



**TIPTON MUNICIPAL UTILITIES**  
**Tipton Utility Service Board Meeting**  
**May 6, 2024**

The Tipton Utility Service Board meeting was held at 4:30 p.m. at the City of Tipton Council Chambers, 216 South Main Street, Tipton, Indiana. Chairman Don McElfresh presided. The members present included Dick Klein (Emeritus), Barbara Cardwell, Peter Schram, Mark Raver, Steven Thompson (via cell). and City Council Liaison Rick Rippe were absent.

**GUESTS**

Mayor Kegan Schmicker

**MINUTES**

Minutes of the previous meeting were reviewed:

MOTION: It was moved by Barbara Cardwell and seconded by Peter Schram:  
"That the previous minutes of the meeting be approved."  
Motion carried.

**CLAIMS**

Claims were reviewed.

MOTION: It was moved by Mark Raver and seconded by Peter Schraml: "That claims #25091- #25160 totaling \$375,231.64 be approved." Motion carried.

**CHARGE OFFS**

None submitted.

**BLENDED INTEREST RATE REPORT**

None submitted.

**FINANCIAL STATEMENTS**

March 2024 Financials were reviewed.

**RESOLUTIONS:**

TUSB Resolution 2024-02 was presented by GM Ankrum. This Resolution allows TMU to transfer \$500,000 to the READI project from TMU departmental cash balances. The TUSB had previously committed to \$1 Million of Utility local funding to match same

funding from the READI Grant. The first \$500,000 was transferred in May 2023. Contingent upon Attorney final review/approval, the Board unanimously approved this Resolution after motion by Mark Raver and second by Peter Schram.

**Other Matters to come before the Board:**

None submitted.

## **UTILITY MANAGER REPORT**

- **Safety:** IMPA/TVPPA Safety training was held on Wed April 17<sup>th</sup> and address Underground Electrical Safety for City and TMU associates. The next Safety training will occur on Wed May 22<sup>nd</sup> to cover Hazardous Materials and Communication protocol.
- **Cybersecurity:** Things have settled down after the targeted attack of April 19, 2024, on TMU assets at the West wastewater plant. There have been no further incidents as TMU continues to monitor remote equipment operation with added protections in place. Ankrum and Mayor Schmicker will follow-up with regards to Insurance coverage options and understanding of coverage.
- **IMPA:** Construction of the IMPA Solar Field continues at the Industrial Drive site with most sitework and fencing in place. Electrical equipment will arrive later this Summer with anticipated system start-up and commissioning in Q1 of 2025.
- **Water:** TMU participated in the North Central Water regional study conference call held by the Indiana Finance Authority (IFA). Tipton County and TMU are on the very fringe of the study and will have limited participation.
- **Collections/Lift Stations:** The new pumps for the North Street Lift Station were installed last week and are performing well. The oldest LS pumps in the TMU system are now at Hill Street (2010) and Industrial Drive (2012), both having 2 each, 5 Horsepower pumps.
- **Sanitary Sewer Force Main Connector and Elevated Water Projects:**
  - Sanitary Force Main project:
    - F&K, and HDD Subcontractor Daystar, is drilling pipe at the West end of the project near CR 560 W. Nearly 2,500 lf of pipe has been installed by HDD methods. Work will proceed along the south side of Old SR 28 for the next 2 months.
  - Water Tower project status:
    - A Pre-Construction meeting with Caldwell Tank was held on Apr 18<sup>th</sup> to get the project officially started. Foundation work on site is likely to occur this Summer, Tower construction this Fall and Painting next Spring.
- **US 31/SR 28 Development**
  - SE Quadrant, owned by Tipton Land Development: No news.
  - TMU continues to field calls and emails on a regular basis regarding Utilities for the existing Stellantis facility currently For Sale. The Realtor has been very pleased with TMU's responsiveness and partnership.
- **City East Side Development Studies by Strand**

- TMU did receive final disposition from INDOT to allow Directional Drilling of the 8-inch water line under SR 28 across from the DeLong Auto Repair. Ankrum will secure quotes to accurately gage the overall cost of the project and report back to the Board.
- Ankrum has shared the Strand study on the sanitary sewer options in this area. More discussion needs to be had to determine a path forward as this will likely be a much more expensive project.
- The next TUSB meeting will be Monday May 20, 2024, starting at 4:30 pm in the Council Chambers.

**Community Comments:**

None submitted.

**ADJOURNMENT**

A motion was made by Mark Raver to adjourn and seconded by Peter Schram. The meeting was adjourned at approximately 5:10 p.m.

  
\_\_\_\_\_  
Jim Ankrum, General Manager

  
\_\_\_\_\_  
Don McElfresh, Chairman



I hereby certify that each of the above listed vouchers and the invoices, or bills attached there to, are true and correct and I have audited same in accordance with IC 5-11-10-1.6.

May 6, 2024

\_\_\_\_\_  
Fiscal Officer

**ALLOWANCE OF ACCOUNTS PAYABLE VOUCHERS**

TIPTON MUNICIPAL UTILITIES

APVS #25091-25160

We have examined the Accounts Payable Vouchers listed on the foregoing Register of Accounts Payable Vouchers consisting of 13 pages and except for accounts payables not allowed as shown on the Register such accounts payables are hereby allowed in the total amount of \$ 375,231.64.

Dated this 6th day of May 2024.

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Signatures of Governing Board

# TIPTON MUNICIPAL UTILITIES

CASH FUNDS AS OF:

MARCH

2024

## WATER DEPARTMENT - EAST PLANT

Total Operational Funds as per Report: 1,492,635.17  
Total Investments as per Report: -  
Total Restricted Funds as per Report: 269,558.97  
Total Restricted Investments as per Report: 10,000.00  
Total Funds: 1,772,194.14

## WATER DEPARTMENT - WEST PLANT

Total Operational Funds as per Report: 321,421.50  
Total Investments as per Report: -  
Total Restricted Funds as per Report: 13,895.20  
Total Restricted Investments as per Report: -  
Total Funds: 335,316.70

## WASTEWATER DEPARTMENT - EAST PLANT

Total Operational Funds as per Report: 1,096,752.83  
Total Investments as per Report: -  
Total Restricted Funds as per Report: 594,758.44  
Total Restricted Investments as per Report: -  
Total Funds: 1,691,511.27

## WASTEWATER DEPARTMENT - WEST PLANT

Total Operational Funds as per Report: 429,647.98  
Total Investments as per Report: -  
Total Restricted Funds as per Report: 214,005.45  
Total Restricted Investments as per Report: -  
Total Funds: 643,653.43

## ELECTRIC DEPARTMENT:

Total Operational Funds as per Report: 6,273,394.11  
Total Operational Investments as per Report: 50,000.00  
Total Restricted Funds as per Report: 233,522.50  
Total Restricted Investments as per Report: 95,000.00  
Total Funds: 6,651,916.61

## STORM WATER DEPARTMENT:

Total Operational Funds as per Report: 713,529.84  
Total Investments as per Report: -  
Total Restricted Funds as per Report: 714,905.86  
Total Restricted Investments as per Report: -

Total Funds: 1,428,435.70

TOTAL FUNDS:

23,027.85

# RESOLUTION 2024-02

## TIPTON UTILITY SERVICE BOARD

### A RESOLUTION TO PROVIDE FUNDING FOR READI GRANT PROJECT

**WHEREAS,** TUSB Resolution 2022-04 committed TUSB and Tipton Municipal Utilities (TMU) to fund a \$1 Million portion of certain TMU capital projects, contingent upon a grant for the projects was received; and the City of Tipton care/of TMU did receive a \$3.5 Million Regional Economic Acceleration and Development Initiative (READI) Grant; and

**WHEREAS,** Tipton City (\$1 Million), Tipton County (\$1.5 Million) and TMU (\$1 Million) have each committed to participate in co-funding the projects, respectively; and

**WHEREAS,** The Tipton City Clerk-Treasurer has established a READI Project Fund to congregate the local entity financial commitments; and

**WHEREAS,** TMU desires to transfer \$500,000 of their commitment to the READI Project Fund; and

**NOW, THEREFORE,** the TUSB hereby directs TMU to allocate \$500,000 of funds from departmental Operational cash balance funds as follows:

- Wastewater 50%
- Water 35%
- Electrical 15%

Percentages are based upon the attached Exhibit A

Signed this 6<sup>th</sup> day of MAY, 2024, in Tipton, Indiana.

### TIPTON UTILITY SERVICE BOARD

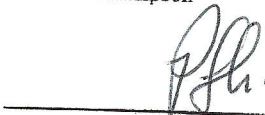


Don McElfresh - Chairman

Steven Thompson



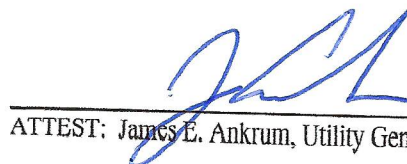
Barbara A. Cardwell



Peter Schram



Mark J. Raver



ATTEST: James E. Ankrum, Utility General Manager

# TUSB Resolution 2024-02A EXHIBIT A

The Capital projects in question are currently budgeted at \$7 Million in total. \$3.5 Million is funded via the READI Grant and \$3.5 Million is to be funded via local commitments as previously stated in the body of TUSB Resolution 2023-05.

The \$7 Million of capital projects is budgeted as follows:

- Wastewater Sanitary Sewer Pipeline, Lift Station, Elec & appurtenances: \$4,200,000 (60%)
- Water Elevated Storage and Water Backwash Residuals Removal: \$2,800,000 (40%)

Each project has an electrical portion associated with the project cost. Typically, in the Utility industry, projects such as these estimate the Electrical portion to be 10% of the total project cost. In this case it is estimated the Electrical will be significantly higher as the Lift Station portion of the Wastewater project will require over 2,000 lf of new cable and a new electrical transformer to feed three-phase power to the new Lift Station pumping system.

Therefore, the TMU General Manager has assigned a 15% proportionate share to the Electrical and thus the final funding breakdown is:

- Wastewater Sanitary Sewer Force Main, Lift Station and appurtenances: 50%
- Water Elevated Storage and Water Backwash Residuals Removal: 35%
- Electrical: 15%

Please note the projects will provide benefits to all TMU customers. The capital projects will increase the TMU customer base through the addition of Commercial and Industrial customers in the western service area near US 31. And the project will encourage the addition of City residential development and customers on the western outskirts of Tipton City limits. Thus, it is expected that TMU revenues for all departments will increase accordingly in the future and to the benefit of current TMU customers. The infusion of departmental cash balances will provide a return on investment without raising utility rates, nor securing an interest-bearing loan nor utilizing other such interest-bearing capital instruments to fund the projects.



## Jim Ankrum

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**From:** Jim Ankrum  
**Sent:** Friday, April 26, 2024 12:45 PM  
**To:** Jim Ankrum  
**Subject:** FW: Additional Cyber Protections

Please move forward with proposed Tosi installations.

Jim Ankrum  
317-695-6824 call/text

Let's do it for all sites mentioned below. Troy, do you see any issues or have anything else to add?

Thank you, Nathen for the quick response.

Jim A.

Jim Ankrum  
General Manager  
Tipton Municipal Utilities  
210 S Main St.  
Tipton, Indiana 46072-0288  
765-675-7292 – Office  
317-695-6824 – Cell  
[jankrum@tusb.com](mailto:jankrum@tusb.com)

**From:** Nathen Burkhart <[nate@toriceng.com](mailto:nate@toriceng.com)>  
**Sent:** Thursday, April 25, 2024 3:33 PM  
**To:** Jim Ankrum <[jankrum@tusb.com](mailto:jankrum@tusb.com)>  
**Cc:** Mark Williams <[MDWilliams@toriceng.com](mailto:MDWilliams@toriceng.com)>; Brian Hoffman <[BHoffman@toriceng.com](mailto:BHoffman@toriceng.com)>  
**Subject:** RE: Internet Service

Jim,

I am aware of the attack last week. Reviewing the information below and discussing options with my team. It is our recommendation to continue to use the Tosibox firewall/router at the four (4) locations listed below. The Tosibox acts as a firewall against potential cyberattacks while also giving your staff and Toric secure remote access. I would recommend adding this device to the Loves Lift Station, Kempton Lift Station, West WWTP, and another at East WWTP. Both lift stations have a similar setup to what was at the West WWTP and have the potential to be hacked. The additional device at the East WWTP would be to isolate the remote sites from the plant itself. This will hopefully help with cell data usage as Tosibox's can use more data than a traditional cellular modem. We would recommend the highest data plan possible to start with. After a few billing cycles, the data usage can be evaluated and plans lowered if possible.

# TNU LIFT STATION IDENTIFICATION AND SUBMERSIBLE PUMPS: April 2024

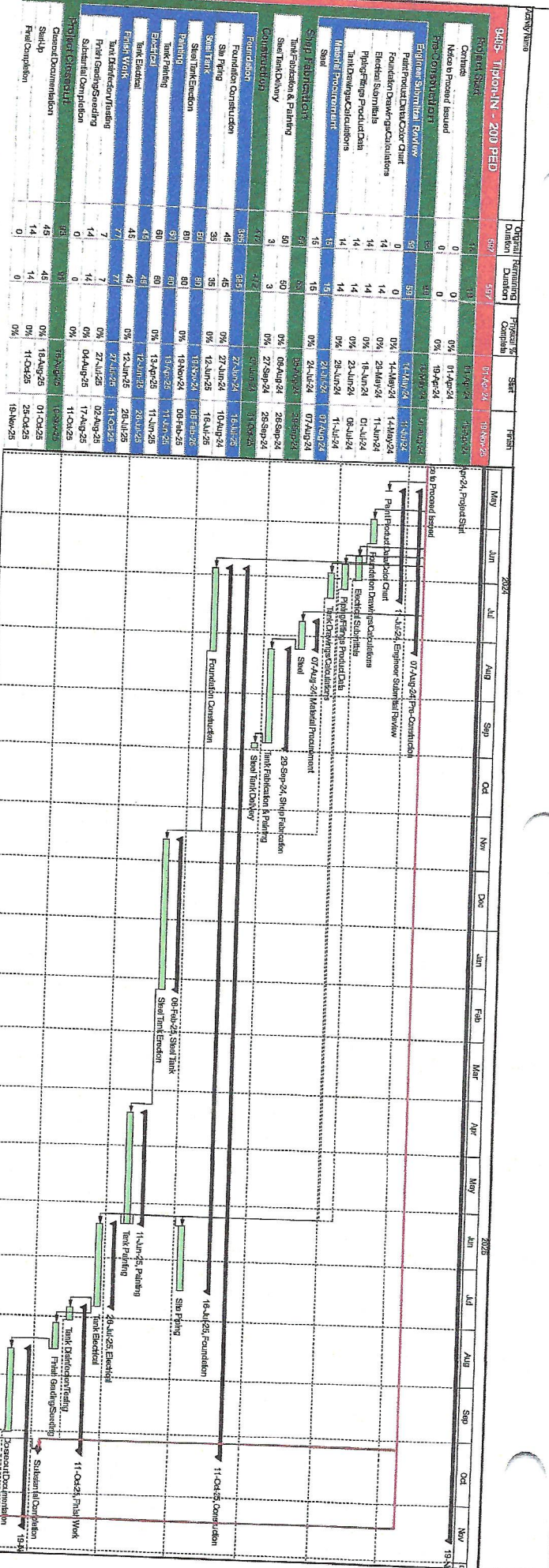
## WASTE WATER PLANT

Location	LS Depth	Make	Local Rep	Year	Size	Notes
West Plant Influent	30'	2 ea Xylem Flygt	BL Anderson, 765-463-1518	2009	20 Hp, 400 gpm	
East Plant Influent		1 ea Xylem Flygt	BL Anderson, 765-463-1518	2016	50 Hp,	
East Plant RAS		2 ea Xylem Flygt	BL Anderson, 765-463-1518	2016	80 Hp	
East Plant Effluent	Dry Pit	4 ea KSB	Straeffer Pump, 812-476-3075	2016	6.5 Hp	
East Plant Sludge Loading/X-fer		3 ea KSB	Straeffer Pump, 812-476-3075	2016	15 Hp	
Digester Pit Transfer		1 ea KSB	Straeffer Pump, 812-476-3075	2016	10 Hp	
		1 ea KSB	straeffer Pump, 812-476-3075	2016	22 Hp	

## COLLECTION SYSTEM

Location	LS Depth	Make	Local Rep	Year	Size	Notes
Kempston	20'	Xylem Flygt 2 ea	BL Anderson, 765-463-1518	2017	23 Hp, 500 gpm	
Love's Truck Stop	20'	Xylem Flygt 2 ea	BL Anderson, 765-463-1518	2019	4 Hp,	
Tipton Terrace	13'	4R30M/6-23 Myers Grinder 2 ea	Straeffer Pump, 812-476-3075	2023	3.0 Hp, 500 gpm	Installed March 2023
Hill Street	9'	Pentair/Hydro-Matic 2 ea	BBC	2021	5 Hp,	Need Seal Sensors
Main/Market Pit Pump	7'	VS20-21 Myers Grinder 2 ea	Straeffer Pump: 812-476-3075	2010	2 Hp, 60 gpm	
Industrial Drive	24'	2 ea, Pentair/Hydromatic	BBC	2021	2 Hp, 60 gpm	
Steel Parts	15'	2 ea, Pentair/Hydromatic	BBC	2018	5 Hp,	Sharpville Flow Too
Wilson A (In yard)	20'	2 ea, Grundfos	BBC	2024	2 Hp,	Check Valves Installed 2016
Wilson B (TNU Elec Yard)	30'	2 ea, Sithe Barnes Grinders	American Pump, Theresa Murphy 317-294-7855	2019	5 Hp,	Jail Flow Too
North Street Alley	11'	2 ea, Grundfos	American Pump	2024	2 Hp,	

# 9405- Tipton IN - 200 PED



*WATER TOWER  
PRE-LIM SCHEDULE*

- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work



Caldwell Tanks, Inc.  
Project Manager: Tina Snellen  
CTI Project Number: 9405- Tipton-IN -