

To: Mayor Jacque and City Council Members
Cc: Mick Michel, City Administrator
From: John F. Wandsnider, PE – Public Works Director/City Engineer
Date: July 11, 2024
Subject: Public Works Report: June 12 – July 10, 2024

Things have been operating well, for the most part, 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 the operations and maintenance of Dyersville's pavement and drainage systems and equipment. We completed applying weed-control in the areas where needed. Street-sweeping is a continual monthly effort as well. The new part-time employee is working out great.

Eastern Iowa Asphalt Maintenance performed the in-town pavement marking earlier this summer. Also, the centerlines will be painted this week, weather-permitting. We will continue the alley micro-surfacing as well as the crack-sealing and pavement resurfacing this summer. Also, this was the 'on' year for bi-annual tree inspections and maintenance, which was performed this week.

The new John Deere front-end-loader arrived this week. We will need to equip it with the add-ons we removed from the previous unit – caution light, radio mounts, etc. Otherwise, it is ready to go.



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 report below. Some WW test results were not yet available, so the WW report will be included next month.

We are back to having 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)

The contractor has begun to order materials. This project is expected to begin when approved.

Lake View Estates (added 7/24)

Developer is working to obtain approvals. Construction is expected to begin when approved.

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

Meeting is being scheduled w Street Committee.

Downtown Streetscape Rehabilitation (Added 4/23)

The majority of the work has been completed on Phase I. Some finish work has yet to be done – replacement of the caulk, installation of the caulk around new handicap panels, etc.

Phase II, planned for FY-25, will continue the rehab from 3rd Street to the River, including the half-blocks north and south on 2nd Street.

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

The DOT requires engineered construction plans with a complete traffic-control plan in order to issue a permit for this work to be done. Design work is proceeding and plan drawings are in production for construction this summer.

Downtown Businesses Accessibility – (Added June, 2021)

Design and cost estimating work is proceeding. **We have determined that we need to move the light before we can install the new ramp. We are working to receive an estimate from the architectural concrete contractors (light base requires decorative work).**

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

Materials have been delivered and construction has begun on the storm sewer system.

3rd Avenue SW Bridge (Added to list in February, 2022)

Rehab work has been completed. Contractor will be back to restore the rip-rap.

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 - working on documentation for project closeout. Construction for Contract D Lift Station and Linear Sewer Onsite with Portzen Construction is substantially complete with some punch list items remaining to be completed. 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 is complete on the original work under Contract E with Top Grade Excavating. The additional change order work providing utilities to the existing FOD facilities has been completed.

- END -

Memorandum

To: Mayor, City Council Members and City Administrator
From: Terry Recker, Water Operator
Date: July 3rd, 2024
Subject: **Water Operation July 2024 Report**

Water Pumped

Total Water Pumped for Month	13,440,000 Gallons
Average Pumped per Day	448,000 Gallons
Maximum Daily Pumped	758,000 Gallons

Chlorine Testing

Average Free Chlorine in the System –	1.55 mg/l
Average total Chlorine in the System -	1.63 mg/l

Polyphosphate

Average Residual at Well #4	1.14 mg/l
--------------------------------	-----------

Water Call Outs

1 for the month
Total for the year – 9

Water Main Breaks

0 for the month
Total for the year – 8

Water Activities

74-Line Locates Completed
44-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. We flushed all fire hydrants in the system on the 10th through the 17th. With all the additional hydrants going out to the Field of Dreams movie site we had to add one more day of flushing to the schedule. Mike Schroeder did another round with the Lead Service Line Inventory (LSLI) and was able to complete another 100 inventories for the City. That now puts us at 160 services yet to be inspected out of 2145. I will have Mike do one more round in August to try to finish the uncompleted services.

Water Operator in Charge,
Terry Recker