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To: Mayor Jacque and City Council Members
Cc: Mick Michel, City Administrator
From: John F. Wandsnider, PE – Public Works Director/City Engineer
Date: September 12, 2024
Subject: Public Works Report: August 15 – September 11, 2024

Things have been operating well over the last month or so in Public Works.

Operation and Maintenance of Fleet, Highways, Streets, Alleys, Parks, Trails, Rivers, Creeks, etc.

The streets and fleets arm of Public Works is doing an excellent job with normal late-summer activities in the operations and maintenance of Dyersville's pavement and drainage systems and equipment. Street-sweeping is a regular effort. The pavement marking around town has been completed. We continued with the 'Damaged, Diseased and Dying Tree Removal' program. Micro-surfacing was placed on several alleys as well as the entrance to Aquatic Drive. Crack-sealing of the pool parking lot has been completed. Streets personnel also continue installing and maintaining street-sign assets throughout town. We are starting to plan for putting away summer equipment and preparing for winter, but we have some time left yet (hopefully). The concrete apron at Aquatic Drive was replaced as well. Lastly, asphalt pavement was placed on the first phase of the gravel portion of Vine Road along the ethanol plant property.

Operation and Maintenance of Drinking Water Delivery and Wastewater Disposal Systems

The drinking water source, storage, treatment, and distribution systems are serving the city well. The wastewater collection, pumping, treatment, and disposal systems are also operating well. Please refer to the Water operations report for August, below. The Wastewater report was unavailable because test data had not yet been received from our lab (expected the 15th of every month). We will include the report next month.

We have a good inventory of both compost and mulch available to the public at the wastewater treatment plant.

Improvement and Expansion Projects

Castle Hill – 4th Addition (added 7/24)

Construction of sanitary sewer and water main has begun. It is quite slow-going due to the presence of limestone bedrock very near to the surface in many areas. **Roadway subgrade and base work has begun as well. Two houses are under construction.**

Lake View Estates (added 7/24)

Contractor has begun installing sanitary sewer. **Water main work and roadway subgrade work has started as well.**

1st Avenue West - Old Highway Road - Rehabilitation (Added 2/24)

Meeting with Street Committee is being scheduled for this fall.

Downtown Streetscape Rehabilitation (Added 4/23)

The contractor returned to finish the improvements and clean things up. We are planning to finish the east side of the river in FY-25, and the west side on FY-26.

Hwy 52 Manhole Replacement at 2nd Avenue (Added 11/21)

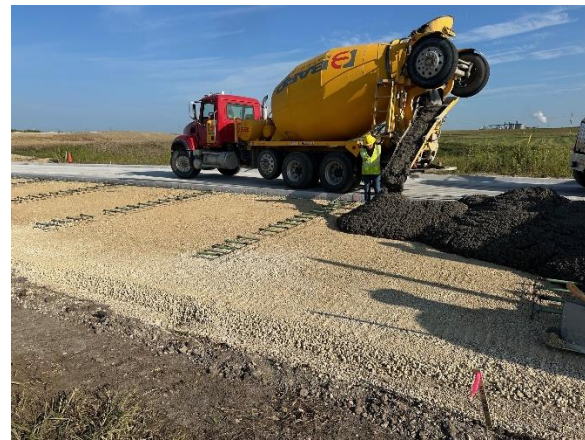
We are meeting to further define the scope of this project. It is important that we replace any of the failing sewer infrastructure beneath US 52 while we have the traffic detoured. Meeting with the DOT in the near future as well. **Plan is for work to be done in May, 2025.**

Downtown Businesses Accessibility – (Added June, 2021)

We are still evaluating costs and options and plan to be able to present the project to the Street Committee.

20 West Industrial Park, Phase III Rise Grant App. (Added August, 2022)

Paving has been complete, apart from pouring the intake tops. See photos, below:



Field of Dreams Stormwater Wetland and Mitigation (Added to list in April, 2020)

A map showing areas requiring attention has been prepared by the engineer. Work is expected this spring/summer. A live streaming camera of the site is available for viewing at:

<https://video.nest.com/live/G4AGPm8tkR>

Dyersville East Road Water and Sewer Extension 2020 (Added to list March, 2020)

Contract C Water Pumping Station (F.L. Krapfl) – project closeout is complete. Contract D Lift Station (Portzen Construction) – project closeout is complete. Construction is complete on the Sanitary Sewer and Force Main (EDA Contract) with Tschiggfrie Excavating - contractor to provide required payroll documentation to EIRUSS, then Origin will work toward final project documentation. Construction and additional change order work for utilities at FOD facilities is complete under Contract E with Top Grade Excavating.

- END -

Memorandum

To: Mayor, City Council Members and City Administrator
From: Terry Recker, Water Operator
Date: September 9th, 2024
Subject: **Water Operation August 2024 Report**

Water Pumped

Total Water Pumped for Month	13,282,000 Gallons
Average Pumped per Day	428,000 Gallons
Maximum Daily Pumped	542,000 Gallons

Chlorine Testing

Average Free Chlorine in the System –	1.47 mg/l
Average total Chlorine in the System -	1.53 mg/l

Polyphosphate

Average Residual at Well #4	0.87 mg/l
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Water Call Outs

0 for the month
Total for the year – 0

Water Main Breaks

0 for the month
Total for the year – 0

Water Activities

94-Line Locates Completed
46-Water Work Orders Completed

Operations and Maintenance

Bacteria samples were taken, and the results were negative. The monthly operating report was completed and sent to the DNR. Preventative maintenance was completed at Well#4 and #5, including exercising water valves and doing well draw down at both wells. Daily rounds were completed for the month at both wells. Meter reading was also completed this month.

Water Operator in Charge,
Terry Recker