



MEMO

To: Mayor and City Council Members
From: Mike Tuley, Director of Public Works
Date: April 20, 2022
RE: March Monthly Report

Public Works Department

Street and Public, Parks, and Maintenance Department

In March, the Public Parks and Maintenance Department mowed all city facilities, alleys, and right of ways. They cleaned and maintained all city's facilities and parks. They performed all maintenance on city vehicles and heavy equipment and the Street Department repaired streets, curbs, and signs.

Water and Wastewater Department

In March, the Water Department performed daily maintenance on the water system, repaired water mains, set water meters and tested the water daily and the Wastewater Department performed daily maintenance on the wastewater plant. They cleaned and unstopped wastewater mains.

Water Production & Purchase

In March, 32 % of the water we supplied to our residents was from our wells, and we purchased 68 % from EPCOR and Manville WSC.

Population

City of Manor- 17,228

Shadowglen- 5,990

Subdivision Inspections

- Street Inspections- 31
- MS4 – 20 Inspection per working day.
- Water Inspections- 18
- Wastewater Inspections- 2



MEMO

CITY OF MANOR
CAPITAL PROJECT STATUS REPORT
PUBLIC WORKS DEPARTMENT
April 2022

PROJECT NAME	PROJECT DESCRIPTION	MONTHLY ACTIVITY	PERCENT CONSTRUCTION COMPLETE/PHASE
Wilbarger Creek Wastewater Treatment and Collection System Improvements, Phase 1	Wilbarger WWTP, Onsite LS, Public Works Bldg.	Project closeout	100%
Wilbarger Creek Wastewater Treatment and Collection System Improvements, Phase 2	Creekside Lift Station improvements, Carrie Manor Lift Station	Carrie Manor Lift Station - Station energized, startup testing scheduled for the 13th	99%
2017 Water Distribution System Improvements	12" water transmission main along Gregg Lane, FM973 and Tower Road	Project closeout	100%
Cottonwood Creek Wastewater Treatment Plant	200,000 GPD wastewater treatment plant and lift station	Equipment installation and startup scheduled for the 20th	95%
Cottonwood Creek Wastewater Collection System Improvements Project	Gravity wastewater lines and lift station to serve Cottonwood Creek Basin and Cottonwood Creek Tributary Basin	Construction is at approximately 90%. Contractor has been delayed by shortages of lift station equipment. The contract completion date of January 8 is expected to be extended into April.	90%
FM973 Water & WW Lines	12" water line and 12"/15" gravity wastewater line in FM 973	Water installation and testing has been completed; installation of wastewater began week of February 7 th .	Construction Phase – Construction approx. 75% complete. Received final easement. Wastewater installation started back up 2/28/22
Bastrop/Parsons Gravity Main	12" gravity wastewater main	Wastewater improvements have been installed and are in service. Contractor has completed paving repairs	90%



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CIP W-15 FM973 WL	12" Water Line from downtown to Manor Commons area	Construction contract was approved for award at 10/20/21 Council meeting	Council voted to start condemnation procedure for final easement. Construction began 3/7/2022
Pavement Management Program	Pavement Assessment and Management Program	Began working on Phase 2.	Phase 2 – 10% complete
I&I Program	Phase 1 and Phase 2 Inflow and Infiltration Program	Provided City Staff draft report for review. Final report to be presented to Council at April 6 meeting.	Phase 1 – complete Phase 2 – 95% complete
Cottonwood Creek Phase 2 Wastewater Line Extension	Northern extension of gravity wastewater line in Cottonwood Creek Basin	Construction contract awarded, precon being scheduled	Construction Phase
Manor Commercial Park WW Collection System	Phased wastewater collection system improvements for Beltex area	Working on ROEs and preliminary engineering	Preliminary Engineering
Gregg Manor Road GST and Pressurization Facilities	Ground storage tank and water pressurization facilities for the EPCOR water delivery point	Project kickoff meeting to be held week of March 21; survey scope established	Preliminary Engineering
FM 973 and US 290 Water Lines, CIP W-15 & W-16	Water line extensions along FM973 and US 290	Working on ROEs and preliminary engineering	Preliminary Engineering
Bell Farms and Presidential Glen LS Imp, CIP-2 & CIP-3	Upgrades to the Bell Farms and Presidential Glen lift stations to provide capacity for new growth	Preliminary Engineering under way, submittals under City Review	Preliminary Engineering
FY 2021 Paving Improvements Project	Capital Metro BGA and City-Funded paving improvements	Project bid on March 15, 2022; contract to be awarded at April 6 Council Meeting.	Construction plans and specifications 100% complete.
Cottonwood Creek West Tributary WW Improvements	Wastewater CIP Line in Cottonwood Creek West Tributary Basin	Working on ROEs and preliminary engineering	Preliminary Engineering
Cottonwood Creek Grant Project	Grant funded expansion of the Cottonwood Wastewater Treatment Plant	Grant application forms completed. Waiting for CAPCOG and EDA schedule.	Preliminary Engineering

Streets and Parks Monthly Report March 2022

Daily Duties and Projects 3-1-2022 / 3-31-2022

Street Maintenance- repaired and replaced 35 mph sign on Samuel Welch Way.

Street Maintenance – repaired Stop signs at W. Parsons,& Bastrop St.

Street Maintenance – crack sealed Carrie Manor, Abernathy,

Streets Maintenance – placed cemetery signs at cemetery.

Streets Maintenance – pothole repairs Jessie St, Johnson RD, Tower Rd, Bois D Arc, Wheeler, Caldwell, Llano, N. Bastrop, Browns Boro, Greg Manor

Street Maintenance- Added base on Alley @ S. Caldwell & Parsons St.

Parks Maintenance – cut and trimmed trees at water wells.

Parks Maintenance – cut and trimmed trees on ROW near Jessie St.

Parks Maintenance – Trimmed trees near Art Park in City ROW.

Parks Maintenance – installed new mulch at Jennie Ln Park playscape.

Parks Maintenance – Cleaned up debris dumped behind fences at Hamilton Point Park.

Parks Maintenance – Put out pre-merge at City hall, Jenny Ln Park Public Works.

Parks Maintenance- Planted 8 Monterey Oak trees at Public Works.

Weekly irrigation checks.

Playground and play scape monthly safety checks.

Scheduled weekly Park mowing maintenance completed.

Friday Afternoons Bulk Drop Off for city residence.

Scheduled weekly Park rounds at park facilities completed.

Scheduled weekly (ROW) Right of Way mowing completed.

Weekly vehicle & equipment checks and maintenance.

MS4 Storm drain inspections monitored New/Construction under warranty

-29 locations inspected once a day.

-2 MS4 reports submitted this month as required by TCEQ.

Concrete Pre pour Inspection

Logos Phase 4 & 5 – 5 inspections

Manor Heights Phase 2 – 2 inspections

Manor Heights Phase 3 – 1 inspection

Manor Heights Phase 6 – 1 inspection

Logos Village Clusters – 0 inspections

Presidential Heights Phase 6 – 0 inspections

Stonewater Phase-3 – 0 inspections

Density Test

Lagos Phase 4 & 5 - 0 inspections

Manor Heights Phase 2 Sec 2 – 0 inspection

Presidential Heights Phase 6 – 0 inspection

Shadowview Sec 3 Hill Ln – 0 inspections

Stonewater Phase-3 – 0 inspections

Manor Commands Phase 2- 6 inspections

Manor Commands Phase 3- 4 inspections

Manor Commands Phase 4&5- 2 inspections

Proof Rolls

Lagos Phase 4 & 5 – 0 inspections

Manor Heights Phase 6 – 0 inspections

Manor Heights Phase 2 sec 2 – 0 inspections

Manor Heights Phase 3 – 3 inspections

Shadowview Sec 3 Hill Ln – 0 inspections

Stonewater Phase-3 – 0 inspections

Pre-Pave Inspections

Logos Phase 3 – 0 inspections

Manor Heights Phase 2 Sec 2 – 0 inspection

Manor Heights Phase 6 – 0 inspection

Presidential Heights Phase 6 – 0 inspection

Storm Sewer Inspections

Manor Heights Phase 3 – 0 inspections

Gregg Manor Rd – 0 inspections

Shadowview Sec 3 Hill Ln – 0 inspections

Village of Manor Commons Phase 2 – 0 inspections

Manor Commands Phase 2- 2 inspections

Inspections/Warranties/New subdivision Walkthroughs and Pre-Construction meetings.

Presidential Heights Phase 3 – homes are still being built.

Presidential Heights Phase 6 – home are being built.

Presidential Heights Phase 3- 2-year walkthrough has been done, contractor in process of repairs.
October 2021 still waiting.

Presidential Heights Phase 5 – 1 -year walkthrough has been done, contractor in process of repairs.
September 2021 still waiting.

Presidential Heights Phase 4 – 2 years walkthrough has been done, contractor in process of repairs.
November 2021 still waiting.

Stonewater North Phase 2- 2 years walkthrough has been done, contractor in process of repair. April
2021 still waiting.

Stonewater North Phase 3-2-year Walkthrough has been done, contractor in process of repairs.
Completed.

Manor Commons – Phase 1- homes are still being built.

Manor Heights – Phase I Sec. 1 – homes are being built.

Manor Heights – Phase I Sec. 2 – homes are being built.

Manor Heights Phase 1 Sec 1 – 1-year walkthrough has been done, contractor in process of repairs.
November 2021 still waiting.

Manor Heights – Phase I Sec. 2 – Contractor in building process.

Manor Heights – Phase II Sec. 1- Contractor in building process.

Manor Heights – Phase II Sec. 1 & 2 Contractor in building process.

Manor Heights – Phase III Sec. 1- development process.

Manor Heights Phase III Sec. 2 – development process.

Manor Commons wastewater and water improvements in process.

Logos Phase 4 and 5 in development process.

Logos Phase 4 and 5 walkthrough punch list prebuilding February 2022

Lagos Phase 2- homes are being built.

Logos Village Clusters in building process.

Shadowglen Phase 2 Sec 22 & 23A walkthrough punch list. September 2021 still waiting.

Shadowglen Phase 2 Sec 25 & 26 walkthrough punch list. September 2021 still waiting.

Shadowglen Phase 2 Sec 27A & 27B walkthrough punch list September 2021 still waiting.

Shadowglen Phase 2 Sec 17 2-year walkthrough has been done, contractor in process of repairs.
November 2021 still waiting.

Shadowglen Phase 2 Sec 21A & 21B walkthrough punch list. January 2022 still waiting.

Water Monthly Report March 2022

For the month of March, the Water Department had 22 service calls, 4 repair jobs, 7 maintenance jobs and 18 inspections.

Service calls include: Low water pressure calls, meter leaks, line locates, brown water calls, disconnect water services, and connected water services.

Repairs:

11601 Liberty- repaired a 1"-meter curb stop.

11901 South Bastrop - repaired a 1"-meter curb stop.

416 Gregg St curb stop has been repaired.

West Elevated Storage Tank -replaced pilot on 16" clay valve by Fluid meter service.

Maintenance

Aqua Tech Lab -took first set of five Bac T samples and dropped off at Aqua Tech Lab for testing on 3-9-22 samples passed.

Data Flow Systems - sent in a spare TCU unit due to the screen flashing on and off, to be repaired TCU.

307 West Wheeler- locate utilities for property owner marked water main and service with blue paint and flags notified customer.

Aqua Tech Lab -took second set of five Bac T samples and dropped off at Aqua Tech Lab for testing on 3-15-22 samples passed.

11957 Johnson Rd Wastewater transport cleaned grease and rags out of lift station.

Education – Daniel Dale - signed up on TCEQ web page application to take a Grade C Distribution Exam on 3-10-22 once application has been approved will schedule a testing date by DD Lagrange and Lane in alley - leveled to water valve to ground level and painted valve cover blue.

Inspections

Manor Heights Phase 3 section 2 - pressure test water main 200 psi for 15 minutes and 150 psi for one hour. Both passed.

New Tech HS - test hydrant on Old Hwy 20 by Joyce Turner Dr- flow test fire hydrant with Capital Hydrant LLC.

Ring Rd east side of 973-flow test fire hydrant with Capital Hydrant LLC.

Manor Heights Phase section 1 and 2 - pressure test wastewater mains and pulled mandrels both passed.

Manor Heights Phase 4 Precon meeting with JL Gray Construction.

High pressure main test for wastewater on Hill lane.

Black rock construction water main and services being installed check for proper bedding, cover, marking tape, restraints and thrust blocking.

Manor heights water main and services being installed check for proper bedding, cover ,marking tape, restraints and thrust blocking.

De Guerera water main and services being installed check for proper bedding, cover, marking tape, restraints and thrust blocking.

Lagos water main and services being installed check for proper bedding, cover, marking tape, restraints and thrust blocking.

Shadowview off Hill Ln and Gregg LN water main and services being installed check for proper bedding, cover, marking tape, restraints and thrust blocking.

Cash construction look at fire hydrants and determine they need to be raised.

Manor Heights repaired fire hydrant by JL Gray.

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Shadowview off Hill Ln and Gregg LN water main and services being installed check for proper bedding, cover, marking tape, restraints and thrust blocking.

Wastewater Monthly Report March 2022

For the month of March, the Wastewater Department had 4 service calls, 8 repair jobs, 2 maintenance jobs and 2 inspections.

Service Calls

103 East Brenham - possible sewer clog - checked city side and customer side service no clogs found on customer or city side of service notified customer.

16800 Hamilton Point - jetted city side clean out and cleared also called locates to make repairs where city side meets customer side service.

307 E Carrie manor- sewer clog- issue was on city side service. Hydro jet city side service and cleared customer was notified.

13349 Indian Oak Bend Customer called to report she has roots in her line. Plumber said it was on city side. we will be checking line with cameras and determine if repair will be needed.

Repairs

12400 Waterford Run - replaced a broken clean out cap and lid.

Wilbarger Plant Bisulfite chemical room - replaced switch on exhaust fan fan is back in operation.

16800 Hamilton Point - made repairs where city side meets customer side of service and installed a new clean out cap and lid.

16613 Jaron Drive -made repairs where city side meets customer side of service and installed a new clean out cap and lid.

17212 Hamilton point circle sewer service has been repaired.

12725 St. Mary sewer service has been repaired.

13349 Indiana Oak sewer service has been repaired.

16804 Hamilton sewer service has been repaired.

Maintenance

Stonewater Lift Station - cleaned wet well of grease ,rags etc. by Wastewater Transport.

Ordered a truck load of alum 4,500 gallons from Brenntag.

Inspections

Manor Commons Phase 4 and 5 - pressure test mains and vacuum test manholes all passed by DD 3-1-22

Manor Heights Phase 3 section 1 and 2 - pulled mandrels through wastewater main passed inspection by RM,JB 3-9-22