



MEMO

To: Mayor and City Council Members
From: Mike Tuley, Director of Public Works
Date: November 17, 2021
RE: October Monthly Report

Public Works Department

Street and Public, Parks, and Maintenance Department

In October, 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 October, 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 October, 81% of the water we supplied to our residents was from our wells, and we purchased 19% from EPCOR and Manville WSC.

Population

City of Manor- 15,227

Shadowglen- 5,992

Subdivision Inspections

- Street Inspections- 24
- MS4 – 20 Inspection per working day.
- Water Inspections- 11
- Wastewater Inspections- 7

CITY OF MANOR
 CAPITAL PROJECT STATUS REPORT
 PUBLIC WORKS DEPARTMENT
 October 2021

| 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, punch list inspection conducted on 10/4/2021 | 99% |
| Wilbarger Creek Wastewater Treatment and Collection System Improvements, Phase 2 | Creekside Lift Station improvements, Carrie Manor Lift Station | Carrie Manor lift equipment being installed, startup to begin in November | 95% |
| 2017 Water Distribution System Improvements | 12" water transmission main along Gregg Lane, FM973 and Tower Road | As-built drawings submitted for record drawings | 100% |
| 2020 Cap Metro Paving Improvements | Paving improvements on Burnet, Rector and Townes Streets | Everything is completed, contractor waiting on payment from City for project to be closed out. | 99% |
| Cottonwood Creek Wastewater Treatment Plant | 200,000 GPD wastewater treatment plant and lift station | Equipment installation ongoing | 75% |
| 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. | 50% |
| US 290 Water Line | 12" water line extension from Presidential Glen along US 290 to past Kimbro Road | Final Walk-Thru November 15. | Project Substantially Complete, retainage being held until vegetation is established. |
| FM973 Water & WW Lines | 12" water line and 12"/15" gravity wastewater line in FM 973 | Precon tentatively scheduled for Nov 17 – waiting on bonds and insurance from contractor. | Construction Phase |

| | | | |
|--------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Bastrop/Parsons Gravity Main | 12" gravity wastewater main | Change Order issued to finish the line replacement in Parsons using pipe bursting and extending completion date to October 29th | 90% |
| 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 | Waiting to issue Notice to Proceed when all easements have been secured |
| Pavement Management Program | Pavement Assessment and Management Program | Phase 1 has been completed. | Will begin Phase 2 in late November or early December. |
| I&I Program | Phase 1 and Phase 2 Inflow and Infiltration Program | Phase 1 Final report to be submitted to City by 11/19/2021 | Phase 1 – 99% complete |
| Cottonwood Creek Wastewater Line Extension | Northern extension of gravity wastewater line in Cottonwood Creek Basin | Engineering contract issued August 4, 2021, design under way | Design Phase |

Streets and Parks Monthly Report October 2021

Daily Duties and Projects 10-1-2021 / 10-31-2021

Street Maintenance – repaired and replaced stop signs at Bastrop St. & Parsons St.

Street Maintenance - filled potholes @ N Bastrop St, W. Wheeler St, N. Caldwell St., W. Brenham St, E. Carrie Manor St, John Nagle St, Smith St, E. Browning St, W. Murray Ave, N. Lagrange St, Eggleston St, Abraham Rd, Old Kimbro, Johnson Rd, E Burton St, E. Lane St, Suncrest.

Street Maintenance- repaired and replaced stop sign down at Ring Dr & Bella Parkway.

Street Maintenance – prepped and made asphalt repair @ 306 E. Wheeler St water cut repair.

Street Maintenance – repaired and replaced stop sign down at Bastrop St & Parsons St.

Street Maintenance- placed new curb stop at Jennie Lane Park in parking lot.

Street Maintenance- placed flood gauge signs on Old Kimbro on bridge.

Streets Maintenance – changed out faded stop signs @ Marie Ln & Maxa Dr, St Mary & Ring Dr, Lapoynor St. & Canton Ct, Murchison St. & Athens St.

Streets Maintenance- repaired and replaced stop sign down at FM 973 & E. Wheeler St.

Streets Maintenance – prepped sidewalk for repair @ Gallant St. & Skysail Dr.

Streets Maintenance – repaired and replaced stop sign down at E. Lane St. & N. Lagrange St.

Streets/Parks Maintenance- helped PD setup National Night Out event.

Streets Maintenance – pepped water cut for asphalt repair at E. Browning St. & Gregg St.

Streets/Parks Maintenance – cut and trimmed dead trees in Cemetery.

Parks Maintenance – continued Bocci Ball court repairs – releveling the courts and replacing bad boards and added granite rock trails to enter courts.

Parks Maintenance Rye Grass seeded City Hall, PD, Public Works, Jennie Ln Park.

Parks Maintenance – trimmed trees at Bell Farms Park.

Parks Maintenance- weed eated Cemetery.

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 @ 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

-28 locations inspected once a day.

-7 MS4 reports submitted this month as required by TCEQ.

Concrete Pre pour Inspection

Logos Phase 4 & 5 – 5 inspections

Manor Heights Phase 2 Sec 1&2 – 5 inspections

Logos Village Clusters – 4 inspections

Density Test

Lagos Phase 4 & 5 - 1 inspections

Manor Heights Phase 2 Sec 2 – 0 inspection

Presidential Heights Phase 6 – 1 inspection

Proof Rolls

Lagos Phase 4 & 5 – 2 inspections

Logos Phase 3 – 3 inspections

Manor Heights Phase 2 sec 2 – 2 inspections

Pre-Pave Inspections

Logos Phase 4&5 – 0 inspections

Manor Heights Phase 2 Sec 2 – 0 inspection

Storm Sewer Inspections

Manor Heights Phase 3 – 10

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.

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

Stonewater North Phase 2- Homes are being built.

Stonewater North Phase 3-2-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 in 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 building process.

Manor Commons wastewater and water improvements in process.

Logos Phase 4 and 5 in development process.

Logos Village Clusters in building process.

Lagos TIA improvements on San Marcos St. in process.

Shadowglen Phase 2 Sec 22 & 23A walkthrough punchlist

Shadowglen Phase 2 Sec 25 & 26 walkthrough punchlist

Shadowglen Phase 2 Sec 27A & 27B and 28-Trails walkthrough punchlist

Water Monthly Report October 2021

For the month of October, the Water Department had 17 service calls, 8 repair jobs, 8 maintenance jobs and 11 inspections.

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

Repairs

ShadowGlen Golf course maintenance barn - repaired a 2" service line break replaced 6ft of 2" poly service line.
809 North Caldwell - repaired a 2" main break used a 2x 7 1/2 full circle clamp to make repair.
16021 Hamilton Point - replaced a leaking 3/4 meter shut off valve on city side.
200 Blk West Burton - repaired a 2" pvc main break replaced 10 ft of 2" pvc pipe.
207 West Wheeler - replaced a broken curb stop and installed new meter box and lid.
16205 Hamilton Point - replaced leaking angle stop at meter on city side of service.
17209 Hamilton Point - replaced meter seals on city side of meter.

Maintenance

FX 30 Ditch Witch vacuum Trailer - replaced pressure gauge on the FX 30 ditch witch.
Hwy 290 and FM 973 - installed water valve signs marking the water valves to 12" water Main.
Aqua Tech Lab - took first set of 5 Bac T samples and dropped off at Aqua Tech Lab.
512 Jessie St. -Locate in front of property water main and services marked with blue paint and flags M&B home builders will be setting pole contact number 979-716-0399.
John Deer Backhoe - greased all inserts on Backhoe.
200 BLK West Burton - marked work area with white paint and called for locates so we can make repairs to 2" water main break.
Aqua Tech Lab - took second set of 5 Bac T samples and dropped off at Aqua Tech Lab.
Duett's Tire Sop - yearly inspection on unit 419 it passed.

Inspections

Lagos Phase 3 - Preconstruction meeting for Phase 3 with JL Gray Construction.

Manor Heights - pressure tested main installed by Atlas Construction along North side of HWY 290 from Paseo De Presidente to Old Kimbro rd. passed.

US 290 Waterline Improvements - opened valve and flushed water main installed by Atlas Construction along North side of HWY 290 from Paseo De Presidente then shut water valve back off - Atlas construction chlorinated main will let set 24 hrs.and flush main again then pull Bac T samples on Friday.

Manor Commons Lot 12 B - opened valve so Contractor Site Rite could flush main and grabbed Bac T samples then shut valve back off will open once Bac T samples have passed.

US 290 Waterline Improvements from Paseo De Presidente to Old Kim Bro Rd by Atlas Construction- Received Bac T results from lab all passed.

Manor Commons Ring drive lot 12 B - water main by Site Rite Construction Received Bac T results from lab all passed.

US 290 Waterline Improvements from Paseo De Presidente to Old Kim Bro Rd by Atlas Construction walk thru inspection with Atlas Construction.

Hill Lane Precon with PG,LZ,DB and Cash Construction.

Hill Ln St Joseph Church water main by Kim Till Construction - water main and fire hydrant thrust blocking.

Hill Ln St Joseph Church water main by Kim Till Construction - water main and fire hydrant thrust blocking.

SE corner of 290/ 973 - flow tested 12" water main with Capital Hydrant LLC.

Wastewater Monthly Report October 2021

For the month of October, the Wastewater Department had 6 service calls, 7 repair jobs, 10 maintenance jobs and 7 inspections.

Service Calls

11402 Lapoynor - customer stated sewer service was broken - checked break on wastewater service the break was on customer side of service notified customer by door tag nobody was and phone number did not work.

16813 Trevin Cove - sewer clog - clog was on customer side of service notified customer city side was clear, and clog was on customer side of service.

12809 Door Bell - customer stated sewer clean out stack sticking out of ground too high - lowered clean out to ground level per customer.

210 West Burton - sewer clog - cleared clog on city side of service and called locates to make repairs where city side meets customer side.

603 Samiripa - sewer clog - jetted city side clean out and cleared notified customer.

11019 US HWY 290 - sewer clog - city side was clear notified customer it was an inside issue.

Repairs

Bell Farms lift station - received a seal failure alarm on pump number 1 at Bell Farms lift station pulled pump number 1 - determined it had moisture in pump so sent pump number 1 to Pump Solutions for repairs.

510 Jessie - installed a new wastewater tap and ran service to property line, set a new clean out on property line.

17209 Hamilton Point - repaired wastewater service where city meets customer side and installed a new clean out cap and lid.

12901 Wedding drive - repaired wastewater service where city meets customer side and installed a new clean out cap and lid.

210 West Burton - installed a new clean out on property line (previously did not have clean out on property line).

12741 Bella Park way-repaired wastewater service where city meets customer side and installed a new clean out cap and lid.

Bell Farms lift Station - received high level alarm and pump 2 fail to start alarm-found a loose connection on lead float - pump number 2 is back in operation.

Maintenance

Wilbarger Plant - received load of sodium hypochlorite 2,000 gallons for Wilbarger Plant.

Carriage Hills Lift Station - replaced broken boards around fence at carriage hills lift station.

12741 Bella Park way - marked work area with white paint and called locates to make repairs on wastewater service where customer side meets city side called locates.

210 West Burton - marked work area with white paint and called locates to make repairs where city side meets customer side.

512 Jessie St -Locate in rear of property wastewater main and services marked with green paint and flags M&B home builders will be setting pole contact number 979-716-0399.

Wilbarger Plant - received load of alum 4,500 gallons for Wilbarger Plant.

Presidential Glen lift station Generator on HWY 290- low coolant level -added coolant to generator radiator

Presidential Glen on Woodrow Wilson St. lift station Generator - low coolant level -added coolant to generator radiator.

Wilbarger Plant - received load of sodium hypochlorite 1,900 gallons for Wilbarger Plant.

Wilbarger Plant - ordered load of Alum 4,500 gallons for Wilbarger Plant.

Inspections

1.Lagos Phase 3 - Preconstruction meeting for Phase 3 with JL Gray construction, PG,GS.

2.600 BLK Carrie Manor - pressure test 12" high pressure wastewater main by Austin Engineering for new lift station - passed held 90 psi for 1 hr. by JT 10-13-21

3 Hue LUM Buddhist Center Wastewater Tap preconstruction meeting with Travis county, Underground water solutions,LZ,GS,JT 10-27-21

4.Manor Heights Lift station start up with JL Gray construction, Frank Phelan, Pauline Gray lift station online on 10-29-21

5.Las Entradas Greg Manor Rd - wastewater main and manholes by JL Gray Construction by DD 10-27-21 to 10-29-21

6.Hill In St Joseph Church -4" High pressure wastewater main by Kim Til Construction by DD 10-25-21 to 10-29-21

7.Manor Heights HWY 290 - wastewater main and manholes by Guerra Construction by DD 10-25-21 to 10-29-21