



MEMO

To: Mayor and City Council Members
From: Mike Tuley, Director of Public Works
Date: August 18, 2021
RE: July Monthly Report

Public Works Department

Street and Public, Parks, and Maintenance Department

In the month of July, 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 July, 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 the month of July, 49% of the water we supplied to our residents was from our wells, and we purchased 51% from EPCOR and Manville WSC.

Population

City of Manor- 16,055
Shadowglen- 5,886

Subdivision Inspections

- Street Inspections- 43
- MS4 – 20 Inspection per working day.
- Water Inspections- 6
- Wastewater Inspections- 4

CITY OF MANOR
CAPITAL PROJECT STATUS REPORT

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.	Final punch list items being corrected	99%
Wilbarger Creek Wastewater Treatment and Collection System Improvements, Phase 2	Creekside Lift Station improvements, Carrie Manor Lift Station	Carrie Manor lift station wet well set, equipment installation under way	85%
2017 Water Distribution System Improvements	12" water transmission main along Gregg Lane, FM973 and Tower Road	Scope of work substantially complete, project closeout items remain	100%
2020 Cap Metro Paving Improvements	Paving improvements on Burnet, Rector and Townes Streets	Weather events have impacted construction, however prosecution of the work is being conducted diligently and timely completion is anticipated	60%
Park Bathroom	Public restroom for Timmerman Park	Supplier selected	Contracting Phase
Cottonwood Creek Wastewater Treatment Plant	200,000 GPD wastewater treatment plant and lift station	Equipment installation ongoing	60%
Cottonwood Creek Wastewater Improvements Project	Gravity wastewater lines and lift station to serve Cottonwood Creek Basin and Cottonwood Creek Tributary Basin	Pre-Con was held onsite July 30, 2021 and Notice to Proceed was issued for August 2, 2021.	5%

US 290 Water Line	12" water line extension from Presidential Glen along US 290 to past Kimbro Road	Change order to reflect pipe cost increases due to the force majeure has been executed by the City and Contractor. Notice to proceed was issued for July 1 with a September 29 completion date	40%
FM 973 Water and Wastewater Lines	12" water line and 12"/15" gravity wastewater line in FM 973	Design complete and submitted to TCEQ for review	Contract/Bidding Phase
Bastrop/Parsons Gravity Main	12" gravity wastewater main	Due to conflict with AT&T line we are preparing a change order to finish the line replacement in Parsons using pipe bursting	55%
CIP W-15 FM973 WL	12" Water Line from downtown to Manor Commons area	Final design nearing completion	Design
Pavement Management Program	Pavement Assessment and Management Program	Mapping of roadway network in GIS complete, field data collection completed, data processing completed	Evaluation Phase
I&I Program	Phase 1 and Phase 2 Inflow and Infiltration Program	System mapping and GIS data entry completed, report generation under way	Phase 1
Cottonwood Creek Wastewater Line Extension	Northern extension of gravity wastewater line in Cottonwood Creek Basin	Engineering contract issued August 4, 2021	Design Phase

Streets and Parks Monthly Report July 2021

Daily Duties and Projects 7-1-2021 / 7-31-2021

- Street Maintenance- West Townes St between Bastrop St & Lexington St milled and removed old asphalt for base repairs for paving.
- Street Maintenance- West Lane St between Bastrop St and Lexington Street milled and removed old asphalt for base repairs for paving.
- Street Maintenance- West Browning St between Bastrop St & Lexington St added base for Asphalt overlay.
- Trimmed trees at Timmerman Park
- Parks flower bed maintenance at Timmerman Park pulling weeds.
- Park Maintenance – Mowed High school aera around parking lot for 4th of July event.
- Worked 4th of July event.
- Weekly irrigation checks.
- Play ground and play scape monthly safety checks.
- Scheduled weekly Park mowing maintenance completed.
- Friday Afternoons Bulk Drop Off for city residence.
- Scheduled weekly Park rounds @ park facilities completed.
- Scheduled weekly (ROW) Right of Way mowing completed.
- Weekly vehicle & equipment checks and maintenance.

MS4 Storm drain inspections monitored New/Constrution under warranty

- 20 locations inspected once a day.
- 2 MS4 reports summited per month per location as required by TCEQ.

Concrète Pre pour Inspection

Logos Phase 2 – 15 inspections
Manor Heights Phase 2 Sec 1&2 – 4 inspections
N. Burnet St. paving project - 2 inspections
Ring Dr. Holiday Inn – 1 inspection
Manor Heights Phase 2 Sec 1&2 – 5 inspections

Density Test

Lagos Phase 2 – 3 inspections
Manor Heights Phase 2 Sec 2 – 3 inspections

Proof Rolls

N. Burnet St. – 5 inspections
Lagos Phase 2 – 4 inspections
Manor Heights Phase 2 sec 2 – 1 inspection

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

Presidential Heights Phase 3 – homes are still being built.

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

Presidential Heights Phase 5 – Homes are being built.

Stonewater North Phase 2- Homes are being built.

Stonewater North Phase 3-1-year Walkthrough has been done, contractor in process of repairs.

Lagos Phase 2- Contractor in development process

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

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

Manor Heights – Phase I Sec. 2 - Contractor hasn't started building process.

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

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

Manor Heights Phase III Sec. 2 – development process.

Grass Dale Manor Apartment - is in building process.

Manor Grand Apartments - is in building process.

Prose Manor Commons Apartments – Contractor is in building process.

Dairy Queen – Contractor in development and building process.

Manor Commons wastewater and water improvements in process.

Lagos Phase 4 and 5 in development process.

Lagos Village Clusters in development process.

Lagos TIA improvements on San Marcos St. in process.

Pre con for TIA improvements @ San Marcos and Carrie Manor

Pre con for Las Entradas improvements @ Gregg Manor and Tur Weg Ln.

Water Monthly Report July 2021

For the month of July, the Water Department had service calls, repair jobs, maintenance jobs and inspections.

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

Repairs

303 West Townes St – Replaced broken meter curb stop.

12104 Canton Ct - Replaced broken meter curb stop.

11307 Dimmit St - replaced a broke 1 x 5/8 curb stop.

North LaGrange and Browning St SW corner - Repair one-inch services line.

San Marcos and Parsons at NE corner - Repair one-inch services line.

106 East Burton St - repaired a 3/4 service line.

11402 Lapoynor - replaced 1x 5/8 broken curb stop.

Gallant St - repaired an 8" main break'

Mustang Elevated Storage Tank by Sonic drive in - repaired a 10" valve.

Maintenance.

Aqua Tech Lab – Perform the first set of monthly water bacteriological samples on 7/12/2021.

The lab results were negative to any harmful bacteria on 7/13/2021.

Aqua Tech Lab – Perform the second set of monthly water bacteriological samples on 7/21/2021 The lab results were negative to any harmful bacteria's on 7/22/2021.

5311 Gilbert Rd. at Clearwell - changed out cl2 bottle number 150 lbs.

Wells, Elevated Water Towers; and Booster pump rooms - replaced back up batteries on Scada systems'

Flush water mains - Perform monthly flushing of fire hydrants at dead end main required by the Texas Commission on Environmental Quality. (TCEQ)

Clean and cut weeds around fire hydrants.

Locate Water Mains and wastewater lines for contractors. – 10

Inspections

The Enclave at Lagos South - Chasco construction water main.

The Enclave at Lagos South - Chasco construction thrust blocking on fire hydrants.

HWY 290 at Presidential Glen to Old Kimbro Rd - new 12" water main Tie In by Atlas Construction.

Lagos section 4 & 5 – Collected water bacteriological samples 7-16-21 received results on 7-16-21.

1401 US HWY 290 - did a flow test on hydrants with Shipman Fire Protection. Enclave at Lagos South - opened water valve to fill main for pressure test.

HWY 290 at Presidential Glen to Old Kimbro Rd – Inspect 12" water main for Atlas Construction.

Wastewater Monthly Report July 2021

For the month of June, the Wastewater Department had 8 service calls, 6 repair jobs, 5 maintenance jobs and 2 inspections.

Service Calls

- 18100 Canopy-sewer clog-jettted city service and cleared line.
- 11407 Hereford – sewer clog-jettted city service and cleared line.
- 16200 Hamilton Point – sewer clog-jettted city service and cleared line.
- 114 East Parsons – sewer clog-jettted city service and cleared line.
- 13220 Mizzen – sewer clog-jettted city service and cleared line.
- 201 East Brenham St. – sewer clog-jettted city service and cleared line.
- 208 East Parsons St. – sewer clog-jettted city service and cleared line.
- 209 West Eggleston St. – sewer clog-jettted city service and cleared line.

Repairs

- 16200 Hamilton Point -repaired wastewater tap and installed new cleanout.
- 11407 Hereford St.- repaired wastewater tap and installed new cleanout.
- 18100 Canopy St.- repaired wastewater tap and installed new cleanout.
- 307 West Browning - installed new cleanout on property line.
- 18409 Maxa Dr. -repaired wastewater tap and installed new cleanout.
- 13416 Constellation - replaced broken 6" clean out cap and lid

Maintenance

- Maxa and Constellation streets - hydro jet main.
- Peeling Way and Carillon Way - hydro jet main.
- 12000 Blk. Bastrop St. - hydro jet main.
- 16325 Hamilton Point - hydro jet main.
- Forest Sage to Carriage Hills Drive - hydro jet main

Chemical

Wilbarger Plant - ordered 1900 gallons of sodium hypochlorite 10% solution for Wilbarger plant.

Wilbarger Plant - ordered 4800 gallons of alum for Wilbarger plant.

Wilbarger Plant - ordered 700 gallons of hydrogen peroxide for Wilbarger plant.

Inspections

Manor Prose apts. - pulled mandrels

The Enclave at Lagos South - inspect wastewater pipe.

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