

CITY OF BEL AIRE
STAFF REPORT

DATE: July 31, 2022

TO: Ty Lasher, City Manager

FROM: Dave Leiker, Public Works Director

RE: Public Works Monthly Progress Report – July 2022

Public Works completed all scheduled maintenance this month despite the hot conditions. Work schedules were carefully planned to have the labor intensive work completed before noon. Heat safety training was conducted and staff fared pretty well. There were 10 days in July with temperatures over 100° and 10 days over 95° however I would imagine heat index values would push several of these days up over 100°.

STREETS

Staff has completed the crack sealing on all the concrete roads, we used 1,200 lbs. of rubber. We are now focusing on street repairs corresponding with the first phase of PEC's street repair plan.

The new mastic crack filling machine has been delivered. Crafcro went over the new updates and advances with staff. This machine will allow us to make several different types of street repairs including; filling in small pot-holes, repairing spider cracks and smoothing out uneven pavement. The biggest time saving feature is that this machine can be used to eliminate time consuming thermal crack repairs.

Staff also received the international truck, we are very excited about this new addition to our fleet. This truck will make snow removal much more efficient and safer and the guys really like the air-ride seat, larger plow, great lighting system and the bed lift controls.



WATER

Staff received notification that the mixing unit in the N. water tower was not functioning and after further investigation we determined it was the mixer motor that has quit working. This unit is housed in the tower tank so it needs to be completely drained before it can be replaced. The repairs are scheduled in September when water consumption slows. The current high demand for water creates turbulence and helps keep the water from stratifying which keeps chlorine levels constant throughout the tank.

Bids have been sent out for the water line replacement project in Aurora Park and 41st St. and they are due on August 5th.

****INSERT MONTHLY WATER TOTALS AND METER SERVICE INSTALLS****

SEWER

The new Flygt grinder pump was delivered and installed and is working great. We are confident this will help with the pump clogging issues we have had. The old original pump that was pulled has been taken in to have inspected to see if is worth refurbishing for a spare.



On the 25th staff received a high level alarm at the 53rd St. lift station and after inspection it was determined that the PLC (Programmable logic controller) unit failed. So the pumps were not working in automatic mode as they should. Staff had a portable pump brought in to keep the wastewater at a safe level. The new PLC was shipped overnight and replaced the next day and everything is operating as expected.

STORMWATER

Staff reinstalled silt fencing in the ditch at the southeast corner of Oliver and 45th St. The stormwater report mandated by KDHE has been updated and current. City staff has been working together to document and notify builders and developers of erosion issues and proper BMP placement that is needed in the new subdivisions. KDHE will be in town the middle of August for their MS4 inspection.

PARKS

Staff has been desperately been trying to keep all city owned plants, shrubs, trees and grass alive. As you can imagine with the extremely hot days and lack of moisture this has been a tough trek. We have hand watered young city trees and entrance sign landscaping several times over the last few weeks and used approximately 4,500 gallons of water. We have also adjusted sprinkler heads and made repairs to irrigation systems to maximize efficiency. In addition, irrigation clocks are continually being adjusted to water as necessary.

Mowing has slowed down and allowed time to spray 70 gallons of Glyphosate for weeds in parks and playgrounds. Staff also used about 65 gallons of Tempo to spray for bagworms.

Playground equipment safety inspections completed 7/20 and we replaced a swing and chains at Eagle Lake Park, replaced two swings and chains in Brookhouser Park and replaced two child swings and chains at Bel Aire Park.

Tree work involved the removed Austrian Pine at Bel Aire Park due to Pine Wilt Disease and we trimmed trees and brush back causing a blind spot on 53rd and Bristol.