |
| 0WW18 | UV LAMP REPLACEMENT                                              | Source(s): | 624     | \$250,000 |
|       | Priority-Need: MAJOR - PUBLIC HEALTH, SAFETY OR WELFARE MANDATES |            | 250,000 |           |
| 0WW19 | TURBLEX BLOWER SERVICE                                           | Source(s): | 624     | \$32,000  |
|       | Priority-Need: CRITICAL - MAINTAIN CURRENT SERVICE LEVEL         |            | 32,000  |           |
| 0WW20 | SCISSOR LIFT                                                     | Source(s): | 624     | \$6,000   |
|       | Priority-Need: MINOR-CURRENT                                     |            | 6,000   |           |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



## 2020-2024 Capital Improvement Program Summary Report by Department

|       |                                                       |            |         |                           |
|-------|-------------------------------------------------------|------------|---------|---------------------------|
| 0WW21 | MINI-CAM                                              | Source(s): | 624     | \$15,000                  |
|       | Priority-Need: MAJOR-CURRENT SERVICE LEVEL            |            | 15,000  |                           |
| 0WW22 | RADIOS                                                | Source(s): | 624     | \$10,000                  |
|       | Priority-Need: MINOR-CURRENT SERVICE LEVEL            |            | 10,000  |                           |
| 0WW23 | SECONDARY CLARIFIER LIFT STATION                      | Source(s): | 624     | \$40,000                  |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL |            | 40,000  |                           |
| 0WW24 | WWTP NATURAL GAS/HEATING COMPONENTS                   | Source(s): | 624     | \$80,000                  |
|       | Priority-Need: MAJOR - IMPROVE CURRENT SERVICE LEVEL  |            | 80,000  |                           |
| 0WW25 | PRIMARY SYSTEM TANK OVERHAUL                          | Source(s): | 624     | \$50,000                  |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL |            | 50,000  |                           |
| 0WW26 | DEWATERING/CHEMICAL FEED BUILDING                     | Source(s): | 624     | \$201,700                 |
|       | Priority-Need: MAJOR-LEGAL MANDATE                    |            | 201,700 |                           |
|       |                                                       |            |         | <b><u>\$1,232,700</u></b> |

### 2021

|       |                                                       |            |         |           |
|-------|-------------------------------------------------------|------------|---------|-----------|
| 1WW01 | SANITARY SEWER REHABILITATION                         | Source(s): | 623     | \$100,000 |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL |            | 100,000 |           |
| 1WW02 | ROOT CONTROL MAINTENANCE PROGRAM                      | Source(s): | 624     | \$20,000  |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL |            | 20,000  |           |
| 1WW03 | MANHOLE REHABILITATION PROGRAM                        | Source(s): | 624     | \$10,000  |
|       | Priority-Need: MAJOR - IMPROVE CURRENT SERVICE LEVEL  |            | 10,000  |           |
| 1WW05 | INSTRUMENTATION REPLACEMENT PROGRAM                   | Source(s): | 624     | \$15,000  |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 15,000  |           |
| 1WW06 | PUMP OVERHAUL/REPLACEMENT PROGRAM                     | Source(s): | 624     | \$40,000  |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 40,000  |           |
| 1WW07 | WASTEWATER PLANT CONCRETE/MASONRY                     | Source(s): | 623     | \$14,000  |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 14,000  |           |
| 1WW08 | PAVEMENT REPAIRS AND REPLACEMENT                      | Source(s): | 623     | \$15,000  |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 15,000  |           |
| 1WW09 | VIDEO AND SEWER CLEANING EQUIPMENT                    | Source(s): | 624     | \$100,000 |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 100,000 |           |
| 1WW10 | MONITORING EQUIPMENT                                  | Source(s): | 624     | \$7,500   |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 7,500   |           |
| 1WW11 | ELECTRICAL IMPROVEMENTS                               | Source(s): | 624     | \$14,000  |
|       | Priority-Need: MINOR-CURRENT                          |            | 14,000  |           |
| 1WW12 | SANITARY SEWER FLOW MODELING                          | Source(s): | 624     | \$35,000  |
|       | Priority-Need: MINOR-IMPROVE                          |            | 35,000  |           |
| 1WW13 | BUILDING IMPROVEMENTS                                 | Source(s): | 623     | \$40,000  |
|       | Priority-Need: MINOR-IMPROVE                          |            | 40,000  |           |
| 1WW14 | AUTOMATIC METER READING (AMR)                         | Source(s): | 623     | \$125,000 |
|       | Priority-Need: MAJOR-IMPROVE EFFICIENCY SERVICE LEVEL |            | 125,000 |           |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



## 2020-2024 Capital Improvement Program Summary Report by Department

|       |                                                       |            |         |                           |
|-------|-------------------------------------------------------|------------|---------|---------------------------|
| 1WW15 | EFFLUENT PIPELINE                                     | Source(s): | 623     | \$20,000                  |
|       | Priority-Need: MINOR-CURRENT                          |            | 20,000  |                           |
| 1WW16 | AERATION SYSTEM IMPROVEMENTS                          | Source(s): | 624     | \$900,000                 |
|       | Priority-Need: MAJOR-IMPROVE                          |            | 900,000 |                           |
| 1WW18 | WATER MAIN IMPROVEMENTS                               | Source(s): | 624     | \$250,000                 |
|       | Priority-Need: MAJOR-CURRENT                          |            | 250,000 |                           |
| 1WW19 | REPAIR/REPLACE EQ LINERS                              | Source(s): | 623     | \$25,000                  |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 25,000  |                           |
| 1WW20 | DEWATERING/CHEMICAL FEED BUILDING                     | Source(s): | 623     | \$3,400,000               |
|       | Priority-Need: MAJOR-LEGAL MANDATE                    |            | 0       | DEBT 3,400,000            |
| 1WW21 | EQ BASIN VALVE REPLACEMENT                            | Source(s): | 623     | \$25,000                  |
|       | Priority-Need: MINOR-CURRENT                          |            | 25,000  |                           |
|       |                                                       |            |         | <b><u>\$5,155,500</u></b> |

### 2022

|       |                                                       |            |         |           |
|-------|-------------------------------------------------------|------------|---------|-----------|
| 2WW01 | SANITARY SEWER REHABILITATION                         | Source(s): | 623     | \$100,000 |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL |            | 100,000 |           |
| 2WW02 | ROOT CONTROL MAINTENANCE PROGRAM                      | Source(s): | 624     | \$20,000  |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL |            | 20,000  |           |
| 2WW03 | MANHOLE REHABILITATION PROGRAM                        | Source(s): | 624     | \$10,000  |
|       | Priority-Need: MAJOR - IMPROVE CURRENT SERVICE LEVEL  |            | 10,000  |           |
| 2WW05 | INSTRUMENTATION REPLACEMENT PROGRAM                   | Source(s): | 624     | \$7,500   |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 7,500   |           |
| 2WW06 | PUMP OVERHAUL/REPLACEMENT PROGRAM                     | Source(s): | 624     | \$7,500   |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 7,500   |           |
| 2WW07 | WASTEWATER PLANT CONCRETE/MASONRY                     | Source(s): | 623     | \$14,000  |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 14,000  |           |
| 2WW08 | PAVEMENT REPAIRS AND REPLACEMENT                      | Source(s): | 623     | \$15,000  |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 15,000  |           |
| 2WW09 | VIDEO AND SEWER CLEANING EQUIPMENT                    | Source(s): | 624     | \$357,500 |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 357,500 |           |
| 2WW10 | MONITORING EQUIPMENT                                  | Source(s): | 624     | \$7,500   |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL |            | 7,500   |           |
| 2WW11 | ELECTRICAL IMPROVMENTS                                | Source(s): | 624     | \$14,000  |
|       | Priority-Need: MINOR-CURRENT                          |            | 14,000  |           |
| 2WW12 | SANITARY SEWER FLOW MODELING                          | Source(s): | 624     | \$7,500   |
|       | Priority-Need: MINOR-IMPROVE                          |            | 7,500   |           |
| 2WW13 | BUILDING IMPROVEMENTS                                 | Source(s): | 623     | \$90,000  |
|       | Priority-Need: MINOR-IMPROVE                          |            | 90,000  |           |
| 2WW14 | AUTOMATIC METER READING (AMR)                         | Source(s): | 623     | \$125,000 |
|       | Priority-Need: MAJOR-IMPROVE EFFICIENCY SERVICE LEVEL |            | 125,000 |           |

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)



## 2020-2024 Capital Improvement Program Summary Report by Department

2WW15 EFFLUENT PIPELINE  
Priority-Need: MINOR-MAINTAIN  
2WW17 PRIMARY BOILER REPLACEMENT  
Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL

Source(s): 623  
200,000  
Source(s): 624  
250,000

\$200,000  
\$250,000

**\$1,225,500**

### 2023

3WW01 SANITARY SEWER REHABILITATION  
Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL  
3WW02 ROOT CONTROL MAINTENANCE PROGRAM  
Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL  
3WW03 MANHOLE REHABILITATION PROGRAM  
Priority-Need: MAJOR - IMPROVE CURRENT SERVICE LEVEL  
3WW05 INSTRUMENTATION REPLACEMENT PROGRAM  
Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL  
3WW06 PUMP OVERHAUL/REPLACEMENT PROGRAM  
Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL  
3WW07 WASTEWATER PLANT CONCRETE/MASONRY  
Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL  
3WW08 PAVEMENT REPAIRS AND REPLACEMENT  
Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL  
3WW09 VIDEO AND SEWER CLEANING EQUIPMENT  
Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL  
3WW10 MONITORING EQUIPMENT  
Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL  
3WW11 ELECTRICAL IMPROVEMENTS  
Priority-Need: MINOR-CURRENT  
3WW12 SANITARY SEWER FLOW MODELING  
Priority-Need: MINOR-IMPROVE  
3WW13 BUILDING IMPROVEMENTS  
Priority-Need: MINOR-IMPROVE  
3WW14 AUTOMATIC METER READING (AMR)  
Priority-Need: MAJOR-IMPROVE EFFICIENCY SERVICE LEVEL  
3WW15 LAKE MANOR LIFT STATION UPGRADES  
Priority-Need: MAJOR - ECONOMIC DEVELOPMENT

Source(s): 623  
100,000  
Source(s): 624  
20,000  
Source(s): 624  
10,000  
Source(s): 624  
7,500  
Source(s): 624  
7,500  
Source(s): 623  
14,000  
Source(s): 623  
15,000  
Source(s): 624  
7,500  
Source(s): 624  
7,500  
Source(s): 624  
14,000  
Source(s): 624  
7,500  
Source(s): 623  
70,000  
Source(s): 623  
125,000  
Source(s): 624  
1,000,000

\$100,000  
\$20,000  
\$10,000  
\$7,500  
\$7,500  
\$14,000  
\$15,000  
\$7,500  
\$7,500  
\$14,000  
\$7,500  
\$70,000  
\$125,000  
\$1,000,000

**\$1,405,500**

### 2024

4WW01 SANITARY SEWER REHABILITATION  
Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL  
4WW02 ROOT CONTROL MAINTENANCE PROGRAM  
Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL

Source(s): 623  
100,000  
Source(s): 624  
20,000

\$100,000  
\$20,000

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)





## 2020-2024 Capital Improvement Program Summary Report by Department

|       |                                                          |            |         |                           |
|-------|----------------------------------------------------------|------------|---------|---------------------------|
| 4WW03 | MANHOLE REHABILITATION PROGRAM                           | Source(s): | 624     | \$10,000                  |
|       | Priority-Need: MAJOR - IMPROVE CURRENT SERVICE LEVEL     |            | 10,000  |                           |
| 4WW05 | INSTRUMENTATION REPLACEMENT PROGRAM                      | Source(s): | 624     | \$7,500                   |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL    |            | 7,500   |                           |
| 4WW06 | PUMP OVERHAUL/REPLACEMENT PROGRAM                        | Source(s): | 624     | \$50,000                  |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL    |            | 50,000  |                           |
| 4WW07 | WASTEWATER PLANT CONCRETE/MASONRY                        | Source(s): | 623     | \$14,000                  |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL    |            | 14,000  |                           |
| 4WW08 | PAVEMENT REPAIRS AND REPLACEMENT                         | Source(s): | 623     | \$15,000                  |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL    |            | 15,000  |                           |
| 4WW09 | VIDEO AND SEWER CLEANING EQUIPMENT                       | Source(s): | 624     | \$7,500                   |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL    |            | 7,500   |                           |
| 4WW10 | MONITORING EQUIPMENT                                     | Source(s): | 624     | \$7,500                   |
|       | Priority-Need: MINOR - MAINTAIN CURRENT SERVICE LEVEL    |            | 7,500   |                           |
| 4WW11 | ELECTRICAL IMPROVEMENTS                                  | Source(s): | 624     | \$14,000                  |
|       | Priority-Need: MINOR-CURRENT                             |            | 14,000  |                           |
| 4WW12 | SANITARY SEWER FLOW MODELING                             | Source(s): | 624     | \$7,500                   |
|       | Priority-Need: MINOR-IMPROVE                             |            | 7,500   |                           |
| 4WW13 | BUILDING IMPROVEMENTS                                    | Source(s): | 623     | \$15,000                  |
|       | Priority-Need: MINOR-IMPROVE                             |            | 15,000  |                           |
| 4WW14 | AUTOMATIC METER READING (AMR)                            | Source(s): | 623     | \$2,000,000               |
|       | Priority-Need: MAJOR-IMPROVE EFFICIENCY SERVICE LEVEL    |            | 0       |                           |
| 4WW15 | DIGESTER EXTERNAL MIXER                                  | Source(s): | 624     | \$7,500                   |
|       | Priority-Need: MINOR - IMPROVE EFFICIENCY SERVICE LEVEL  |            | 7,500   |                           |
| 4WW16 | BROADVIEW LIFT STATION GENERATOR                         | Source(s): | 624     | \$350,000                 |
|       | Priority-Need: MAJOR-MAINTAIN CURRENT SERVICE LEVEL      |            | 350,000 |                           |
| 4WW17 | DIGESTER TANK STABILIZATION                              | Source(s): | 624     | \$50,000                  |
|       | Priority-Need: MAJOR - MAINTAIN CURRENT SERVICE LEVEL    |            | 50,000  |                           |
| 4WW18 | WWTP GENERATOR                                           | Source(s): | 624     | \$80,000                  |
|       | Priority-Need: CRITICAL - MAINTAIN CURRENT SERVICE LEVEL |            | 80,000  |                           |
|       |                                                          |            |         | <b><u>\$2,755,500</u></b> |

DEBT  
2,000,000

Attachment: 2020-24\_CIP\_SummaryDept (1496 : 2020-2024 Capital Improvement Program)

RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO APPROVE AND ADOPT THE CITY OF FAIRFIELD, OHIO 2020-2024 CAPITAL IMPROVEMENT PROGRAM.

BE IT RESOLVED by the Council of the City of Fairfield, Ohio, that:

- Section 1.

The City of Fairfield, Ohio 2020-2024 Capital Improvement Program, a copy of which is on file in the office of the Clerk of Council and which is incorporated herein by reference, is hereby approved an adopted.
- Section 2.

Resolution No. 3-19 is hereby repealed in its entirety.
- Section 3.

This Resolution shall take effect at the earliest period allowed by law.

|                |       |                       |
|----------------|-------|-----------------------|
| Passed         | _____ | _____                 |
|                |       | Mayor’s Approval      |
| Posted         | _____ |                       |
| First Reading  | _____ | Rules Suspended _____ |
| Second Reading | _____ |                       |
| Third Reading  | _____ |                       |

ATTEST:

\_\_\_\_\_  
Clerk of Council

This is to certify that this Resolution has been duly published by posting and summary publication as provided by Charter.

\_\_\_\_\_  
Clerk of Council

Active Clients\City of Fairfield\Ordinances\2020\Capital Improvement Program-Res

Attachment: Capital Improvement Program-Res (1496 : 2020-2024 Capital Improvement Program)



**City Council Ordinance**  
**Regular Meeting - May 11, 2020**

Submitted by: Alisha Wilson, Clerk  
Submitting Department: Clerk

**Subject:**

Contractual Appropriations

**Legislation Title:**

Ordinance to amend Ordinance No. 119-19 entitled “An Ordinance to make estimated appropriations for the expenses and other expenditures of the City of Fairfield, Ohio, during a period beginning January 1, 2020, and ending December 31, 2020.”

**Recommendation:**

It is recommended that City Council suspend the rules requiring a second and third reading of this Ordinance and adopt the appropriations listed above.

**Background/Synopsis:** Please refer to specific Council Communications for full description of these items.

\$250,000 for upgrades to ultraviolet light disinfection system at Wastewater Treatment Plant.

**Financial Impact:** \$250,000.00 from noted funding source.

**Rule Suspension Requested:**

Yes

**Emergency Provision Needed:**

No

**Attachments:**

1. Contractual 5-11-Ord

ORDINANCE NO. \_\_\_\_\_

ORDINANCE TO AMEND ORDINANCE NO. 119-19 ENTITLED "AN ORDINANCE TO MAKE ESTIMATED APPROPRIATIONS FOR THE EXPENSES AND OTHER EXPENDITURES OF THE CITY OF FAIRFIELD, OHIO, DURING A PERIOD BEGINNING JANUARY 1, 2020, AND ENDING DECEMBER 31, 2020."

BE IT ORDAINED by the Council of the City of Fairfield, Ohio, that:

Section 1. Ordinance No. 119-19, the 2020 Appropriation Ordinance, is hereby amended in the following respects:

|              |                                                                                    |                  |
|--------------|------------------------------------------------------------------------------------|------------------|
| <b>From:</b> | <b>Unappropriated Sewer Surplus Fund</b>                                           | <b>\$250,000</b> |
| To:          | 62416025-252000 Improvements Other Than Building<br>(UV Disinfection System 0WW18) | \$250,000        |

Section 2. This Ordinance shall take effect at the earliest period allowed by law.

|                |       |                       |
|----------------|-------|-----------------------|
| Passed         | _____ | _____                 |
|                |       | Mayor's Approval      |
| Posted         | _____ |                       |
| First Reading  | _____ | Rules Suspended _____ |
| Second Reading | _____ |                       |
| Third Reading  | _____ |                       |

ATTEST:

\_\_\_\_\_  
Clerk of Council

This is to certify that this Ordinance has been duly published by posting and summary publication as provided by Charter.

\_\_\_\_\_  
Clerk of Council

Active Clients\City of Fairfield\Ordinances\2020\Contractual 5-11-Ord

Attachment: Contractual 5-11-Ord (1503 : Contractual Appropriations)



**City Council Ordinance**  
**Regular Meeting - May 11, 2020**

Submitted by: Alisha Wilson, Clerk  
 Submitting Department: Clerk

**Subject:**

Non-Contractual Appropriations

**Legislation Title:**

Ordinance to amend Ordinance No. 119-19 entitled “An Ordinance to make estimated appropriations for the expenses and other expenditures of the City of Fairfield, Ohio, during a period beginning January 1, 2020, and ending December 31, 2020.”

**Recommendation:**

It is recommended that City Council suspend the rules requiring a second and third reading of this Ordinance and adopt the appropriations listed above.

**Background/Synopsis:** Please refer to specific Council Communications for full description of these items.

\$5,200 for Lime Silo Fill Pipe;  
 \$14,695 for Water Tank Telemetry Components;  
 \$23,200 for Turblex Blower Service;  
 \$26,000 for 2020 Parking Lot Maintenance Program (sealing and striping);  
 \$24,000 Parking Lot Maintenance Program (paving repairs);  
 \$30,000 for anaerobic digester cleaning at Wastewater Treatment Plant.

**Financial Impact:** \$123,095.00 from noted funding source.

**Rule Suspension Requested:**

Yes

**Emergency Provision Needed:**

No

**Attachments:**

1. NonContractualAppropriations.051120
2. NonContractual 5-11-Ord



## City Council Information Item Regular Meeting - May 11, 2020

Submitted by: Jason Hunold,  
Submitting Department: Public Utilities

### Subject:

Lime Silo Fill Pipe

### Legislation Title:

Lime Silo Fill Pipe

**Background/Synopsis:** The City of Fairfield Water Treatment Plant utilizes the Lime Softening water treatment process to soften raw water withdrawn from the Great Miami Buried Valley Aquifer. Slaked lime, in the form of calcium hydroxide, is added to raw water to increase the pH of the water in order to remove mineral hardness (calcium and magnesium) via chemical precipitation.

The Water Treatment Plant is equipped with two (2) Lime Silos which are used to store pebble lime for the softening process. Pebble lime is typically added to the silos on a weekly basis. Pebble lime is off loaded from a tanker truck and displaced into the silo via a “fill pipe” by forced air. The fill pipe for the Treatment Plant’s South Silo is showing signs of failure and is in need of repairs.

The appropriation request will be used to purchase new fill pipe materials, fill pipe elbows, and hardware to support the elbows. Proposals are attached for review. Water Division staff will make the repairs in house.

**Financial Impact:** An appropriation in the amount of \$5,200.00 is being requested to make repairs to the Water Treatment Plant’s South Lime Silo Fill Pipe.

Funding for this project is included in the 2020-2024 Capital Improvement Program under project number 0WT11, Lime Silo Fill Pipe. The funding source is the Water Surplus Fund.

It is recommended that City Council authorize an appropriation in the amount of \$5,200.00 from Water Surplus Fund to make repairs to the Water Treatment Plants South Lime Silo Fill Pipe.

### Attachments:

1. Fairfield HammerTek Quote# 7592
2. Ferguson





2400 Emrick Blvd • Bethlehem, PA 11.C.4.a

Toll Free 1-800-505-9665

Phone: 610-814-2273 • Fax: 610-814-0600

Email: sales@hammertek.com

www.hammertek.com



## Conveying Solution Proposal

**Contact:** JASON BLEVENS  
**Company:** CITY OF FAIRFIELD WATER DEPARTMENT  
5021 GROH LANE  
FAIRFIELD, OH 45014  
513-867-5375  
jblevens@fairfield-city.org

**Quote Number:** 7592  
**Date:** 4/20/2020

Thank you for your interest in the Smart Elbow®! We are pleased to offer the following quotation:

| Qty                | Part Number & Description                                                                                                                      | List Price | Unit Price    | Extended          |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------|-------------------|
| 3                  | H4PF904A<br>4" Schedule 10/40 Pipe Size (4.5" 11-Gauge Tube Size) 90° HammerLast 400 with 125# Flat<br>Face Flanged Ends<br>Currently in Stock | \$1,379.00 | \$1,379.00    | \$4,137.00        |
| Material Conveyed: |                                                                                                                                                |            | <b>Total:</b> | <b>\$4,137.00</b> |

Availability as quoted above, subject to prior sale. In-stock items usually ship within 2-5 business days after receipt of order. If not in-stock, production lead times range from 8 to 15 weeks.

This quotation has been prepared without knowledge of system parameters.

FCA Bethlehem, PA (Coated Elbows: Houston, TX)

Standard Terms: Net 30 with open account credit.

Note: Credit card orders will incur a 3% surcharge.

This Quotation is valid for (30) Days.

Thank you for the opportunity to present this quotation. We look forward to working with you on this application. Should you have any questions or need additional information, please call me at 1-800-505-9665.

Sincerely,

Alex McCans

Attachment: NonContractualAppropriations.051120 (1502 : Non-Contractual Appropriations)

1) **ORDERS:** No order for HammerTek Corporation (hereinafter referred to as "HT") products shall be binding upon HT until accepted in writing by HT. All orders shall be subject to credit screening and approval and also subject to these Standard Terms and Conditions of Sale (hereinafter referred to as "Terms and Conditions"). HT's acceptance shall be conditioned on Purchaser's assent to these complete and unaltered Terms and Conditions, which assent shall be deemed given unless Purchaser shall notify HT in writing to the contrary within five (5) days after HT shall give to Purchaser written confirmation of such order.

No provision of HT's Terms and Conditions shall be subject to change in any manner except as agreed to in writing by a duly authorized officer of HT. These Terms and Conditions supersede any and all other agreements or understandings, whether written or oral, that may exist between the parties.

These Terms and Conditions shall modify and supersede orders submitted on Purchaser's forms, where such forms contain conflicting or inconsistent statements, clauses or conditions. Any such statements, clauses or conditions contained in any forms of the Purchaser shall not be effective or binding upon HT and the rights and liabilities of HT shall be determined solely by these Terms and Conditions. By accepting and consummating any such order, HT shall not be deemed to have in any way changed, diminished, enlarged, waived or modified its rights, remedies, liabilities or obligations as fixed by these Terms and Conditions. If any provision of these Terms and Conditions is declared invalid or unenforceable, then such provision shall be severed from and shall not affect the remainder of these Terms and Conditions.

The formation and performance of any sales agreement shall be governed by and construed according to the Commonwealth of Pennsylvania, United States of America, in effect from time to time. Whenever a Term defined in the Uniform Commercial Code is used in these Terms and Conditions, the definition contained in the Pennsylvania Uniform Commercial Code shall control. Whenever a term defined by the Uniform Commercial Code is used in these Terms and Conditions, the definition contained in the Pennsylvania Uniform Commercial Code shall control unless it is expressly set forth in these Terms and Conditions that the term is defined in Performance 2010, Official Rules of the International Chamber of Commerce (ICC). In all other respects, the formation, terms and performance of any sales agreement shall be governed solely by and construed according to the Commonwealth of Pennsylvania, United States of America.

All purchase orders shall be issued to HammerTek Corporation or to HammerTek Corporation, c/o HT Representative.

2) **PRICES:** All prices are subject to change by HT without notice. Prices in effect at the time the order is accepted by HT shall apply. Written quotations shall automatically expire 30 calendar days from the date of quotation unless otherwise specified in writing by HT. Any verbal quotation shall not be binding, unless confirmed in writing by HT. Prices do not include sales, excise, municipal, state, value-added, occupation, or any other Government taxes nor do they include charges for packing requirements of any Government or other Purchaser, unless expressly stipulated in writing by HT. Purchaser shall pay all import and export charges, assessments, tariffs, customs duties, clearances, fees, and other customs and customs-related charges, including but not limited to broker's fees, however designated.

HT reserves the right to revise prices of work in process, if the product or any part thereof is delayed for a period in excess of thirty (30) days due to any action or inaction on the part of the Purchaser or if the scope of supply is changed by the Purchaser.

Typographical and clerical errors in price quotations by HT or otherwise are subject to correction.

3) **TERMS OF PAYMENT:** For orders within the United States, pending a credit evaluation by HT, payment in full shall be due net 30 days from the date of shipment unless otherwise specified in writing by HT. For orders outside of the United States, Purchaser shall submit 50% of the total amount as a down payment with order, with balance due prior to the date of shipment unless otherwise specified in writing by HT. Past due accounts will bear interest at the rate of 1.5% per month and are also subject to imposition of a late charge of 3% of the invoiced amount, either or both of which are limited to the maximum amount permitted by law. All invoices are payable in United States dollars, unless otherwise specified in writing by HT. Acceptance of bank drafts, checks or other media or payment shall be subject to immediate collection of the full-face amount thereof.

HT reserves the right in its sole discretion to demand full or partial payment before proceeding with any order. If deliveries are delayed or deferred by Purchaser beyond the scheduled date, payment shall be due in full when HT is prepared to ship. The products may thereafter, at HT's option, be stored at the risk and expense of Purchaser. If Purchaser defaults when any payment is due, then the whole purchase price shall become due and payable upon demand, or HT, at its option, without prejudice to other lawful remedies, may withhold delivery or cancel the order.

In the event that HT, in its sole discretion, places an account for collection or if a suit is brought against Purchaser, Purchaser agrees to pay all of HT's costs, including, but not limited to collection costs and attorney's fees.

4) **SHIPMENT:** All shipments are FCA from HT's factory in Bethlehem, PA as defined in Incoterms 2010, Official Rules of the ICC, unless otherwise specified in writing by HT. The method and route of shipment will be at the discretion of HT unless Purchaser shall specify otherwise. All shipment costs shall be borne by Purchaser. All shipments are construed by HT to ship the "Best Way."

All claims for loss, breakage and damage (obvious or concealed) shall be the sole responsibility of Purchaser and shall be made to carriers by Purchaser or its assigned receiving party. Notwithstanding the foregoing, HT shall provide Purchaser with reasonable cooperation in pursuing a reasonable adjustment of such claims from the carrier upon HT's receipt of such a request in writing from the Purchaser.

Claims for shortage must be made in writing to HT within five (5) days after receipt of shipment. Failure to give such notice shall constitute unqualified acceptance and a waiver of any and all such claims by Purchaser.

HT reserves the right to make delivery in installments, unless otherwise expressly agreed to in writing by HT. All such installments, when separately invoiced, shall be paid for when due per invoice without regard to subsequent deliveries. Delay in delivery of any installment shall not relieve Purchaser of its obligation to accept remaining deliveries.

5) **RISK OF LOSS:** Purchaser assumes all risks of loss of and damage to products upon delivery by HT to carrier, or upon notification from HT that HT is prepared to ship and that products are being stored by HT at the risk and expense of Purchaser.

6) **DELAYS:** HT shall not be liable for any damage or loss whatsoever as a result of any delay due to any cause beyond HT's reasonable control, including, without limitation, an act of God, act or failure to act of Purchaser; act of terrorism; embargo; or other government act, regulation or request; fire, accident, strike, war, boycott, slowdown, riot, delay in transportation; customs delay or seizure; or inability to obtain necessary labor, materials or manufacturing facilities. In the event of any such delay, the date of delivery shall be extended for a period equal to the time lost by reasons of the delay.

7) **CANCELLATION:** The Purchaser may not cancel all or any part of Purchaser's order once accepted by HT except upon prior written approval of HT and the payment of such cancellation charges as may be required by HT in its sole discretion from time to time.

8) **RETURN OF PRODUCTS:** No product or part may be returned for credit without first obtaining the prior written authorization from HT. Details of the claimed defect and all supporting documentation required by HT must accompany the returned product or part. Purchaser acknowledges that it has a full complete understanding of the use and care of the HT products and that it will not permit the products or parts to be used in a manner that exceeds or violates such limitations. Products or parts accepted for credit shall be subject to a handling charge of twenty percent (20%) of the invoice price, or such amount established by HT in its sole discretion, and subject to HT's inspection of the product or part once returned to HT. All transportation charges shall be prepaid by the purchaser. Returned products and parts must be securely packed and adequately insured and protected to reach HT without damage; all cost incurred by HT to restore equipment to HT's specifications will be charged to the purchaser, including any handling charges.

9) **WARRANTY:** HT warrants products of its own manufacture to be free from defects in material and workmanship upon delivery, subject to the terms, conditions, limitations and restrictions of this Warranty.

During the Warranty period HT will, subject to the terms, limitations and exclusions of this Warranty, replace or repair, at HT's option, any product or part found to be defective, with the exception of normal wear and abrasion. Purchaser must cooperate fully with HT

and/or its agents and representatives in the diagnosis, investigation and/or repair of any alleged defects. HT must have full access to the product and system and be able to operate and test the product and system as required. Purchaser must return any product or part claimed defective to HT transportation prepaid. The foregoing shall be purchaser's sole and exclusive remedy in the event of any breach of warranty by HT.

a. The sole liability of HT to purchaser for performance of the products is limited to the foregoing warranty of repair or replacement. This warranty is the sole and exclusive remedy of purchaser and is in substitution for all damages or remedies that might otherwise arise out of the order or the product, including, but not limited to, general, special, incidental, indirect, foreseeable, normal, and/or consequential damages, including damages for loss or profits, loss of business opportunities and business interruption, and any warranty, negligence, tort, or breach of contract claims of purchaser against HT. This warranty is in lieu of and HT disclaims any warranty of merchantability or fitness for any particular purpose, infringement, or any other written, oral, or implied warranties. HT makes no warranties or representations as to characteristics, quality, or performance of any products sold to purchaser except as otherwise provided herein. If for any reason any implied warranty cannot be excluded under applicable law, then the duration of such warranty is expressly limited to twenty (20) days from the date of shipment by HT.

B: HT shall have no obligation under this Warranty if damage occurs because of improper handling or operation, abuse, misuse, unauthorized repairs or alterations made or attempted, or where equipment is operated outside of design specifications and/or operating instructions provided by HT.

c. The performance of the products is expressly based on the technical specifications set forth in the applicable quote provided by HT. Any changes in these specifications or the purchaser's application, engineering, system and/or requirements shall automatically void the Warranty.

d. No agent, employee or representative of HT has any authority to bind HT to any representation or warranty concerning the products sold under these Terms and Conditions. Unless a representation or warranty made by an authorized agent, employee or representative of HT is specifically included in writing within these Terms and Conditions or in HT's design specifications for the particular HT product and specifically identified as an "Additional Warranty", any such item shall be void.

e. Notice of Claims: Immediately upon receipt of the products, purchaser must inspect same. All claims, including claims for alleged defective goods, must be made to HT in writing within fifteen (15) days after purchaser learns of facts upon which such claim is based. All claims not made in writing and received within the time period specified above shall be deemed waived. Purchaser expressly hereby assumes all liability for all damages and injury occurring before and after said time period if notice is not made within the required time frame. Any lawsuit or legal action whatsoever by purchaser against HT relating to any product purchased hereunder must be filed within one (1) year following the date of purchase of the product, notwithstanding any statute of limitations or similar law.

f. HT liability for any and all losses and damages to purchaser, in any way arising out of or connected with this transaction, from any cause whatsoever, shall be limited to the repair or replacement of defective material or workmanship. In no event shall HT be liable for consequential or indirect damages.

10) **WAIVER:** The failure of HT to insist in any one or more instances, upon the performance of any of the Terms or Conditions as set forth herein or the failure of HT to exercise any of its rights hereunder shall not be construed as a waiver or relinquishment of any such terms, conditions or rights thereunder and shall not effect HT's right to insist on strict performance and compliance with regard to any future performance of these Terms and Conditions.

11) **TAXES:** All taxes and other governmental charges upon the production, sale or use of the products to the extent required or not forbidden by law to be collected by HT from Purchaser, shall be paid by Purchaser to HT unless Purchaser furnishes HT with exemption certificates acceptable to the relevant taxing authorities.

12) **INSURANCE AND INDEMNIFICATION:** Purchaser shall at all times maintain a comprehensive program of risk management and adequate broad form liability insurance in connection with Purchaser's business, operations and activities. Purchaser shall at all times indemnify, defend and hold HT, its officers, directors, employees, agents, servants and representatives harmless from and against any and all damages, liabilities, losses, claims, suits, penalties, fines, costs and expenses, including attorneys' fees, arising directly or indirectly out of or in connection with any (a) infringement of any patent, trademark or other intellectual property right arising from compliance by HT with Purchaser's design or specifications; (b) Purchaser's use, operation or possession of the HT products; or (c) breach by Purchaser of any provision of any agreement with or obligation to HT.

13) **INTELLECTUAL PROPERTY:** Purchaser understands and acknowledges that the HT products may contain particular aspects, designs, components and/or characteristics that constitute or reflect the intellectual property of HT. Purchaser shall not for itself or permit others to disclose, copy or study HT products which may result or lead to the unauthorized transfer, duplication, replication, diminution and/or infringement of HT's intellectual property rights. Purchaser shall immediately notify HT in writing of any such actual or attempted act or event including all reasonable details and information and cooperate with HT's investigation thereof. No licenses or rights concerning HT's inventions and intellectual property are or shall be implied or granted herein and HT shall retain full ownership of all of its inventions and intellectual property.

14) **EXPORT CONTROL:** Purchaser will not use, distribute, transfer or transmit any products, components or technical information (even if incorporated into other products) provided in connection with this transaction except in compliance with U.S. export laws and regulations (the "Export Laws"). Purchaser will not, directly or indirectly, export or re-export the following items to any country which is in the then current list of prohibited countries specified in any applicable Export Laws: (a) products, components or technical data disclosed or provided to Purchaser by HT; or (b) any improvements or variations of such products, components or technical data. Purchaser agrees to promptly inform HT in writing of any written authorization issued by the U.S. Department of Commerce office of export licensing to export or re-export any such items referenced in (a) or (b). The obligations stated above in this clause will survive the expiration, cancellation or termination of this transaction or any other related agreement.

15) **TRANSLATION:** This document may be translated into one or more languages; however, the English translation shall be the official version and shall prevail over all other translations. All dollar amounts are United States currency unless specified otherwise. Purchaser shall abide by the United States Foreign Corrupt Practices Act of 1997, as amended.

16) **AUTHORITY:** The individual signing any documents on behalf of Purchaser acknowledges, represents and warrants that he or she has read and understands these Terms and Conditions and has been duly authorized by the Purchaser to sign on behalf of the Purchaser and bind the Purchaser to these terms and conditions.

17) **GOVERNING LAW:** All aspects of these Terms and Conditions shall be governed by the laws of the Commonwealth of Pennsylvania, unless otherwise specified in these Terms and Conditions, and the parties agree that the Court of Common Pleas of Northampton County, Pennsylvania has and shall have jurisdiction and venue concerning any matters concerning HT and Purchaser. The parties further agree that the 1980 United Nations Convention on International Sale of Goods shall have no force or effect on transactions under or relating to the formation and performance of any sales agreement or these Terms and Conditions. Any dispute, claim or legal action between HT and Purchaser shall be brought in the Court of Common Pleas of Northampton County, Pennsylvania.

© 2015 HammerTek Corporation



FEL-CINCINNATI, OH WW (F528)  
11860 MOSTELLER ROAD  
CINCINNATI, OH 45241-1525

Phone: 513-942-2525  
Fax: 513-942-2533

Deliver To:  
From: Vincent Cox  
Comments:

11.C.4.a

11:21:20 APR 20 2020

Page 1 of :

FEL-FERGUSON WATERWORKS #527

Price Quotation  
Phone: 513-942-2525  
Fax: 513-942-2533

**Bid No:** B415289  
**Bid Date:** 04/20/20  
**Quoted By:** VAC

**Cust Phone:** 513-867-5300  
**Terms:** NET 10TH PROX

**Customer:** CITY OF FAIRFIELD  
5021 GROH LANE  
FAIRFIELD, OH 45014

**Ship To:** CITY OF FAIRFIELD  
5021 GROH LANE  
FAIRFIELD, OH 45014

**Cust PO#:** STOCK

**Job Name:**

| Item              | Description                                             | Quantity | Net Price | UM | Total     |
|-------------------|---------------------------------------------------------|----------|-----------|----|-----------|
| FF147310          | 4X10 SS REP CLMP 4.45-4.73                              | 3        | 110.260   | EA | 330.78    |
| SZF2S4            | *CVR* 4 ZIP FLG EQ UAS200-4                             | 4        | 58.790    | EA | 235.16    |
| DBPPEA53BP        | 4 BLK BE A53B S40 ERW SRL PIPE<br>COMES IN 21' SECTIONS | 42       | 1061.720  | C  | 445.92    |
| <b>Net Total:</b> |                                                         |          |           |    | \$1011.86 |
| <b>Tax:</b>       |                                                         |          |           |    | \$0.00    |
| <b>Freight:</b>   |                                                         |          |           |    | \$0.00    |
| <b>Total:</b>     |                                                         |          |           |    | \$1011.86 |

Quoted prices are based upon receipt of the total quantity for immediate shipment (48 hours). SHIPMENTS BEYOND 48 HOURS SHALL BE AT THE PRICE IN EFFECT AT TIME OF SHIPMENT UNLESS NOTED OTHERWISE. QUOTES FOR PRODUCTS SHIPPED FOR RESALE ARE NOT FIRM UNLESS NOTED OTHERWISE.

CONTACT YOUR SALES REPRESENTATIVE IMMEDIATELY FOR ASSISTANCE WITH DBE/MBE/WBE/SMALL BUSINESS REQUIREMENTS.

Seller not responsible for delays, lack of product or increase of pricing due to causes beyond our control, and/or based upon Local, State and Federal laws governing type of products that can be sold or put into commerce. This Quote is offered contingent upon the Buyer's acceptance of Seller's terms and conditions, which are incorporated by reference and found either following this document, or on the web at <https://www.ferguson.com/content/website-info/terms-of-sale>  
Govt Buyers: All items are open market unless noted otherwise.

LEAD LAW WARNING: It is illegal to install products that are not "lead free" in accordance with US Federal or other applicable law in potable water systems anticipated for human consumption. Products with \*NP in the description are NOT lead free and can only be installed in non-potable applications. Buyer is solely responsible for product selection.

Attachment: NonContractualAppropriations.051120 (1502 : Non-Contractual Appropriations)



HOW ARE WE DOING? WE WANT YOUR FEEDBACK!

Scan the QR code or use the link below to  
complete a survey about your bids:

<https://survey.medallia.com/?bidsorder&fc=528&on=15755>

Packet Pg. 160



## City Council Information Item Regular Meeting - May 11, 2020

Submitted by: Jason Hunold,  
Submitting Department: Public Utilities

### Subject:

Water Tank Telemetry Components

### Legislation Title:

Water Tank Telemetry and SCADA Components

**Background/Synopsis:** The City of Fairfield owns and operates five (5) elevated water storage tanks, with a total combined storage capacity of seven (7) million gallons (MG). Telemetry (communication) upgrades are necessary at all tank sites in order to replace outdated/obsolete radio communication equipment - and to ensure the continued transmission of reliable and real-time information between the sites and the City's Water Treatment Plant. The most important information is tank level - which in turn is used to dictate pumping rates at both the Water Plant and at the City's three Water Booster Stations.

Radios and outdated 'SCADA-packs' will be replaced with programmable logic controllers (PLC's), and communication between the tanks and the Water Treatment Plant's Supervisory Control and Data Acquisition (SCADA) system will be accomplished with use of cellular modems and a Verizon broadband (VPN) network connection. The proposed upgrades will improve communication with the SCADA system and the tanks, and will allow plant operations more control of water tank operation.

Additional components are needed including new electric enclosures and upgraded Remote Terminal Units (RTU) to complete the project. A proposal for the new equipment is attached for Council review. All necessary hardware/equipment will be installed in house by Public Utility Department staff.

**Financial Impact:** An appropriation in the amount of \$14,695.00 is being requested for the purchase of additional components needed to complete the Water Tank Telemetry upgrade project.

Funding for this project is included in the 2010-2024 Capital Improvement Program (CIP) under project number 0WT23, SCADA Integration. The funding source is the Water Surplus Fund.

It is recommended that City Council authorize an appropriation in the amount of \$14,695.00 from the Water Surplus Fund for the purchase of additional components needed to complete the Water Tank Telemetry upgrade project. Rules suspension is requested in order to expedite the work.

### Attachments:

1. Water Tank SCADA Upgrades

**Jason Hunold**

**From:** Peter Constantinides <peterc@pcs-technologies.com>  
**Sent:** Friday, March 27, 2020 3:35 PM  
**To:** Jason Hunold  
**Cc:** Shawna Constantinides  
**Subject:** RE: Fairfield WTP - Water Distribution Tank drawings

Jason,

I've recalculated costs for the additional h/w and redesign (basic retrofit to completely new panels).

Note: Original estimate included re-use of existing panel and accessories (other than PLC, switch, cell modem). Original estimate was also based on Micrologix 1100 which we've returned for credit.

The following summarizes costs versus what we initially budgeted:

Original PO Amount: \$ 17,833.00 (PO # 20191766)

|           |             |
|-----------|-------------|
| Services: | \$ 6525     |
| Hardware: | \$ 9520     |
| Spares:   | \$ 1,788.00 |

**The additional cost per RTU for hardware is: \$2989.45 (total of \$ 11,957.80)\*\*.** This includes the Hoffman enclosure components. I can break them out if you wish as follows:

|                                          |               |
|------------------------------------------|---------------|
| (1) Hoffman A362010LP 36x30x10 enclosure | \$ 503.63 ea. |
| (1) Hoffman A36P30 Subpanel              | \$ 101.00 ea. |
| (1) Hoffman 100W Heater Assembly         | \$ 195.42 ea. |
| Total Deduct for Hoffman:                | \$ 810.05 ea. |

**Total additional hardware w/o Hoffman: \$ 8,717.61**

\*\*Please refer to BOM drawing for complete list of equipment included.

Additional Spares cost (1) Micrologix 1400 versus Micrologix 1100 (\$ 336.74)

Additional Design Time: (16) Hrs at (150/hr (\$ 2400)

**Total additional cost for hardware for (4) RTUs, spares and design: \$ 14,694.55 (or \$ 11,454.35 w/o Hoffman components).**

Software integration services are not affected.

I'm sure this is a bit confusing, please feel free to call me to discuss. Thanks for your consideration.

Sincerely,

Pete Constantinides  
**PCS Technologies LLC**  
**6515 Winford Ave - Suite B**  
**Hamilton, OH 45011**  
**(513) 868-8727 Office**





## City Council Information Item Regular Meeting - May 11, 2020

Submitted by: Jason Hunold,  
Submitting Department: Public Utilities

### Subject:

Turblex Blower Service - Wastewater Treatment Plant

### Legislation Title:

Turblex Blower Service - Wastewater Treatment Plant

**Background/Synopsis:** The Wastewater Division included in its CIP Budget, Project Number 0WW19, a funding request for Turblex Blower Service. The Turblex Blower is a critical piece of equipment at the City's Wastewater Treatment Plant; the device supplies dissolved oxygen for the Activated Sludge Treatment Process. The 36,000 Hour Service is a necessary preventative maintenance measure which will increase the longevity of this critical piece of equipment.

Two proposals have been attached for review and the Wastewater Division recommends the service be performed by Lone Star Blower, which is the vendor who provided the lowest and best proposal.

**Financial Impact:** An appropriation in the amount of \$23,200.00 is being requested for preventative maintenance service for the Wastewater Divisions Turblex Blower.

Funding for this project is included in the 2020-2024 Capital Improvement Program under project number 0WW19, Turblex Blower Service. The funding source is the Sewer Surplus Fund.

It is recommended that City Council authorize an appropriation in the amount of \$23,200.00 from Sewer Surplus Fund for preventative maintenance service for the Wastewater Division's Turblex Blower.

### Attachments:

1. Fairfield WWTP KA10SV-GL210 Class 2 Service S-QUO1514
2. QUOTE HROAAH.AFM.000047 2018-04-11

## **CLASS 2 GEARED TURBO FIELD SERVICE PROPOSAL**

---

|            |                       |                 |           |
|------------|-----------------------|-----------------|-----------|
| ATTN:      | Jason Hunold          | OFFER NO.:      | S-QUO1514 |
| OWNER:     | Fairfield WWTP        | REPRESENTATIVE: | Pelton    |
| DATE:      | 10/18/2019            |                 |           |
| EQUIPMENT: | KA10SV-GL210 SN# 5951 |                 |           |

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SUPPLIER: LONE STAR BLOWER

LONE STAR BLOWER

By: *Colleen LeGrand*

8883 West Monroe Road  
Houston, Texas 77061

TEL: 832-532-3112  
FAX: 832-532-3115

Attachment: NonContractualAppropriations.051120 (1502 : Non-Contractual Appropriations)



## 2.0 OEM CLASS 2 INSPECTION / 36,000 HOURS

- Inspect for general condition of unit
- Identify any known issues from operators.
- Inspect and replace inlet filter if necessary
- Inspect and replace oil filter if necessary
- Check lube oil level, take sample and change as required
- Inspect inlet silencer
- Dismantle compressor air-end shroud
- Dismantle compressor air-end
- Inspect and clean variable vane system
- Check vane geometry
- Inspect and clean inlet guide vane system
- Inspect control arm of variable vane systems (inlet and or discharge)
- Check axial clearance between impeller and contour ring - adjust if required
- Remove gearbox inspection covers for visual observation of internal condition
- Check axial movement on high speed shaft
- Inspect ball bearings (GK units only): quoted if replacement is required
- Verify Check Valve operation
- Check coupling condition and do re-alignment and tightening torques of all bolts
- Inspect and tighten all mechanical and electrical connections
- Make start/stop of the blower to check running conditions
- Check for oil leaks
- Clean and test surge switch
- Verify all 4-20 mA current loops are operating properly
- Dismantle gearbox
- Inspect gearwheels, bearings, seals and check clearances
- Replace roller/ball bearings (GC series gearbox only)
- Replace slow shaft ball bearings (GK series gearbox only)
- Replace flexible seals (O-rings)
- Inspect electric motor, oil pump, oil cooler, coupling, and valves
- Check axial movement on high and low-speed shafts
- Prepare overhaul report for the blower

### • Additional Services Included by Lone Star above OEM recommendation

- Lone Star sends 2 technicians to site. (1) Senior and (1) Helper: No need for site assistance during service.
- Full Vibration Analysis of Blower and Motor prior to service to baseline unit.
- Full Vibration Analysis after service to verify satisfactory operation.
- Documentation and verification of oil gap for bearing tolerance and wear assessment.
- Verification check of all sensors reading accurate values or positional feedback to the PLC. (Verify readings on PLC and actual conditions). This includes all instruments, actuators, limit switches, pumps, fans etc. This is done to verify all alarm and trip functions are operating properly and accurately.
- Observe blower in automatic operation with sequencing or processing.
- Check motor running conditions and grease or oil bearing if required.
- Assess if gearbox should be Class 2 inspected from preliminary vibration analysis and temperature evaluation from Class 1. (Class 2 may not be needed at 36,000 and should be done on an as needed basis)
- A Lone Star Blower Oil Sample Kit is included in the Class 2 Service. The oil sample will be collected and sent in for analysis. This will provide valuable information on the internal works and wear of the blower.
- Detailed Report including total overhaul health of the blower system. Detailed run data and system operation. **See Sample Report.**

\*\* Local environmental regulations may prevent the technicians from starting up or running the blowers in the afternoon due to energy cost etc.- if this applies to your site this may affect the start-up schedule and may extend the trip incurring cost for per diem and actual labor costs.\*\*

Lone Star Blower is your ONE solution for Blower Systems

## Class 2 Labor Estimation:

KA10SV-GL210 (1 blower 4 days)

\*Dates are estimated -Labor will be billed according to actual hours worked.

### Labor estimation:

(8 hr work day): \$10,000.00

### Additional Cost:

Mobilization/Demobilization: \$ 6,209.00

Travel Per Diem (\$740.00\* per day) \$ 3,330.00

\*Covers Hotel, Meals, Rental Car for 2 workers

Replacement Parts (\*based on requirement) \$ 1,020.00

\*O-Rings, Turbo Cleaning Kit, Oil Sample Kit

Flight Cost + 15% (\*subject to change) \$ 2,600.00

\*Flight is estimated based on current rate actual flight cost will be billed.

**Class 2 Estimated Service Total:** \$23,129.00

### Comment:

\*All pricing is subject to change. Actual time, materials, and travel will be billed accordingly to the attached labor rate sheet /actual cost. PM Proposal pricing assumes time required to complete the described tasks. Any additional parts requirements outside of the attached scope will be quoted separately.

### Site Conditions:

The blower room must be clean and accessible. Lifting cranes and/or tools for lifting must be accessible. Sound enclosures will be removed prior to working on equipment. Special tools shipped with the equipment must be available for use. Any ordered spare parts must be available at the site for use.

\*Technician will need to take a baseline vibration snapshot before servicing the unit- please do not lock out until the technician has completed this step\*

### Line Item Parts:

#### Oil Sample Kit

Additional Samples \$84.85

#### Synthetic Oil Upgrade (extends life 2.5 times that of Petroleum)

55 Drum SO-32/46 \$2,419.00

5 Gallon Pail SO-32/46 \$241.93

### Optional Preventative Maintenance Agreements:

PM agreements on multiyear contracts receive discounted labor and parts pricing from the attached.

Lone Star Blower is your ONE solution for Blower Systems

# Lone Star Blower

**Starlube® Synthetic Lubricants**



**Starlube® Synthetic Lubricants are specifically designed to ensure maximum reliability and superior performance for geared and multistage turbo technologies.**



*Proper maintenance coupled with using prescribed lubricants is crucial to protecting your investment and the long-term reliability of your equipment. As a blower manufacturer, we can recommend the proper lubricants to use in any application or environment.*



## Geared Turbo Synthetic Oil

**SO-INFINITY** Offers up to 40,000 hours of maximum protection. A true Group V PAG synthetic oil, there is nothing better to last longer, run cooler, and protect against any possible varnishing.

**SO-32** A Group III synthetic oil offering protection twice as long as petroleum base lubricants and can upgrade your current installation.

## Multistage Turbo Synthetic Oil and Grease

**SO-46** A Group III synthetic oil for standard applications with superior rust and anti-oxidation properties combined with a great emulsifier of any condensation.

**SO-150** Similar to **SO-46**, but for higher temperature applications.

**SG-100** Synthetic grease offers extreme anti-corrosion and anti-oxidant characteristics to enhance its performance at higher speeds, heavy loads and at high temperatures.

Choose our **FO-100** oil and **FG-100** grease for applications with food grade requirements.



Attachment: NonContractualAppropriations.051120 (1502 : Non-Contractual Appropriations)

# Lone Star Blower

## Starlube® Synthetic Lubricants

| Starlube® Turbo Oil           | Multistage Turbo |        |        | Geared Turbo |         | Starlube® Grease             | Multistage Turbo |           |
|-------------------------------|------------------|--------|--------|--------------|---------|------------------------------|------------------|-----------|
|                               | SO-46            | SO-150 | FO-100 | SO-32        | SO-INFI |                              | SG-100           | FG-100    |
| Standard Run Hours*           | 8000             | 8000   | 6000   | 16000        | 40000   | Standard Run Hours*          | 8000             | 6000      |
| Sythetic Group Type           | 3 SH             | 3 SH   | 3 SH   | 3 SH         | 5 PAG   | NLGI Grade ASTM D217         | 2                | 2         |
| Color, Visual                 | Red              | Purple | White  | Blue         | Gold    | Color, Visual                | Blue             | White     |
| Viscosity cSt@ 40°C ASTM D445 | 46               | 150    | 100    | 32           | 25      | Thickener Type Complex       | Lithium          | Aluminium |
| Viscosity index ASTM D2270    | 129              | 127    | 128    | 129          | 165     | Penetration 25°C, ASTM D217  | 285              | 285       |
| Pour point °C ASTM D97        | -24              | -20    | -21    | -27          | -48     | Viscosity cSt@40°C ASTM D445 | 100              | 130       |

*Note: We supply oil in quart, gallon, five gallon, and 55 gallon increments. Grease is supplied in 15 ounce tubes.*



Our Lone Star Oil Sample Kit provides everything you need to take a sample of your oil and receive a detailed report of the analysis.

Each kit contains a carrying case, hand oil pump, tubing, sample jars that attach to the pump, shipping container, pre-paid postage envelope, and includes the cost of the analysis that will be sent to you and the factory for review.



*\*Oil and Grease should be changed when required. This is accomplished by sampling and determining the maintenance interval. • Never mix lubricants or over fill. • Consult your Operations and Maintenance manual for instructions.*



### LONE STAR BLOWER

+1 832 532 3112 Office  
+1 832 532 3115 Fax  
info@lonestarblower.com  
www.lonestarblower.com



# Lone Star Blower

Geared Turbo Field Service Report



Customer \_\_\_\_\_ Facility \_\_\_\_\_

Contact Name \_\_\_\_\_ Phone # \_\_\_\_\_

LSB Job # \_\_\_\_\_ Date \_\_\_\_\_ Manufacturer \_\_\_\_\_

Model # \_\_\_\_\_ SN \_\_\_\_\_

## The following jobs have been performed on compressor

- Test run to check oil tightness.
- Vibration level in test point (RMS-value) measured before disassembling of compressor (see notes).
- Dismounting of air inlet duct.
- Dismounting of silencer and air inlet filter.
- Dismounting of silencer.
- Check and replacement of air inlet filter.
- Cleaning and check of air inlet filter.
- Check of silencer.
- Repair of silencer
- Dismounting of outer diffuser drive system.
- Dismounting of outer prerotation drive system.
- Dismounting of inlet housing, volute casing, impeller/rotor and diffuser plate.
- Cleaning and check of all air-exposed surfaces, especially of impeller/rotor.
- Disassembling of inner diffuser drive system.
- Cleaning and check of all parts of the diffuser drive system.
- Assembling and check of diffuser drive system. Measuring of throat (see notes).
- Disassembling of inner prerotation drive system.
- Cleaning and check of all parts of prerotation drive system.
- Assembling and check of prerotation drive system.
- Disassembling of gear.
- Visual check of gear wheels, bearings, journal bearings and seals.

LSB Job# \_\_\_\_\_

Page | 1

Doc. No. LSB-7.5-008-01  
Revision: 00 05/02/2018

Packet Pg. 169

Attachment: NonContractualAppropriations.051120 (1502 : Non-Contractual Appropriations)

**LS Geared Turbo Field Service Report**

- Replacement of bearing pos. .
- Replacement of seal pos. .
- Replacement of ball bearing pos. .
- Replacement of roller bearing pos. .
- Replacement of O-rings and flexible gaskets.
- Cleaning of all parts.
- Assembling of gear.
- Check and measuring of clearance of axial bearing in gear (see notes).
- Check of lubricating oil and cleaning and check of oil tank. Change of lubricating oil.
- Check of coupling alignment and tightening of bolts (see notes).
- Check of drive motor (cleaning of fan and lubrication).
- Check of blow-off valve and non-return valve (functional test).
- Check of lube oil pump.
- Replacement of bearing and shaft seal in oil pump.
- Assembling of compressor. Visual check of all parts, including check of clearance of axial bearing in rotor (see notes).
- Check of clearance between impeller and covering (see notes).
- Replacement of O-rings.
- Mounting, check and adjustment of outer diffuser drive system. Mechanical limit switch adjusted to stop at scale value "0". Check of function and placing of limit switch (see notes).
- Mounting, check and adjustment of outer prerotation drive system. Check of function and placing of limit switch (see notes).
- Mounting of silencer.
- Mounting of silencer and air-inlet filter.
- Mounting of air inlet duct.
- Replacement of oil filter.
- Check/cleaning of oil filter.

**Start-up of compressor and check of:**

- Safety functions
- Oil tightness everywhere
- Vibration level (RMS-value) in test point when compressor has reached operational temperature (see notes)
- Oil cooler, oil pump and blow-off valve
- Start/stop and control sequences

**LS Geared Turbo Field Service Report**  
**INSTRUCTION MANUAL**

Does customer have IO&M Manual? Y N

**1. PIPING**

A. Is piping properly supported? Y N

If no, explain: \_\_\_\_\_

B. Are multiple units running in parallel? Y N

C. Is check valve installed? Y N

a. Is direction of flow correct? Y N

b. Is valve stem oriented correctly? Y N

c. Location of check valve Inlet Discharge

D. Is unit equipped with an air filter? Y N

a. Brand \_\_\_\_\_ Model \_\_\_\_\_

b. Material: Paper Felt Wire

c. Is unit equipped with silencers? Y N

i. Inlet Type \_\_\_\_\_

ii. Discharge Type \_\_\_\_\_

E. Is a pressure relief valve installed? Y N

a. Is PRV set properly? Y N

F. Additional Comments: \_\_\_\_\_

**2. BLOWER**

A. Has the blower been properly maintained during storage? Y N

a. If no, explain: \_\_\_\_\_

B. Is there any visible damage? Y N

a. If yes, explain: \_\_\_\_\_

C. Does shaft rotate freely? Y N

D. What type of belts/coupling used? \_\_\_\_\_

E. Is unit Oil or Grease lubricated? Oil Grease

F. If oil, is oil level correct? Y N

G. Oil filters changed? Y N

H. Additional Comments: \_\_\_\_\_

**3. MOTOR**

Brand \_\_\_\_\_ TEFC ODP HP: \_\_\_\_\_ Frame: \_\_\_\_\_

RPM \_\_\_\_\_ Voltage: \_\_\_\_\_ Class: \_\_\_\_\_

A. Is motor wired for proper voltage? Y N

B. Is there adequate room for ventilation of motor? Y N

C. Additional Comments: \_\_\_\_\_



**LS Geared Turbo Field Service Report****4. ALIGNMENT**

- |                                           |      |       |
|-------------------------------------------|------|-------|
| A. Has alignment been checked?            | Y    | N     |
| B. What type of alignment equipment used? | Dial | Laser |
| C. Alignment report attached?             | Y    | N     |

**5. Test Mode Operations**

- |                                                     |   |   |
|-----------------------------------------------------|---|---|
| A. Low low oil pressure switch operating correctly? | Y | N |
| B. Low oil pressure switch operating correctly?     | Y | N |
| C. Surge switch clean and operating correctly       | Y | N |

**6. STARTUP**

- |                                            |   |   |
|--------------------------------------------|---|---|
| D. Bump motor for rotation. Correct?       | Y | N |
| E. Is motor overloaded?                    | Y | N |
| F. Do amp meter match calibrated readings? | Y | N |
| G. Vibration levels acceptable?            | Y | N |
| H. Any leaks? Oil? Grease?                 | Y | N |

**7. TRAINING**

- |                                                                                         |   |   |
|-----------------------------------------------------------------------------------------|---|---|
| A. Have you reviewed blower and controls operation with customer?                       | Y | N |
| B. Have you explained surge and overload conditions?                                    | Y | N |
| C. Have you instructed the customer in routine blower, motor and accessory maintenance? | Y | N |

**8. MEASUREMENTS**

Vibration Levels as Found: \_\_\_\_\_

Vibration Levels as Left: \_\_\_\_\_

Vibration probe gap high speed shaft : X \_\_\_\_\_ Y \_\_\_\_\_ Thrust "Z" \_\_\_\_\_

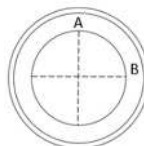
Limit Switch For DVG: \_\_\_\_\_

Limit Switch For IGV: \_\_\_\_\_

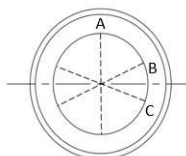
Hour Counter: \_\_\_\_\_

**9. Journal Bearing Measurements (Inboard)**

A \_\_\_\_\_ B \_\_\_\_\_

**10. Journal Bearing Measurements (Outboard)**

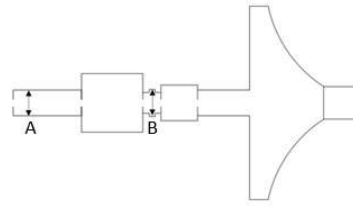
A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_



**LS Geared Turbo Field Service Report**  
**Shaft (O.D.)**

A \_\_\_\_\_

B \_\_\_\_\_

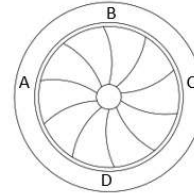


**11. SP1 Impeller Circ.**

**As Found:**

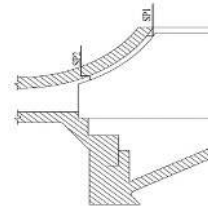
**As Left:**

A. \_\_\_\_\_  
 B. \_\_\_\_\_  
 C. \_\_\_\_\_  
 D. \_\_\_\_\_



**SP2 Impeller Inner Volute Casing**

Internal Gap : \_\_\_\_\_



**12. Diffuser Throat Clearance**

As Found: \_\_\_\_\_ mm

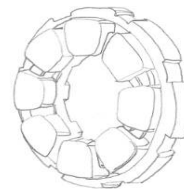
As Left: \_\_\_\_\_ mm



**13. Thrust Bearing Conditions**

Active Thrust: \_\_\_\_\_

Inactive Thrust: \_\_\_\_\_



**14. Axial Thrust**

As Found: \_\_\_\_\_ mm

As Left: \_\_\_\_\_ mm

Attachment: NonContractualAppropriations.051120 (1502 : Non-Contractual Appropriations)

## LS Geared Turbo Field Service Report

**FIELD DATA LOG**

Blower S/N: \_\_\_\_\_

Date: \_\_\_\_\_

|                  |                                                 |  |  |  |  |  |  |  |
|------------------|-------------------------------------------------|--|--|--|--|--|--|--|
| SKID READINGS    | VD (SCALE)                                      |  |  |  |  |  |  |  |
|                  | IGV (SCALE)                                     |  |  |  |  |  |  |  |
|                  | INLET TEMPERATURE (F)                           |  |  |  |  |  |  |  |
|                  | DIFFERENTIAL PRESSURE (PSI)                     |  |  |  |  |  |  |  |
|                  | DISCHARGE PRESSURE (PSI)                        |  |  |  |  |  |  |  |
|                  | OIL PRESSURE (PSI)                              |  |  |  |  |  |  |  |
|                  | OIL TEMPERATURE ( F)                            |  |  |  |  |  |  |  |
| MCC/LCP READINGS | TIME OF DAY                                     |  |  |  |  |  |  |  |
|                  | HOUR METER                                      |  |  |  |  |  |  |  |
|                  | IGV POSITION                                    |  |  |  |  |  |  |  |
|                  | VD POSITION                                     |  |  |  |  |  |  |  |
|                  | DIFFERENTIAL PRESSURE                           |  |  |  |  |  |  |  |
|                  | INLET AIR TEMPERATURE                           |  |  |  |  |  |  |  |
|                  | OIL RESERVOIR TEMPERATURE                       |  |  |  |  |  |  |  |
|                  | BLWR SS SHAFT ODE / DE BRG TEMPERATURE          |  |  |  |  |  |  |  |
|                  | BLWR HS SHAFT IMP / OPP IMP END BRG TEMPERATURE |  |  |  |  |  |  |  |
|                  | BLWR HS SHAFT THRUST BRG TEMPERATURE            |  |  |  |  |  |  |  |
|                  | BLWR HS SHAFT IMPELLER END VIBRATION X / Y      |  |  |  |  |  |  |  |
|                  | BLWR HS SHAFT "Z" POSITION                      |  |  |  |  |  |  |  |
|                  | MOTOR AMPERAGE                                  |  |  |  |  |  |  |  |
|                  | MOTOR "A" WINDING TEMPERATURE                   |  |  |  |  |  |  |  |
|                  | MOTOR "B" WINDING TEMPERATURE                   |  |  |  |  |  |  |  |
|                  | MOTOR "C" WINDING TEMPERATURE                   |  |  |  |  |  |  |  |
|                  | MOTOR DE / ODE BRG TEMPERATURE                  |  |  |  |  |  |  |  |
|                  | MOTOR SHAFT DE X / Y VIBRATION                  |  |  |  |  |  |  |  |
|                  | MOTOR SHAFT ODE X / Y VIBRATION                 |  |  |  |  |  |  |  |
|                  | DISCHARGE AIR TEMPERATURE                       |  |  |  |  |  |  |  |
| FLOW AT DCS      |                                                 |  |  |  |  |  |  |  |

Attachment: NonContractualAppropriations.051120 (1502 : Non-Contractual Appropriations)

LS Geared Turbo Field Service Report

15. Notes:

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Additional Notes:

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16. STARTUP CERTIFICATION

Startup Completed by:

LSB Technician \_\_\_\_\_

Date \_\_\_\_\_

Customer Signature: \_\_\_\_\_

Date \_\_\_\_\_

Customer Printed Name: \_\_\_\_\_

Attachment: NonContractualAppropriations.051120 (1502 : Non-Contractual Appropriations)



Office: + 832 532 3112

Fax: + 832 532 3115

www.lonestarblower.com

## **Lone Star Blower, Inc**

### **TERMS & CONDITIONS OF SALE** **(EQUIPMENT AND/OR SERVICE)**

**1. GENERAL:** As used herein, "Seller" means Lone Star Blower "Purchaser" means the entity to which Seller's offer is made, or the entity purchasing Equipment and/or service from Seller. The term "Equipment" as used herein includes any and all products, equipment, parts, and accessories furnished by Seller to Purchaser. All offers and sales by Seller are expressly conditional upon these Terms and Conditions of Sale. Any terms or conditions in Purchaser's purchase order (or in any other Purchaser communication) which are different from or in addition to the terms and conditions contained in these Terms and Conditions of Sale are hereby objected to. All orders submitted to Seller are subject to approval by Seller's headquarters.

**2. DELIVERY:** The shipment/delivery period is an estimate only and commences after Seller's receipt of all necessary information, approvals, and signed submittals with release for manufacturing. In no event shall delivery be construed as falling within the meaning of "time is of the essence". Seller reserves the right to deliver in installments. Unless otherwise specified in Seller's quotation, delivery is F.O.B. Seller's manufacturing facility.

**3. TITLE and RISK OF LOSS:** Unless otherwise specified in Seller's written quotation, title and risk of loss or damage to the Equipment shall pass to Purchaser upon tender of delivery F.O.B. manufacturing facility. Notwithstanding the foregoing, a security interest in the Equipment or any replacement shall remain in Seller, regardless of mode of attachment to realty or other property, until full payment has been received by Seller. Purchaser agrees upon request to do all things and acts necessary to perfect and maintain said security interest and shall protect Seller's interest by adequately insuring the Equipment against loss or damage from any cause.

**4. TAXES:** Purchaser shall be responsible for applicable local, state and federal taxes which may be now or hereafter be applicable to, measured by, or imposed upon, or with respect to this transaction, the Equipment, its sale, its value or its use, or any services performed in connection therewith (except any taxes on Seller's income). If sales, use or other State or Municipal taxes in addition to any listed specifically as part of the stated purchase price, are imposed upon Seller, Purchaser agrees to pay the same or reimburse Seller upon demand. Seller will accept a valid exemption certificate from Purchaser, if applicable. If an exemption certificate previously accepted by Seller is not recognized by the governmental taxing authority involved, Purchaser agrees to promptly reimburse Seller for any taxes covered by such exemption certificate which Seller is required to pay.

**5. PAYMENT:** Unless specifically agreed otherwise in writing, payment is due in full within 30 days of the invoice date. Seller reserves the right to charge late fees on overdue amounts at a monthly rate of 1.5% (one and a half percent) or the rate permitted by law, whichever is lower. Purchaser shall have no right to set-off against any amounts which may become payable to Seller under this contract or otherwise, for amounts which Seller may allegedly or in fact owe Purchaser or any affiliate of Purchaser or assignee whether arising under this contract or otherwise. Any waiver by Seller of any lien or lien right shall be conditioned upon Purchaser's timely payment to Seller of all amounts due.

**6. INSTALLATION:** Unless Seller's written quotation specifies that Seller will perform installation of the Equipment, it is understood and agreed that Seller will not perform any installation of the Equipment.

**7. START-UP, OTHER SERVICE:** Any service (for example, Equipment start-up, if applicable) to be performed by Seller is specified in Seller's written quotation. Dates/time for the service is subject to scheduling and confirmation by Seller's service department. Seller's performance of service is subject to Seller's normal working hours (8:30 am to 5:00 pm, Monday through Friday excluding public holidays), unless expressly agreed otherwise. If any forklift, crane, and/or other lifting or rigging equipment or lighting equipment is necessary (as reasonably determined by Seller's service technician) for Seller to perform the service, Purchaser shall supply such equipment at its own expense together with sufficiently skilled and qualified labor in connection therewith, unless expressly agreed otherwise. If Purchaser requests Seller to comply with Purchaser's safety programs/procedures in connection with performing service at Purchaser's premises, Seller shall comply with such safety programs/procedures that have been provided in advance to Seller in writing with reasonable opportunity to review/implement, to the extent they are reasonable and applicable to the scope of Seller's activities at the premises.

**8. INSURANCE:** During the term of the Contract, Seller agrees to have the following insurance coverage:

- a) Commercial General Liability insurance in an amount of \$1,000,000 each occurrence for bodily injury and physical damage to tangible property, subject to an annual aggregate not to exceed \$2,000,000;
- b) Automobile Liability insurance in an amount of \$1,000,000 combined single limit each occurrence;
- c) Worker's Compensation insurance in accordance with applicable statutory law; and
- d) Employer's Liability insurance in an amount of \$1,000,000 for bodily injury each accident or disease.

If Seller will physically enter onto Purchaser's premises (or a third party's premises) in connection with the sale of the Equipment/ service, Seller agrees to, at Purchaser's reasonable request, provide an ACORD form of certificate confirming the above-stated insurance coverage.



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Seller shall have no other insurance-related requirement, unless specifically agreed to in writing by an authorized manager of Seller in connection with the order.

**9. RETURN POLICY:** Shipping and handling charges are not refundable. Purchaser is responsible for the return shipping fee. All returned items are subject to a 30% restocking fee. Returned items must be in brand new condition with all packaging enclosed in the exact condition in which you received them. Special order or non-stock items will not be accepted for return/refund.

**10. CANCELLATION:** Each party has the right to cancel the order/contract in whole or in part in writing with immediate effect if the other party becomes insolvent, makes a general assignment for the benefit of creditors, suffers or permits the appointment of a receiver for its business or assets, becomes subject to any proceeding under any bankruptcy or insolvency law, or has wound up or liquidated (voluntarily or otherwise). In addition, each party has the right to cancel the order/contract or any part thereof if the other party fails, within 30 days after receipt of written notice from the non-breaching party specifying the material breach and intent to terminate, to commence and diligently pursue cure of the breach. Unless an order is cancelled by Purchaser in accordance with this paragraph, Purchaser shall pay Seller's cancellation charges if Purchaser cancels the order (including if Purchaser cancels the order for Purchaser's convenience). The cancellation charges shall be reasonable and may include (among other things) all costs and expenses incurred, and commitments made by Seller and a reasonable profit thereon. Notwithstanding anything set forth to the contrary, Seller may suspend Seller's performance or cancel the order/contract (or any part thereof) immediately if Purchaser fails to provide payment security (if applicable) or if Purchaser fails to make any payments when due.

**11. WARRANTY:** Seller hereby warrants to Purchaser that the Equipment manufactured or distributed by it and delivered hereunder will be free from defects in material and workmanship under proper use and service; this warranty shall expire one (1) year from start-up or 18 months from the original shipment date from Seller's manufacturing facility whichever comes first. This warranty applies only to Equipment manufactured by Seller and does not cover motors, starters, electrical equipment or other components or accessories manufactured by others. Seller will repair or replace, F.O.B. its factory, any defective part or parts, at no charge, if promptly returned to it within the above-noted warranty period. This warranty extends only to the original purchaser of Equipment furnished hereunder and shall be void if the Equipment is repaired or tampered with in any manner other than by Seller's authorized service personnel. If Seller's inspection does not disclose a defect covered by the warranty, the Equipment will be returned to Purchaser at its expense or, if Purchaser elects, Seller will repair or replace the equipment and charge for such service at the regular rate.

Seller hereby warrants to Purchaser that all other Equipment manufactured by Seller and delivered hereunder will be free from defects in material and workmanship under proper use and service; this warranty shall expire one year from the original shipment date from Seller's manufacturing facility. This warranty applies only to Equipment manufactured by Seller and does not cover components or accessories outside of

standard packaged equipment offered. Seller will repair or replace, F.O.B. its factory, any defective part or parts, at no charge, if promptly returned to it within the warranty period. This warranty extends only to the original purchaser of Equipment furnished hereunder and shall be void if the

product is repaired or tampered with in any manner other than by Seller's authorized service personnel. If Seller's inspection does not disclose a defect covered by the warranty, the Equipment will be returned to Purchaser at its expense or, if Purchaser elects, Seller will repair or replace the Equipment and charge for such service at the regular rate.

Seller warrants to Purchaser that Equipment or parts thereof repaired or replaced pursuant to the above warranty under proper use and

service against defects in workmanship and material; this warranty shall expire 60 days from date of start-up of such repaired or replaced

Equipment or parts thereof or on the expiration of the original Equipment warranty, whichever is later.

If the nature of the defect is such that it is appropriate in the judgment of Seller to do so, repairs shall be made at the site of the Equipment. Seller warrants to Purchaser that any services performed by Seller in connection with startup or other servicing of Equipment shall be

performed in a workmanlike manner; this warranty shall expire 60 days after the service date visit. If any nonconformity with this warranty

appears, Seller shall re-perform the non-conforming portion of the services in a conforming manner.

Any warranties granted beyond those stated above must be specifically identified as a warranty in Seller's specific quotation.

Correction by Seller of nonconformities (i.e. repair or replacement of Equipment that is defective in material or workmanship, and re-

performance of service which was not performed in a workmanlike manner) in the manner and warranty period provided above shall be

Purchaser's exclusive remedy (and Seller's exclusive obligation) with respect to nonconforming Equipment and/or services.

In the event Purchaser and Seller agree that Seller will sell any used Equipment to Purchaser, such used Equipment is sold AS-IS, WITH ALL FAULTS, AND WITHOUT WARRANTY OF ANY KIND.





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**THE ABOVE-STATED WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER WRITTEN, ORAL, IMPLIED, OR OTHERWISE. SELLER HEREBY EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE.**

**12. CONFIDENTIALITY:** In connection with the order and/or performance under this contract, Seller and Buyer (as to information disclosed, the "Disclosing Party") may each disclose Confidential Information to the other party hereto (the "Receiving Party"). "Confidential Information" shall mean all information related to the business or products (including but not limited to the Equipment) or services of the Disclosing Party that is not generally known to the public, and all pricing and terms of this contract, provided that the obligations of this paragraph shall not apply as to any portion of the Confidential Information which: (i) is or becomes generally available to the public other than as a result of disclosure by the Receiving Party, its representatives or its affiliates, or (ii) has been or is subsequently independently developed by the Receiving Party, its representatives or affiliates, without reference to the Confidential Information, or (iii) is required to be disclosed by law or valid legal process provided that the Receiving Party who intends to make such disclosure shall promptly notify the Disclosing Party in advance of such disclosure and reasonably cooperate in attempts to maintain the confidentiality of the Confidential Information. The Receiving Party agrees, except as otherwise required by law: (i) to use the Confidential Information only as the Disclosing Party intended it to be used by the Receiving Party in connection with providing or receiving the Equipment/service under this contract, and (ii) to take reasonable measures to prevent disclosure of the Confidential Information, except disclosure to its employees to the extent necessary to facilitate providing or receiving Equipment/services as contemplated under this contract. Upon the Disclosing Party's request, the Receiving Party shall destroy or return to Disclosing Party all copies of Confidential Information. If either party or any of their respective affiliates or representatives is required or requested by subpoena, interrogatories, or similar legal process

to disclose any Confidential Information, such party agrees to provide the Disclosing Party with prompt written notice of such request, so that the Disclosing Party may seek an appropriate protective order or waive compliance by the Receiving Party with the provisions herein. It is understood and agreed that this paragraph survives any expiration/termination of this contract.

**13. INTELLECTUAL PROPERTY:** No patents, copyrights, trademarks, trade secrets, or other intellectual property rights are being sold, granted, transferred, or assigned to Purchaser. Without limiting the generality of the foregoing, Seller retains all right, title and interest in and to all inventions, discoveries, ideas, works of authorship (including but not limited to all drawings), processes, methods, know-how, and techniques developed, discovered or conceived by Seller or its employees, including without limitation those developed and/or used in connection with the manufacture of Equipment or performing services hereunder. Such rights include, but are not limited to, patent rights, copyrights, trade secret rights, trademark rights, mask work rights and other proprietary rights throughout the world. Purchaser acknowledges and understands that no drawings, designs, specifications, or anything else provided by Seller shall be deemed to be "work made for hire."

**14. PATENT INDEMNITY:** Seller shall defend any suit or proceeding brought against Purchaser and shall pay any adverse judgment entered therein so far as such suit or proceeding is based upon a claim that the use of the Equipment or any part thereof manufactured by Seller, and furnished under this contract constitutes infringement of any patent of the United States of America, provided Seller is promptly notified in writing and given authority, information and assistance for defense of same, and Seller shall, at its option, procure for Purchaser the right to continue to use said Equipment, or modify it so that it becomes non-infringing, or replace the same with non-infringing equipment, or remove said Equipment and to refund the purchase price (less a reasonable amount for the time the Equipment was used). The foregoing shall not be construed to include any agreement by Seller to accept any liability whatsoever in respect to patents for inventions including more that the Equipment furnished hereunder, or in respect of patents for methods and processes to be carried out with the aid of said Equipment, except those which are inherent in the Equipment as furnished. The foregoing states the entire liability of Seller with regard to patent infringement. If any Equipment shall be sold by Seller to meet Purchaser's specifications or requirements and is not a part of Seller's standard line offered by it to the trade generally in the usual course of Seller's business, Purchaser agrees to defend, protect, and indemnify and save harmless Seller from any loss, damage, or injury arising out of a claim, suit or action at law or equity for actual or alleged infringement of any patent of the United States or foreign country because of the sale of such Equipment, and to defend any suits or actions which may be brought against Seller.

**15. SOFTWARE:** In the event any Equipment includes software in any form, such software is not sold to Purchaser but is only licensed on a limited, non-exclusive basis. Subject to Purchaser's compliance with these terms and conditions of sale, Seller grants to Purchaser for the useful life of such Equipment a royalty-free, non-exclusive, non-transferable license to use the software as intended by Seller solely for normal use of the Equipment. Purchaser shall not create derivative works based on the software, or reverse engineer, or disassemble or decompile the software, or transfer, copy, modify, or otherwise change the software.

**16. EXPORT CONTROL:** Equipment, technical data, technology, software, and services furnished by Seller to Purchaser shall at all times be subject to any and all applicable export control laws and regulations, including but not limited to applicable U.S. Export Administration Regulations, United Nations resolutions and European Union directives relating to trade embargoes and restrictions. Purchaser agrees and warrants that no Product, services, technical data, technology, software or other technical information or assistance or other item furnished by Seller, or any good or product resulting therefrom, shall be exported or re-exported by Purchaser or its authorized transferees, if any, directly or indirectly, in violation of any law or regulation.



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Any export and/or re-export must be in strict accordance with applicable U.S. export laws and regulations, as well as United Nations resolutions and European Union directives relating to trade embargoes and restrictions. Violation of this paragraph constitutes a material and non-curable breach and entitles Seller to terminate the order immediately (even after shipment of the Equipment).

**17. FORCE MAJEURE:** If either party is delayed at any time by any Force Majeure, such party shall have such additional time within which to perform its obligations as may reasonably be necessary under the circumstances. "Force Majeure" means circumstances beyond the delayed party's reasonable control, including but not limited to, acts of God, acts of public enemies, wars, delays by Seller's suppliers, blockades, insurrections, riots, epidemics, quarantine restrictions, floods, lightning, fire, storms, earthquakes, and civil disturbances.

**18. LIMITATION OF LIABILITY:**

IN NO EVENT SHALL SELLER BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS OR REVENUE, LOSS OF TOTAL OR PARTIAL USE OF THE EQUIPMENT OR SERVICES, DOWNTIME COSTS, AND DELAY COST) HOWSOEVER ARISING, WHETHER ON ACCOUNT OF EQUIPMENT OR SERVICES FURNISHED HEREUNDER, DELAYS OR OTHERWISE (WHETHER A CLAIM IS BASED ON WARRANTY, STRICT LIABILITY, CONTRACT, TORT, NEGLIGENCE OR OTHERWISE).

SELLER'S TOTAL LIABILITY FOR ALL CLAIMS OF ANY KIND (WHETHER BASED ON WARRANTY, STRICT LIABILITY, CONTRACT, TORT, NEGLIGENCE OR OTHERWISE) FOR ANY LOSS OR DAMAGE ARISING OUT OF, CONNECTED WITH, OR RESULTING FROM THIS CONTRACT OR THE PERFORMANCE OR BREACH THEREOF, OR FROM THE DESIGN, MANUFACTURE, SALE, DELIVERY, RESALE, REPAIR, REPLACEMENT, INSTALLATION, TECHNICAL DIRECTION OF INSTALLATION, INSPECTION, SERVICING, OPERATION OR USE OF ANY EQUIPMENT COVERED BY OR FURNISHED UNDER THIS CONTRACT SHALL BE LIMITED TO 100% OF THE PURCHASE PRICE AMOUNT PAID BY PURCHASER TO SELLER UNDER THIS CONTRACT FOR THE SPECIFIC EQUIPMENT OR SERVICE WHICH GIVES RISE TO THE CLAIM. ALL CAUSES OF ACTION AGAINST SELLER ARISING OUT OF OR RELATING TO THIS CONTRACT OR THE PERFORMANCE HEREOF SHALL EXPIRE UNLESS BROUGHT WITHIN ONE YEAR OF TIME OF ACCRUAL THEREOF.

**19. MISCELLANEOUS:**

**19.1** If for any reason, Seller's quotation (or any other document or act by Seller) is deemed an acceptance of an offer from Purchaser, such acceptance is expressly conditional upon Purchaser's assent to any additional or different terms or conditions set forth in these Terms and Conditions of Sale. **19.2** No modification or additional term or condition shall be applicable to this contract by virtue of Seller's receipt, acknowledgment or acceptance of Purchaser's purchase order, shipping instruction forms, or other Purchaser documentation containing terms or conditions which are different from or in addition to those set forth in these Terms and Conditions of Sale. Any such modifications or additional terms or conditions are specifically rejected and deemed a material alteration hereof. Purchaser's issuance of a purchase order or Purchaser's acceptance of any drawings, Equipment, or services from Seller shall (without prejudice to any other manner in which acceptance of these Terms and Conditions of Sale may be evidenced) constitute full acceptance of these Terms and Conditions of Sale.

**19.3.** Neither party shall assign or transfer this contract without the prior written consent of the other party (which consent shall not be unreasonably withheld); any purported assignment in violation of this sentence shall be void. Irrespective of the foregoing, Seller may without consent assign this contract (or any of rights or obligations hereunder) to any of its affiliates and use sub-contractors.

**19.4.** If any part of this document is held by a court of competent jurisdiction to be invalid or unenforceable for any reason, such invalidity or enforceability does not affect any other provision, and this document shall be construed as if the invalid or unenforceable provision had never been set forth.

**19.5.** Neither party's failure to enforce, or its waiver of a breach of, any provision contained in this document shall constitute a waiver of any other breach or of such provision.

**19.6.** The validity, performance, and all other matters relating to the interpretation and effect of this contract shall be governed by the laws of the State of Texas, USA, without regard to its conflict of laws principles, and the exclusive forum shall be the State of Texas. The United Nations Convention on the International Sale of Goods shall not apply.

**19.7** These Terms and Conditions of Sale cannot be superseded, amended, or modified except by a written document signed in handwriting by Seller's duly authorized officer and Buyer's duly authorized representative.

**19.8.** All headings, captions and numbering in these Terms and Conditions of Sale are for convenience of reference only and shall not be used to interpret any meaning of any terms or condition.

**19.9.** Seller and Purchaser are independent contractors; neither party shall act as the agent for the other. This contract is between Seller and Purchaser alone, and there are no intended rights or benefits provided hereunder to any third party.



# Proposal

## Class I service estimate for S203 Fairfield, Ohio WWTP

For compressors no. 62005951; type KA10-SV-GL210

**Proposal to:** Fairfield, Ohio WWTP  
**For:** Randy Hassler  
**Project:** Field Service

**Our reference:** HROAAH.AFM.000047  
**Your ref:** HROAAH.AFM.000047  
**Date:** April 11, 2018

Howden Roots LLC, HRO-S, 4654 West Junction Street, Springfield, MO 65802, USA

Tel: +1 417 380 5756  
 Email: Alicia.Hols@Howden.com  
 Web: www.howden.com

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Attachment: NonContractualAppropriations.051120 (1502 : Non-Contractual Appropriations)

Customer: Fairfield, Ohio WWTP Our ref: HROAAH.AFM.000047  
 Project: Field Service Your ref: HROAAH.AFM.000047  
 Site: 203 Fairfield, Ohio Date: 04/11/2018  
 WWTP



Contact: Randy Hassler  
 Email: rhassler@fairfield-city.org  
 Phone: 513-858-7760

Location: Fairfield, Ohio  
 Model: KA10-SV-GL210  
 Serial Number(s): 62005951

|                                                                         |            |                     |                 |
|-------------------------------------------------------------------------|------------|---------------------|-----------------|
| <b>Onsite Labor</b>                                                     |            |                     |                 |
| Total Number of Days Onsite (4 days / compressor)                       |            |                     | 4               |
| Quantity of Persons                                                     |            |                     | 1               |
| Weekday Labor (\$1400/ 8-hr work day)                                   |            |                     | \$5,600         |
| <b>Travel</b>                                                           |            |                     |                 |
| Airfare                                                                 |            |                     | \$1,380         |
| Weekday Roundtrip Travel Labor (1 trip)                                 |            |                     | \$2,800         |
| Meal Expense (4 days on site including weekends, 2 days travel)         |            |                     | \$390           |
| Lodging, Incidental, and Transportation Expenses                        |            |                     | \$1,260         |
| <b>Equipment/Parts</b>                                                  |            |                     | \$18,492        |
| Required Equipment/Parts for Class I service for 1 compressors include: |            |                     |                 |
| Quantity                                                                | Part #     | Description         |                 |
| 1                                                                       | 89412860   | O-RING              | \$141           |
| 1                                                                       | N17L57350  | O-RING, SILICON     | \$61            |
| 1                                                                       | 89412019   | O-RING              | \$4             |
| 2                                                                       | 89412020   | O-RING              | \$10            |
| 1                                                                       | 89027296   | O-RING              | \$2             |
| 1                                                                       | GL210T0092 | SHIM SET            | \$93            |
| 1                                                                       | GL210T0092 | SHIM SET            | \$93            |
| 1                                                                       | N17V3155   | O-RING              | \$88            |
| 1                                                                       | 300031     | Cleaning Kit A      | \$441           |
| Suggested spares:                                                       |            |                     |                 |
| Quantity                                                                | Part #     | Description         |                 |
| 1                                                                       | GL210T012  | JOURNAL BEARING     | \$4,948         |
| 1                                                                       | GL210T017  | JOURNAL BEARING     | \$6,189         |
| 1                                                                       | GL210T027  | SEALING RING, INNER | \$5,478         |
| 1                                                                       | GL210T001  | SEALING RING        | \$944           |
| <b>Toolbox Freight</b>                                                  |            |                     | \$350           |
| <b>Project Coordination</b>                                             |            |                     | \$750           |
| <b>Estimated Total for 1 units</b>                                      |            |                     | <b>\$31,022</b> |

#### Notes:

The above calculations are only estimates. The final price shall be calculated using the actual Time and Material. Time expenses shall include all project specific time at the fixed hourly rates above plus per diems in accordance with the attached Service Rate Sheet. Time shall include all time required to perform and support the project including, but not limited to, preparation, mobilization, demobilization, site specific safety training, travel, site meetings, and start up support.

This proposal assumes that the site will provide at least one qualified helper to assist the Howden technician.

This pricing also assumes that proper certified lifting will be available and the inlet filter/transition piece, and sound enclosures will be removed (if applicable) for access to perform Class I. Does not include craft labor and tools to support the work.

This proposal includes the typical replacement components for the service. Any significant wear or abnormalities identified requiring extra labor and/or parts shall be billed per Howden's standard Service Rate Schedule. Howden will provide an estimate of additional time and materials as required.

Attachment: NonContractualAppropriations.051120 (1502 : Non-Contractual Appropriations)

|           |                             |           |                   |
|-----------|-----------------------------|-----------|-------------------|
| Customer: | Fairfield, Ohio WWTP        | Our ref:  | HROAAH.AFM.000047 |
| Project:  | Field Service               | Your ref: | HROAAH.AFM.000047 |
| Site:     | 203 Fairfield, Ohio<br>WWTP | Date:     | 04/11/2018        |



This offer is made expressly subject to and conditioned upon acceptance of Seller's Standard Terms and Conditions of Sale for products and services, copy attached hereto. Any conflicting or additional terms submitted by Buyer in any request for quote, inquiry, purchase order or other document are expressly objected to without the need of any further notice of objection and they shall not, under any circumstances, be binding upon Seller unless expressly accepted in writing by Seller.

**Attachments:**

Field Service Rate Sheet, Howden Selling Policy, Suggested Preventative Maintenance Schedule, Pre-Service Checklist & Mandatory Lifting Device Reporting.

|                                      |                                                                                                                            |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Time and Material pricing per</b> | Howden Schedule of Field Service Rates TS 5000-1                                                                           |
| <b>Currency</b>                      | USD                                                                                                                        |
| <b>Terms of Payment</b>              | Net 30 Days                                                                                                                |
| <b>Terms of Delivery</b>             | DAP Fairfield, Ohio, USA                                                                                                   |
| <b>Terms and Conditions</b>          | Howden Roots LLC Standard Terms for Sale of Goods                                                                          |
| <b>Forward Purchase Orders to</b>    | Howden Roots LLC<br>4654 W. Junction Street<br>Springfield, MO 65802<br>USA<br>Phone: (417) 864-5599 / Fax: (417) 866-0235 |
| <b>Service Sales</b>                 | Matthew Mosier <a href="mailto:Matt.Mosier@Howden.com">Matt.Mosier@Howden.com</a>                                          |
| <b>Prepared By</b>                   | Alicia Hols <a href="mailto:Alicia.Hols@Howden.com">Alicia.Hols@Howden.com</a>                                             |

Attachment: NonContractualAppropriations.051120 (1502 : Non-Contractual Appropriations)





4654 W. Junction Street  
Springfield, MO 65802  
USA  
T (417) 864-5599  
After Hours Emergency #:  
(417) 929-2929  
[www.howden.com](http://www.howden.com)

## Schedule of Field Service Rates

A. The following rates apply for service in Continental North America:

Note: All rates are in U.S. Dollars

| Days                                              | Field Service Technician | Engineering Personnel   |
|---------------------------------------------------|--------------------------|-------------------------|
| Monday thru Friday (except holidays)              | First 8 Hours \$1400     | First 8 Hours \$2160    |
|                                                   | Over 8 Hours \$265/hour  | Over 8 Hours \$400/hour |
| Saturday, Sunday, and locally recognized holidays | All Hours \$350/hour     | All Hours \$540/hour    |

B. The following rates apply for service outside Continental North America:

| Days                                               | Field Service Technician | Engineering Personnel   |
|----------------------------------------------------|--------------------------|-------------------------|
| Monday thru Friday (except holidays)               | First 8 Hours \$1680     | First 8 Hours \$2240    |
|                                                    | Over 8 Hours \$320/hour  | Over 8 Hours \$425/hour |
| Saturday, Sunday, and locally recognized holidays. | All Hours \$425/hour     | All Hours \$560/hour    |

C. The following standards shall apply:

1. The minimum time off for a person during any 24-hour period must be eight (8) consecutive hours.
2. Travel time, Monday through Friday, will be invoiced at the Monday through Friday rates in Tables "A" & "B", up to a maximum of ten (10) hours each day of actual travel time in Continental North America and actual travel time outside of Continental North America. Actual travel time on Saturdays, Sundays and holidays will be at the Saturday, Sunday and Holiday rate in Tables "A" & "B".
3. Time spent on standby at the job site or locally on call shall be regarded as time actually worked, even though the services are not actually utilized, and will be charged at the 8-hour daily rate.
4. Rates apply from time and date of departure home base to time and date of return home base.
5. When a project is expected to exceed 5 continuous weeks, then after 3 weeks the Buyer will allow an extended weekend leave or rotation of personnel. Travel fees shall be by Buyer.
6. Air travel on flight segments exceeding 12 hours will be business class and shall be paid by Buyer. Air travel on flight segments exceeding 4 hours will be premium economy and shall be paid by Buyer.
7. Payments shall be in U.S. funds unless otherwise agreed in writing.
8. Rates quoted are subject to adjustment without notice to conform to Seller's published rates in effect at the time service is performed.

### D. Expenses

1. Meals will be \$65/day per diem to be charged from the day of travel start to the day of travel end.
2. Lodging, incidental expenses, transportation to and from the city nearest the jobsite, plus local transportation will be invoiced at cost plus 20% administrative fee. Receipt(s) to be provided when any expense exceeds \$25.00.
3. Transportation to and from the city nearest the jobsite, plus local transportation will be charged at cost plus 20% administrative fee. The mileage allowance for personal car use will be current U.S. government rate per mile.
4. Tool usage, when required, will be charged at a rate of \$350 per trip.
5. Expenses for Airline travel shall be charged at cost Plus a 20% administrative fee (Administrative fee shall not exceed \$500).

### E. Terms and Conditions

The sale of services by Howden Roots LLC ("Seller") is subject to Seller's Terms for Sale of Goods and if such terms differ in any way from Buyer's order, or if such terms are construed as an acceptance or confirmation acting as an acceptance, then Seller's acceptance is expressly made conditional on Buyer's assent to any terms or conditions contained in Seller's terms that are different from or additional to those contained in Buyer's writing. Further, this quote shall be deemed notice of objection to such terms and conditions of Buyer. If this quote is construed as the offer, acceptance of same is expressly limited to the terms and conditions contained herein. In any event, Buyer's order of the services shall constitute and manifest Buyer's assent to Seller's Terms for Sale of Goods.

TS 5000-1

HRO-S Nov 13, 2017

#### PROPRIETARY & CONFIDENTIAL

Important: This is a solicitation. It is subject to revocation without notice. All orders are subject to acceptance by Seller and the terms included.



## Howden Roots LLC Standard Terms for Sale of Goods

# Howden

**1. DEFINITIONS; SCOPE** - "Buyer" means the issuer of the purchase order and its attachments. "Seller" means Howden Roots LLC.; "Order" means Buyer's purchase order/contract, these terms and conditions of sale, Seller's acceptance and other attachments mutually agreed upon by the parties. "Goods" means the specified drawings, goods and parts as described in Seller's quotation/bid, this Order, and its attachments; "Services" means the specified supervision, testing, repair, or other services of Seller as described in Seller's quotation/bid, this Order, and its attachments. Delivery and scope of supply shall be based upon Seller's quotation/bid and any expressly agreed upon changes.

**2. ACCEPTANCE** - Buyer's acceptance of any Goods or Services from Seller shall constitute full acceptance of Seller's quote and these terms and conditions. These terms and conditions take precedence over Buyer's terms and conditions to which notice of objection is hereby given. No terms or conditions in Buyer's order shall be binding upon Seller unless specifically agreed to in writing by Seller. Neither Seller's commencement of performance or delivery shall be deemed as acceptance of Buyer's terms and conditions.

**3. TESTING AND INSPECTION** - If specified in the Order, Seller will conduct testing and/or inspection or review(s) by Buyer of the Goods or Services at Buyer's risks and costs. Buyer will receive written notice at least three (3) business days prior to such testing/inspection/review(s). If Buyer waives attendance or fails to attend, any testing/inspections/reviews will be deemed to have been made in Buyer's presence.

**4. TITLE & RISK OF LOSS** - Unless specified in the Order, Goods are being purchased EXW (Origin/Factory), Incoterms 2010. Title and risk of loss shall transfer to Buyer upon delivery to the agreed upon Incoterms point (or when delivery should have taken place but for fault of Buyer). Buyer agrees to document (with photos) and promptly advise Seller of any damage or freight claims. Goods that are not promptly and properly rejected by Buyer upon delivery shall be deemed irrevocably accepted; accepted Goods shall be subject to Seller's warranty herein.

**5. WARRANTY** - Seller warrants that: (i) the Goods will be of good material and workmanship; (ii) the Services shall be performed by competent and qualified personnel in a professional and workmanlike manner in accordance with generally established industry standards; and (iii) the Goods and Services will conform to the technical specifications and/or drawings expressly agreed upon between the parties in writing. Seller's warranties on the Goods will be in effect until the earlier of: (i) twelve (12) months from first operation/use of any such Goods or (ii) eighteen (18) months after date of delivery (at the applicable FOB/Incoterms point quoted by Seller). Seller's sole liability and Buyer's sole and exclusive remedy for breach thereof shall be the repair or replacement of such Goods by Seller, at Seller's option and cost (but not including transportation, removal, reinstallation, and decontamination). Seller's warranties on the Services will be in effect until ninety (90) days from the date of the performance of such Services. Seller's sole liability and Buyer's sole and exclusive remedy for breach thereof shall be the re-performance of such Services by Seller. Any warranty repair/replacement/re-performance pursuant to the above warranties shall be warranted by Seller for a period equal to the remainder of the original warranty period set forth above. No "evergreen" or "in-place" warranty is being provided. Seller shall have the sole right to specify the manner and timeframe for such repair/replacement/ re-performance. Defective/non-conforming parts(s)/Goods must be returned to Seller free of all contaminants and, in the event of replacement, will become the property of Seller unless Seller instructs otherwise. The warranty does not include the costs of fitting new parts or other Equipment. If Seller opts to perform any warranty obligations in-place, Buyer shall, without cost to Seller, during a specified time period agreed upon by the parties, provide access by disassembling, removing, replacing, and reinstalling any equipment, structures, or other obstructions to the extent necessary to permit Seller to perform its warranty obligations.

**THERE ARE NO WARRANTIES, CONDITIONS, GUARANTEES, REPRESENTATIONS, OR REMEDIES THAT EXTEND BEYOND THE FACE OF THESE TERMS AND CONDITIONS. ALL OTHER WARRANTIES, CONDITIONS, GUARANTEES, REPRESENTATIONS, OR REMEDIES EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE (INCLUDING ANY CONDITION OR WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE) NOT EXPRESSLY SET FORTH HEREIN, ARE FULLY DISCLAIMED AND EXCLUDED TO THE FULLEST EXTENT PERMITTED BY LAW. SELLER'S WARRANTIES DO NOT COVER ANY GOODS OR SERVICES THAT HAVE BEEN ALTERED OR SUBJECTED TO ACCIDENT OR IMPROPER STORAGE, INSTALLATION, ASSEMBLY, COMMISSIONING, MAINTENANCE, USE OR APPLICATION. SELLER DOES NOT WARRANT THAT THE GOODS WILL RESIST THE ACTION OF EROSION OR CORROSIVE GASES, LIQUIDS, OR SOLIDS, OR PRODUCE RESULTS IN COMPLIANCE WITH ANY LAWS, DECREES, OR OTHER STANDARDS.**

**6. INSTALLATIONS AND ASSEMBLY** - Unless specified in the Order, Seller is only the supplier of the Goods and shall have no responsibility for the assembly and installation of the Goods

**7. INTELLECTUAL PROPERTY** - Seller's intellectual property rights and proprietary information (in hard copy or in electronic format) remain the property of Seller. Notwithstanding any other provisions or requirements of this Order, no intellectual property or proprietary information is being sold, granted, transferred, licensed, or assigned; there are no works-made-for-hire or unrestricted use (any government rights shall be "limited rights"). Seller shall not be required to provide, or provide access to, any confidential or proprietary area or information. Buyer shall not reverse engineer or otherwise attempt to re-create the Goods/Services.

**8. PATENT INDEMNITY** - Except (i) to the extent of designs or other intellectual property provided by Buyer and/or (ii) to the extent that Goods are altered or combined by Buyer in a manner causing the infringement, Seller will indemnify Buyer from claims by third parties against Buyer if the Goods infringe any Canadian or United States patent. If an injunction is issued against the further use of the Goods, Seller will, at its option and expense: (i) procure for Buyer the right to continue using said item of Goods; or (ii) modify or replace the same with non-infringing Goods or (iii) remove the infringing Goods and refund the purchase price.

**9. BUYER MATERIALS** - Buyer-furnished material must be received by Seller in accordance with the delivery schedule agreed upon by both parties. If shipment of such material is delayed or lost, Seller reserves the right to: (i) Invoice and hold shipment awaiting such material or (ii) invoice and ship less such material. Buyer shall reimburse Seller for all liability incurred by Seller as a result of any such Buyer delay.

**10. ON-SITE SERVICES** - The following section shall apply only if Seller provides on-site Services to Buyer under this Order:

**10.1 Indemnity of Buyer.** Seller will indemnify Buyer from non-nuclear claims brought by third parties against Buyer for (i) bodily injury (including death) and (ii) property damage, each only to the extent directly caused by the negligence of Seller. Seller shall not be responsible for the acts/omissions of Buyer or others. Seller's indemnity obligations shall not apply to Buyer property or any nuclear activity/incident.

**10.2 Insurance.** Seller shall maintain the following insurance coverage : (1) Commercial General Liability with limits of \$1,000,000 combined single limit occurrence for Bodily Injury, Physical Property Damage of third party property, and Contractual Liability coverage, subject to an annual aggregate of \$2,000,000; (2) Automobile Liability - Bodily Injury/Physical Property Damage in the amount of \$1,000,000 combined single limit each occurrence; and (3) Workers Compensation Insurance - statutory, as to Seller's employees. If requested, Seller will provide an ACRD form of certificate confirming such coverage. Seller's provision of a certificate of insurance in accordance with Buyer's site requirements does not constitute Seller's acceptance of Buyer's terms of purchase. Seller shall have no other or further obligations related to insurance or coverage.

**10.3 Other On-site/Service Provisions.** Seller shall comply with applicable Canadian, U.S. and/or provincial/territorial/state statutes, acts, ordinances, regulations, codes, and laws that apply to Seller's performance of the Work. Seller shall comply with job/site requirements as mutually agreed upon by the parties. Seller is an independent contractor and is not responsible for oversight or supervision of work, property or employees of others, including health, safety, or security. Buyer shall advise Seller's personnel in advance of all known and/or suspected hazardous/unsafe conditions and risks that may be encountered while on-site, including proper Material Safety Data Sheets (MSDS). Seller's personnel shall not be required to take any action, or to enter or remain in any area where he/she reasonably





## Howden Roots LLC Standard Terms for Sale of Goods

# Howden

determines that it would be unsafe. Seller's employees, subcontractors, and representatives shall be given unobstructed access to the site and the work. Seller's time and expense for any delays not caused by Seller shall be charged to Buyer. Buyer shall be responsible for any damage to or loss of property of Seller or its subcontractors property if such damage/loss is not caused by Seller or its subcontractors.

**11. FORCE MAJEURE; SHIPMENT AND DELAYS** - Seller shall not be liable for damages or delay in performance arising from causes beyond its control or without its fault or negligence, including, but not limited to, acts of God or the public enemy, acts of a government in its sovereign capacity, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and/or severe weather. If Buyer requests that Seller store Goods or if delivery instructions are not promptly received from Buyer upon Seller's ready-to-ship notification, Seller may provide for storage of the Goods at Buyer's risk and expense or Buyer must provide for storage at Buyer's cost and risk. Shipments held beyond the scheduled date at the request or fault of Buyer may be billed immediately to Buyer including reasonable expenses incident to such delay, and Buyer shall assume title and risk of loss thereof. Liquidated/delay damages shall not apply to this order.

**12. TAXES & DUTIES** - Buyer shall be responsible for all sales, use, value added and similar taxes ("Sales Taxes") required on the Goods and Services, which shall be in addition to the consideration payable for such Goods and Services. If Seller invoices Buyer for such Sales Taxes, then Buyer shall pay such amounts to Seller concurrent with the payment of the consideration upon which such Sales Taxes are calculated. If Seller does not invoice Seller for such Sales Taxes, Buyer shall report and remit such Sales Taxes directly to the appropriate taxing authority within the time period required by law and shall provide evidence of such remittance to Seller upon request. Buyer shall be responsible for all import, export, customs duties, fees and similar charges ("Duties") in respect of the Goods and Services, and if Seller is required to pay any amount of Duties in respect of the Goods and Services, then Buyer shall reimburse Seller for such amount upon request.

**13. PAYMENT OF PURCHASE PRICE** - Buyer shall pay all invoices within thirty (30) days from the date of Seller's invoice ("Payment Due Date") by electronic funds transfer (EFT) or automated clearing house (ACH) transaction. If Buyer disputes all or part of an invoice, Buyer must (i) submit the dispute to Seller in writing within five (5) business days of the date of invoice or the entire amount of the invoice shall be due on the Payment Due Date; and (ii) pay all undisputed amounts on the Payment Due Date. If Buyer fails to pay an undisputed invoice on or before the Payment Due Date, Seller reserves the right to (i) charge late fees at the lesser of (i) the rate of 1.5% per month (18% per annum) or (ii) the maximum amount permitted by law; (ii) require Buyer to pay all of Seller's collection costs; and (iii) cease all work in relation to this Order (without obligation for liquidated damages, if applicable, incurred due to such cessation).

For milestone payments required under this Order, Seller may invoice on the original milestone completion date if the milestone is not met due to Buyer's fault, untimely response or unreasonable delay. In the event that Buyer seeks to modify the Purchase Order, Buyer agrees to make payments in accordance with the original contract terms until such time as modification is mutually agreed upon. Seller only waives claims for payment to the extent that such payments have been received by Seller. If, in Seller's reasonable opinion, Buyer's financial condition may jeopardize full or timely payment, Seller may (i) require full or partial payment as a condition to commencing or continuing its performance (including in advance of any shipment) or (ii) recover Goods from the carrier, if shipment has been made.

**14. CANCELLATION** - Buyer may cancel this Order, in whole or in part, upon at least seven (7) calendar days advanced written notice to Seller and payment for work performed, work in progress and Seller's costs incurred in effecting such termination. Buyer's cancellation costs shall not exceed the total Order price. Any Goods or Services sold by Seller that are incomplete shall be deemed to be sold "AS IS," "and" "WITHOUT WARRANTY OR GUARANTEE OF ANY KIND." Seller may cancel this Order, in whole or in part, at any time if: 1) Buyer suspends work or delays delivery beyond 45 days without it being mutually agreed upon in advance; (2) Buyer breaches any material term of this Order; and/or (3) Buyer files bankruptcy or otherwise fails to either make full and timely payments, meet its obligations, or provide further assurances.

**15. EXPORT CONTROL** - Goods supplied may be subject to export control, trade sanctions, or other export laws, regulations, rules and licenses of Canada, the United States or other countries ("Export Control Regulations"). Buyer agrees to comply with Export Control Regulations as well as any other applicable country's import control laws. Buyer further agrees that if Export Control Regulations are applicable, it will not disclose or re-export any technical data received under this order to any countries for which the United States government requires an export license or other supporting documentation at the time of export or transfer, unless Buyer has obtained prior written authorization from the United States Office of Export Control or other authority responsible for such matters. Unless otherwise mutually agreed upon by the parties, Buyer shall be responsible for obtaining export licenses or other approvals. The Order will not be accepted unless Seller is satisfied that the Goods can be supplied in compliance with the Export Control Regulations. In the event that any applicable Export Control Regulations prohibit or make impracticable Seller's performance hereunder, Seller will be released from all performance related to the Order. Seller will not be liable to Buyer for any losses, damages, or claims arising from such cancellation of the Order. Seller will not accept payment through a trade sanctioned country financial institution.

**16. NUCLEAR SALES (IF APPLICABLE)** - If Buyer or any ultimate end user intends to use the Goods or Services in any atomic/nuclear installation or activity, Buyer must notify Seller accordingly in advance and Seller's "Nuclear Indemnity" shall also apply and control (and such terms are hereby incorporated by reference for such purposes, as if fully set forth herein).

**17. LIMITATION OF LIABILITY; INDEMNITY CONDITIONS; EXCLUSIVE REMEDIES; OBLIGATIONS; & VALIDITY** - The following shall apply, govern, control, and survive at all times and to the fullest extent permitted by law:

**17.1** Seller shall not be liable for any loss of profit or revenue, loss of business, loss of contracts, or for any special, indirect, economic, incidental, consequential, or punitive damages or losses, whether based on contract, warranty, indemnity, statute, tort (including negligence), or otherwise pursuant and/or related to this Order.

**17.2** Seller's total liability pursuant and/or related to this Order whether for breach of contract or by reason of any tort (including negligence), statute, warranty, indemnity, or otherwise, shall in no event exceed the total price of the Order.

**17.3** Any duty to indemnify under these terms and conditions/the Order is conditioned upon Buyer: (i) providing prompt and detailed notice to Seller of any such claim; (ii) tendering the defense/settlement to Seller; and (iii) providing full cooperation, authority, and assistance to Seller.

**17.4** Buyer's rights and remedies shall be deemed sole and exclusive, and in place of those at law and equity. The exclusions and limitations set forth in these terms and conditions shall control at all times and survive any breach, or termination of the Purchase Order. If any provision of these terms and conditions of this Order or part thereof shall be held by judicial determination to be invalid or unenforceable they shall be severed from this Order and the valid or enforceable parts of these terms and conditions shall continue in full force and effect.

**18. ENTIRE CONTRACT; GOVERNING LAW & FORUM; OFFICIAL LANGUAGE; NO THIRD PARTY BENEFICIARIES; ASSIGNMENT** - These terms and conditions of sale cannot be amended, superseded, or modified except by a written document signed by Seller's duly authorized officer and Buyer's duly authorized representative. Governing law and forum of the terms of this Order shall be the laws (and exclusive forum) of the State of New York (USA), despite any conflicts of laws. The official language of this Agreement is English. It is the express wish of the parties that this Agreement and any related documents be drafted and executed in English. Il est la volonté expresse des parties que cette convention et tous les documents s'y rattachant soient rédigés et signés en anglais. The parties agree to exclusive venue in Erie County, New York. Buyer and Seller agree that this Order is between them alone, and there are no third party rights or beneficiaries. Seller may subcontract with third parties for the manufacture and/or purchase of all or part of the Goods and/or Services. Other than Seller's ability to use its vendors/subcontractors, neither party may transfer or assign this Order, in whole or in part, without the other party's express advance permission (which shall not be unreasonably delayed or withheld), and any assignment/transfer without proper consent shall be null, void, and of no force or effect. The parties expressly exclude the application of the United States Convention on Contracts for the International Sale of Goods.

Attachment: NonContractualAppropriations.051120 (1502 : Non-Contractual Appropriations)



# Pre-Service Checklist - Turblex

Please return to Howden HRO-S via email or fax at 417-866-0235

This checklist is designed specifically to save you time and money! We have found that if you can check yes to these items, you will minimize unnecessary delays, unexpected waiting time, and additional labor and expenses.

## YES NO

- |                          |                          |                                                                                                                                                                                                                               |
|--------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Sufficient lifting equipment is available.                                                                                                                                                                                    |
| <input type="checkbox"/> | <input type="checkbox"/> | The special tool kit is complete and available onsite for disassembly/reassembly of the compressor(s). To inventory your tool kit, reference the O&M manual for a complete listing of these special tools with illustrations. |

These tools are required for disassembly/reassembly of your compressors(s). If you do not have a special tool kit, please let us know.

- |                          |                          |                                                                                                                                                                                                                                                    |
|--------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | At-least one local helper will be available to assist Howden personnel with service work.                                                                                                                                                          |
| <input type="checkbox"/> | <input type="checkbox"/> | Inlet filter system and sound enclosure (if applicable) will be removed prior to arrival of Howden personnel. (We would be happy to assist with removal of this, but this is one way for you to reduce the number of Howden labor hours required.) |

We look forward to working with you in the near future!

Attachment: NonContractualAppropriations.051120 (1502 : Non-Contractual Appropriations)



# Mandatory Lifting Device Reporting

Howden

This form shall be completed and returned to Howden for all sites here our employees may be performing activities.

## Site Information:

Site Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

## Lifting Information:

Site has proper, adequate and weight tested lifting in buildings or facilities where Howden employees may be performing work. Devices are in accordance with local, state and federal regulations.

☐ Yes ☐ No

If yes, then detailed information **shall be attached** in regard to:

1. The location and weight rating of the equipment. Lifting should be A) rated per the below chart, B) should be located centerline of the compressor , C) allow for removal of components straight out of the compressor and D) allow movement after removed from the compressor.

| Unit size | Heaviest individual component                  | Unit on Site             | Weight Rating of Site Lifting Equipment |
|-----------|------------------------------------------------|--------------------------|-----------------------------------------|
| KA2       | 881 Pounds (US): ENTIRE COMPRESSOR             | <input type="checkbox"/> |                                         |
| KA5       | 1763 Pounds (US): ENTIRE COMPRESSOR            | <input type="checkbox"/> |                                         |
| KA10      | 925 Pounds (US): GEARCASE                      | <input type="checkbox"/> |                                         |
| KA22      | 1260 Pounds (US): GEARCASE B                   | <input type="checkbox"/> |                                         |
| KA44      | 1970 Pounds (US): GEARCASE B                   | <input type="checkbox"/> |                                         |
| KA66      | 2960 Pounds (US): INLET HOUSING & VOLUTE       | <input type="checkbox"/> |                                         |
| KA80      | 4856 Pounds (US): GEAR COMPLETE                | <input type="checkbox"/> |                                         |
| KA100     | 8030 Pounds (US): INLET HOUSING & INNER SPIRAL | <input type="checkbox"/> |                                         |

2. Any equipment, precautions, etc. needed for Howden employees that may be performing functions in the work areas.
3. Any obstructions above the compressor centerline that prevent the use of proper lifting and service should be reported prior to issuance of a P.O.

The information provided shall be reviewed and approved by Howden prior to any work being done by a Howden employee. Note: Additional information may be required as part of the review process.

## Person Completing Form:

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Contact Information: \_\_\_\_\_

Attachment: NonContractualAppropriations.051120 (1502 : Non-Contractual Appropriations)



## City Council Ordinance Regular Meeting - May 11, 2020

Submitted by: Ben Mann,  
Submitting Department: Public Works

### Subject:

2020 Parking Lot Maintenance Program (Sealing and Striping)

### Legislation Title:

2020 Parking Lot Maintenance Program (Sealing and Striping)

### Recommendation:

It is recommended that City Council authorize an appropriation of \$26,000.00 from Capital Funding for parking lot maintenance through a purchase order. Funding is being requested at this time in order to perform the work ahead of major park activities when possible.

### Background/Synopsis:

This project is for parking lot sealing to be performed by outside contractors. The intent of this project is to continue the maintenance of various City parking lots under one comprehensive program. Parking lots will be the Community Arts Center, South Trace Golf Course, Huffman Park, Youth Soccer Fields on River Road, and Youth Football on Groh Lane.

This project is a maintenance item that includes the sealing and pavement markings for various parking lots throughout the City. This project is managed and inspected by Public Works staff. Municipal lots under this program are made up of over 40 distinct locations totaling more than 1,500,000 square feet.

Public Works solicited multiple proposals for the sealing portion of this project. The complete results for the parking lot sealing are:

|                    |             |
|--------------------|-------------|
| Julius Howe        | \$24,358.00 |
| Barry Brown        | \$31,147.98 |
| Cincinnati Asphalt | No Bid      |
| Klekamp            | No Bid      |

Funding has been programmed in the 2020-2024 Capital Improvements Program under 0PW12.

### Financial Impact:

\$26,000.00 (\$24,358.00 plus a contingency of \$1,642) from Capital Funding for parking lot sealing for Julius C. Howe, Asphalt & Sealing Company.

### Emergency Provision Explanation:

Not requested.

**Rule Suspension Requested:**

No

**Emergency Provision Needed:**

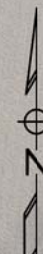
No

**Attachments:**

1. 2020 Pavement Sealing



Youth Football Fields (4875 Groh Lane)  
72,389 sq ft

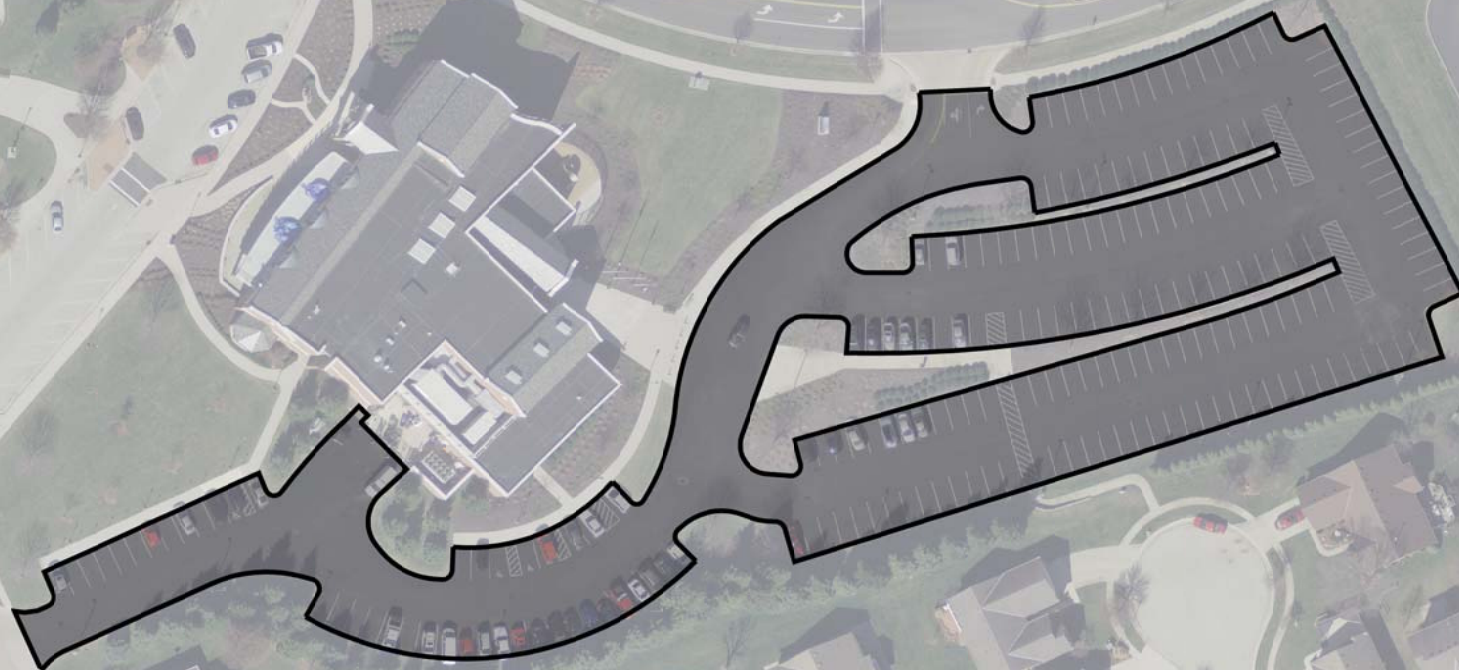






Youth Soccer Fields (4920 River Road)  
16,280 sq ft





Community Arts Center (411 Wessel Dr.)  
81,052 sq ft





South Trace Golf Lot (2200 Gray Road)  
93,364 sq ft





Huffman Park (2100 Gray Road)  
11,577 sq ft



**City Council Ordinance**  
**Regular Meeting - May 11, 2020**

Submitted by: Ben Mann,  
 Submitting Department: Public Works

**Subject:**

2020 Parking Lot Maintenance Program (Paving Repairs)

**Legislation Title:**

2020 Parking Lot Maintenance Program (Paving Repairs)

**Recommendation:**

It is recommended that City Council authorize an appropriation of \$24,000 from Capital Funding for parking lot maintenance through a purchase order. Funding is being requested at this time in order to perform the work ahead of the parking lot sealing to be done by Julius Howe.

**Background/Synopsis:**

This project is for parking lot asphalt repairs to be performed by outside contractors. The intent of this project is to continue the maintenance of various City parking lots under one comprehensive program. Parking lot repairs will be made at the Community Arts Center only this year. Last year repairs were made in multiple locations including Fire Training Facility, and the South Trace Golf Course. These repairs will be done at a full depth of four inches.

This project is a maintenance item that asphalt repairs and pavement markings for various parking lots throughout the City. This project is managed and inspected by Public Works staff. Municipal lots under this program are made up of over 40 distinct locations totaling more than 1,500,000 square feet.

Public Works solicited multiple proposals for the asphalt repair portion of this project. The complete results for the parking lot sealing are:

|                    |                      |
|--------------------|----------------------|
| Barry Brown Paving | \$25 per Square Yard |
| Julius Howe        | \$27 per Square Yard |
| Cincinnati Asphalt | No Bid               |
| Klekamp            | No Bid               |

Funding has been programmed in the 2020-2024 Capital Improvements Program under 0PW12.

**Financial Impact:**

\$24,000.00 from Capital Funding for parking lot repairs for Barry L. Brown Paving, LLC.

**Emergency Provision Explanation:**

Not requested.

**Rule Suspension Requested:**

No

**Emergency Provision Needed:**

No

**Attachments:**

1. 2020 CAC Parking Lot Pavement Repair



# Community Arts Center Pavement Repair

411 Wessel Dr.

11.C.4.a

Repair Area: 379 sq. yd.

Repair Area: 150 sq. yd.

Repair Area: 130 sq. yd.

Repair Area: 71 sq. yd.

Repair Area: 403 sq. yd.

Attachment: NonContractualAppropriations.051120 (1502 : Non-Contractual Appropriations)



## City Council Information Item Regular Meeting - May 11, 2020

Submitted by: Jason Hunold,  
Submitting Department: Public Utilities

### Subject:

Anaerobic Digester Cleaning - Wastewater Treatment Plant

### Legislation Title:

Anaerobic Digester Cleaning

**Background/Synopsis:** Mesophilic Anaerobic Digestion (MAD) is used to treat sewage sludge at the treatment plant. MAD is a biological wastewater treatment process where sewage sludge is broken down microbiologically, in the absence of oxygen, and converted to biogas. The process takes place in Anaerobic Digester tanks where sludge is fed, mixed, and heated to temperatures between 95 and 105 degrees Fahrenheit. Volatile organic matter is converted into biogas which consists mostly of methane, carbon dioxide, and some other trace gases. The biogas is used as a fuel source for the treatment plant's hot water boiler, which is used to heat the process and provide heat to all the buildings at the treatment facility.

The request is for an appropriation necessary to hire an outside contractor to remove accumulated grit, sand and various inorganics from the treatment plant's Anaerobic Digester #1. Routine cleaning of the Anaerobic Digesters takes place every four to five years and is necessary to maintain digester treatment capacity. Due to hazardous conditions and the necessary confined space entry, an outside contractor will be hired to complete the task.

Wastewater Division staff requested two proposals (attached) for the required services. It is recommended that High Tec Industrial Services Inc. be awarded the job; High Tec provided the lowest and best proposal.

**Financial Impact:** An appropriation in the amount of \$30,000.00 (including contingency) is being requested for Anaerobic Digester cleaning services.

Funding for this project is included in the 2020-2024 Capital Improvement Program under project number 0WW15, Anaerobic Digester Cleaning. The funding source is the Sewer Surplus Fund.

It is recommended that City Council authorize an appropriation in the amount of \$30,000.00 from Sewer Surplus Fund for Anaerobic Digester cleaning services. Rules suspension is requested to expedite the work.

### Attachments:

1. High Tec
2. SES Estimate for City of Fairfield Ohio - Cleaning Digester Tank (Q-1369) - 1-31-20.docx



# CONTRACT

P.O. Box 713  
Tipp City, OH 45371  
937-667-1772  
Fax 937-667-5907  
Email: hightecindustry@aol.com

Contract No. 27649  
Date: April 29, 2020

|                        |                       |                                  |
|------------------------|-----------------------|----------------------------------|
| Contract Submitted To: |                       | Location of Work to be Performed |
| Company Name:          | CITY OF FAIRFIELD     | SAME                             |
| Attention:             | JASON HUNOLD          |                                  |
| Address:               | 5021 GROH LANE        |                                  |
| City:                  | FAIRFIELD, OHIO 45014 |                                  |
| Telephone No:          | 513-858-7775          |                                  |
| Fax No:                |                       | JHUNOLD@FAIRFIELD-CITY.ORG       |

HIGH TEC INDUSTRIAL SERVICES TO PROVIDE SLUDGE PUMP AND / OR VACUUM TRUCK, SUPPORT UNIT, UP TO 4 MEN, SCBA CONFINED SPACE ENTRY WITH TWO AIR BOTTLES, PPE AND SUPPLIES TO REMOVE 4 FEET OF MATERIAL FROM SLUDGE DIGESTER #1 ONCE CUSTOMER DRAINS IT DOWN. ALL REMAINING LIQUIDS TO BE PUMPED TO THE OTHER DIGESTER AND THE SLUDGES/SOLIDS TO BE PUT ON DRYING BEDS. CUSTOMER TO PROVIDE 1 AND HALF INCH WATER HOOKUPS, ELECTRIC, ACCESS INTO MANHOLES ON DOME (2). WORK TO BE DONE ON CONSECUTIVE NON-HOLIDAY WEEKDAYS. HIGH TEC WILL PROVIDE FALL PROTECTION AND SELF CONTAINED BREATHING SET UP WHEN ENTERING THE DIGESTER. PRICING AS FOLLOWS:

- |                                                                   |    |                    |
|-------------------------------------------------------------------|----|--------------------|
| 1. COST TO PERFORM UP TO FOUR 8 HOUR WEEKDAY SHIFTS OF WORK.....  | \$ | 24,995.00          |
| 2. COST TO PERFORM EACH ADDITIONAL 8 HOUR WEEKDAY WORK SHIFT..... | \$ | 5,915.00 PER SHIFT |

NOTE- ESTIMATE IS A BUDGETARY AMOUNT ONLY. ACTUAL AMOUNT AND CONDION OF MATERIAL WILL DETERMINE ACTUAL JOB TIMES AND COST.  
PRICED FOR NON-PREVAILING WAGE WORK.  
ESTIMATE INCLUDES 3 SHIFTS OF SCBA

1,500 GALLON DISPOSAL MINIMUM ON ALL WASTE PER LOAD  
CHANGES IN WORK SCOPE BY CLIENT WILL INITIATE ADDITIONAL CHARGES. THANK YOU!  
OVERNIGHT STORAGE ON LOADED VAC \$395 PER DAY EACH.  
DEMURRAGE ON EACH VAC TRUCK AT \$175.00 PER HOUR PER TRUCK  
A 18% REGULATORY COMPLIANCE FEE APPLIES TO ALL WASTE DISPOSAL CHARGES.  
**UPON ACCEPTANCE THIS SIGNED CONTRACT MUST BE RETURNED PRIOR TO COMMENCEMENT OF WORK.**

Labor and equipment is specified, and the above work to be performed in accordance with the specifications submitted for above work and completed for the sum of: Dollars: SEE ABOVE with payments to be made as follows: NET 30 DAYS.  
Past due balances over 30 days are subject to a 2% per month finance charge plus attorney fees. Credit card payment add 5%.

Respectfully Submitted:

Rates are not inclusive of prevailing wages unless specified. Sales Tax not included. Client Safety Orientations not included in bid. A fuel surcharge and environmental compliance fee of 11% will apply to all invoice totals. All charges are port to port from Tipp City, OH. All sales are final, no exchanges, no returns. no credit or discounts will be issued for early completion of jobs by high tec. All agreements contingent upon strikes, accidents or delays beyond our control. Customer/Owner to carry fire, tornado and property & casualty insurance. Public Liability insurance on above work to be taken out by High Tec Industrial Services, Inc. However, both parties agree that High Tec Industrial Services, Inc. shall be held harmless by the owner and customer for any and all liabilities relating to water or moisture damage, chemical damage, or damage from the agreed cleaning method above. This contract is governed by the Laws of the State of Ohio and supersedes any other contract.

Per High Tec Industrial Services, Inc.

CHRIS TAYLOR

Note: This contract may be withdrawn by us if not accepted within 30 days.

## ACCEPTANCE OF CONTRACT

The above prices, specifications and conditions are satisfactory and hereby accepted by the customer/owner. You are authorized to do work as specified. Payments will be made NET 30 DAYS.

Authorized Signature/Title: \_\_\_\_\_

PO Number: \_\_\_\_\_

Date of Acceptance: \_\_\_\_\_

Customer Name \_\_\_\_\_



## Superior Environmental Solutions

9996 Joseph James Drive Cincinnati, Ohio 45246  
 Phone: 513-874-8355 Fax: 513-874-8555  
 www.superiorenviromentalsolutions.com

1/31/2020

Jason Hunold  
 City of Fairfield, Ohio  
 499 Groh Lane  
 Fairfield, OH 45014

RE: Cleaning Digester Tank (Q-1369)

Thank you for the opportunity to provide this cost estimate. SES, Inc. will provide the necessary labor, equipment, and required materials and supplies for: Cleaning Digester Tank. The following are the estimated costs associated with the project:

- |                                                      |                               |
|------------------------------------------------------|-------------------------------|
| I. <u>Cleaning Digester Tank:</u>                    |                               |
| Estimated Labor, Equipment, & Materials:             | \$ 6,500.00 per 12-hour shift |
| (1) Truck Washout Fee:                               | \$125.00                      |
| II. <u>Rental Equipment:</u>                         |                               |
| 40' Extension Ladder – Weekly Rate:                  | \$ 130.00                     |
| 6" Hydraulic Pump and Hoses – Weekly Rate:           | \$ 2,410.00                   |
| Carry Deck Crane with Delivery/Pickup – Weekly Rate: | \$ 3,575.00                   |
| III. <u>2-Man Confined Space Rescue Team:</u>        |                               |
| Estimated Labor, Equipment, & Materials:             | \$ 2,530.00 per 12-hour shift |

### Pricing Contingencies:

- The final invoice will reflect actual time to complete the project based on established unit rates.
- We will initiate this project upon receipt of a Purchase Order and signed Terms and Conditions.
- Any incurred delays or additional requested services will be invoiced based on established unit rates.
- All waste generated will remain on-site.
- Pricing is based on payment terms of Net 30 Days. A minimum 4-hour charge will be invoiced for all service calls.
- Rental Equipment, Unlisted Materials & Consumables will be invoiced at cost + 30%.
- Pricing is based on diesel fuel prices not exceeding \$2.50 per gallon. A fuel surcharge will be applied to the invoice based on the attached schedule.

### When Applicable:

- Waste transported offsite with SES equipment will assume a Waste Handling Fee of \$125 per load.
- Projects requiring transportation equipment will be invoiced a Truck Washout Fee of \$125 per piece of equipment. This fee will not be assessed on projects where a Waste Handling Fee is already assumed for the piece of equipment.
- Projects requiring temporary storage of waste with SES equipment will be invoiced a Waste Holding Fee of \$500 per day.

I would like to emphasize that SES is committed to providing our customers with a turnkey operation that is dependable, cost effective, and environmentally responsible. Should you have any questions regarding this estimate, please contact me at (513) 504-0014.

Attachment: NonContractualAppropriations.051120 (1502 : Non-Contractual Appropriations)





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**Superior Environmental Solutions**

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9996 Joseph James Drive Cincinnati, Ohio 45246  
Phone: 513-874-8355 Fax: 513-874-8555  
www.superiorenviroenmentalsolutions.com

Thank you,

Matt Sauls

Superior Environmental Solutions, Inc.

**CUSTOMER ACCEPTED**

**City of Fairfield, Ohio**

**By:** \_\_\_\_\_

**Date:** \_\_\_\_\_

Attachment: NonContractualAppropriations.0511120 (1502 : Non-Contractual Appropriations)



## Superior Environmental Solutions

9996 Joseph James Drive Cincinnati, Ohio 45246  
 Phone: 513-874-8355 Fax: 513-874-8555  
[www.superiorenviromentalsolutions.com](http://www.superiorenviromentalsolutions.com)

Effective October 1, 2018, SES will implement the following Fuel Surcharges. The surcharge will be added to the invoice total and will be based on the National U.S. Average of On-Highway diesel fuel prices:

| NATIONAL AVERAGE DIESEL FUEL COST |                 | FUEL SURCHARGE PERCENTAGE |
|-----------------------------------|-----------------|---------------------------|
| Average price is *                | But less than * |                           |
| \$2.50                            | \$2.75          | 7.00%                     |
| \$2.76                            | \$3.00          | 7.25%                     |
| \$3.01                            | \$3.25          | 7.50%                     |
| \$3.26                            | \$3.50          | 7.75%                     |
| \$3.51                            | \$3.75          | 8.00%                     |
| \$3.76                            | \$4.00          | 8.25%                     |
| \$4.01                            | \$4.25          | 8.50%                     |
| \$4.26                            | \$4.50          | 8.75%                     |
| \$4.51                            | \$5.75          | 9.00%                     |
| \$4.75                            | \$5.00          | 9.25%                     |

This surcharge will be effective the first day of each new month, and will be based on the average price from the previous month based on the Department of Energy website: <https://www.eia.gov/petroleum/gasdiesel/>. The surcharge will be listed as an individual line item calculated on the invoice total, if applicable.

Respectfully,

Dean Wallace  
 SES, LLC.

Attachment: NonContractualAppropriations.051120 (1502 : Non-Contractual Appropriations)



ORDINANCE NO. \_\_\_\_\_

ORDINANCE TO AMEND ORDINANCE NO. 119-19 ENTITLED "AN ORDINANCE TO MAKE ESTIMATED APPROPRIATIONS FOR THE EXPENSES AND OTHER EXPENDITURES OF THE CITY OF FAIRFIELD, OHIO, DURING A PERIOD BEGINNING JANUARY 1, 2020, AND ENDING DECEMBER 31, 2020."

BE IT ORDAINED by the Council of the City of Fairfield, Ohio, that:

Section 1. Ordinance No. 119-19, the 2020 Appropriation Ordinance, is hereby amended in the following respects:

**From: Unappropriated Capital Improvement Fund \$50,000**

To: 40216025-252000 Improvements Other Than Building  
(2020 Parking Lot Maintenance - Sealing & Striping OPW12 (\$26,000); 2020 Parking Lot Maintenance - Paving Repairs OPW12 (\$24,000)) \$50,000

**From: Unappropriated Water Surplus Fund \$19,895**

To: 60516025-252000 Improvements Other Than Building  
(Lime Silo Fill Pipe OWT11 (\$5,200); SCADA Integration OWT23 (\$14,695)) \$19,895

**From: Unappropriated Sewer Surplus Fund \$53,200**

To: 62416023-234100 Maintenance of Equipment  
(Turblex Blower Service - Wastewater Treatment Plant OWW19) \$23,200

To: 62416025-252000 Improvements Other Than Buildings  
(Cleaning of Anaerobic Digester OWW15) \$30,000

Section 2. This Ordinance shall take effect at the earliest period allowed by law.

|                |       |                       |
|----------------|-------|-----------------------|
| Passed         | _____ | _____                 |
|                |       | Mayor's Approval      |
| Posted         | _____ |                       |
| First Reading  | _____ | Rules Suspended _____ |
| Second Reading | _____ |                       |
| Third Reading  | _____ |                       |

Attachment: NonContractual 5-11-Ord (1502 : Non-Contractual Appropriations)

ATTEST:

\_\_\_\_\_  
Clerk of Council

This is to certify that this Ordinance has been duly published by posting and summary publication as provided by Charter.

\_\_\_\_\_  
Clerk of Council

Active Clients\City of Fairfield\Ordinances\2020\NonContractual 5-11-Ord

Attachment: NonContractual 5-11-Ord (1502 : Non-Contractual Appropriations)