



MEMO

To: Mayor and City Council Members
From: Mike Tuley, Director of Public Works
Date: April 14, 2021
RE: **March Monthly Report**

Public Works Department

Street and Public, Parks, and Maintenance Department

In the month of 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 the month of March, 48% of the water we supplied to our residents was from our wells, and we purchased 52% from EPCOR and Manville WSC.

Subdivision Inspections

- Street Inspections- 18
- Water Inspections- 8
- Wastewater Inspections- 9

CITY OF MANOR
 CAPITAL PROJECT STATUS REPORT
 PUBLIC WORKS DEPARTMENT
 APRIL 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.	Public works building is occupied, startup of the grit pump/classifier and hydr mulch this week, punch list walk through on Thursday, VFDs for sludge pumps 5 weeks out, filter canopy structural steel not available	96%
Wilbarger Creek Wastewater Treatment and Collection System Improvements, Phase 2	Creekside Lift Station improvements, Carrie Manor Lift Station	Creekside lift station controls installed, secondary to be installed this week; Carrie Manor lift station Cap Metro license secured, manholes are under production (2-week lead time)	42%
2017 Water Distribution System Improvements	12" water transmission main along Gregg Lane, FM973 and Tower Road	SCADA site work complete, top end programming to be completed	99%
2020 Cap Metro Paving Improvements	Paving improvements on Burnet, Rector and Townes Streets	Bids opened and recommendation for award of a construction contract submitted for City Council Consideration	Construction Contract Phase
Park Bathroom	Public restroom for Timmerman Park	Project bidding this month	Bidding Phase
Cottonwood Creek Wastewater Treatment Plant	200,000 GPD wastewater treatment plant and lift station	Working installed effluent transfer line and outfall, irrigation pond graded, equipment and building pads constructed	11%

Cottonwood Creek Wastewater Improvements Project	Gravity wastewater lines and lift station to serve Cottonwood Creek Basin and Cottonwood Creek Tributary Basin	Re-advertised for bid - opening on April 21st	Bidding Phase
US 290 Water Line	12" water line extension from Presidential Glen along US 290 to past Kimbro Road	Re-advertised for bid - opening on April 21st	Bidding Phase
FM 973 Water and Wastewater Lines	12" water line and 12"/15" gravity wastewater line in FM 973	Preliminary design complete, working on Right of Entry forms for design survey.	Design Phase
Bastrop/Parsons Gravity Main	12" gravity wastewater main	Commenced construction of wastewater line	15%
CIP W-15 FM973 WL	12" Water Line from downtown to Manor Commons area	Preliminary design completed, right of entry forms secured, surveying to commence next week	Design
Pavement Management Program	Pavement Assessment and Management Program	Mobilized and are preparing maps for network delineation and data collection	Data Collection

Streets and Parks Monthly Report March 2021

Daily Duties and Projects 3-1-2021 / 3-31-2021

Street Maintenance prepped sunk spot on Murchison St. removed asphalt and replaced road base.

Street Maintenance patched potholes on Lexington St, S San Marcos, N Burnet, Bois D Arc, Tower Rd, Sun Crest, James Manor, Smith Gin, Perlange Pass, Abrahamson Rd, Kimbro, Voelker, Clara Martin, Freedom Hill, W. T. Gallaway, Johnson Rd, E Eggleston St, W wheeler St, N Townes, W Lane, N Caldwell, Llano St.

Street Maintenance crack sealed S. Lampasas St, Murchison St, S Bastrop St.

Street Maintenance repaired stop sign at Burnet St. at FM 20.

Trimmed trees in Timmermann Park.

Chipped trees at downtown water tower

Removed silt fencing at Timmermann Park.

Street Maintenance changed out faded Stop signs at Lapoynor at Dead End, Liberty St at Dead End, Navasota St at Murchison St, Bastrop at Murchison St.

Jennie Lane Park added Kiddie Mulch to playscape area.

Trimmed bushes at City Hall, PD, and Jennie Lane Park.

Planted flowers at City Hall, PD, Timmermann Park.

Trimmed more trees around cemetery fence.

Irrigation repairs at Timmermann Park.

Weekly irrigation checks.

Playground and play scape monthly safety checks.

Scheduled weekly Park mowing maintenance.

Friday Afternoons Bulk Drop Off for city residence.

Scheduled weekly Park rounds @ park facilities.

Scheduled weekly (ROW) Right of Way mowing.

Weekly vehicle & equipment checks and maintenance.

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- 1year walkthrough has been done, contractor in process of repairs.

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

Manor Commons Apartments – still in building process.

Ring Drive – 1year walkthrough has been done, contractor in process of repairs.

Manor Heights – Phase I Sec. 1&2 Contractor in development process.

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

Grass Dale Manor Apartment - is in building process.

Manor Grand Apartments - is in building process.

Prose Manor Commons Apartments – is in development process and building process.

Dairy Queen – Contractor in development process.

Manor Commons wastewater and water improvements in process.

Logos Phase 4 and 5 in development process.

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Water Monthly Report March 2021

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

Repairs

409 North Burnet-repaired a 1 1/2 water main break replaced 1 1/2 shut off valve by FZ,CD,JB 3-9-21.

11606 Liberty - replaced broken angle stop notified customer by CD,JB 3-12-21.

5311 Gilbert Ln at Clearwell - replaced bad cyclonoid valve on cl2 injector by FZ,CD,AM 3-17-21.

402 West Parsons city yard pump room - replaced leaking hose on Booster pump number 3 by FZ,JB,CD 3-31-21.

1.509 North Bastrop - repaired break on 6" Fire Hydrant lead line by FZ,CD,CD 3-5-21.

Maintenance

East Elevated storage tank - set up 4" chart recorder to the measure the pressure in the east system the PSI range was 50 to 54 psi east elevated Tower level was at 672 msl 3-9-21 to 3-12-21 by JT,DD.

Aqua Tech Lab - dropped off first set of 5 Bac T samples at lab samples came back good by DD 3-8-21.

Aqua Tech Lab - dropped off second set of 5 Bac T samples at lab samples came back good by DD 3-8-21.

5311 Gilbert Rd at Clearwell- changed cl2 bottle number 2 150 lbs. CD,AM 3-9-21.

5311 Gilbert Rd at Clearwell- changed cl2 bottle number 1 150 lbs. CD,AM 3-18-21.

Inspections

11401 US 290 (North of Post office)- flow test fire hydrant with Capital Hydrant LLC flow test passed by DD 3-3-21.

Ring Drive - inspect 12" water main bedding and thrust blocking on main from old Hwy 20 to Ring drive by CD 3-10-21.

ShadowGlen section 25/26 - pressure test water mains by FZ 3-11-21.

Manor Grand Apartments on Genome Ln - received Bac T results for water main all passed opened main line valve and flushed by JT,FZ 3-12-21.

Manor Heights Phase 1 section 2 - walk thru inspection with Pauline Gray, JL Gray Construction by RM,CD 3-15-21.

Ring Drive - water main for Dairy Queen Bedding and marking tape by CD 3-17-21.

Manor Heights Phase 2 section 2 -pressure test water main held for 200 psi for 15 minutes and 150 psi for an hr. both passed by DD 3-23-21.

Manor Commons SE lots 12 A and 12 B -pressure test water main held for 200 psi for 15 minutes and 150 psi for an hr. both passed by DD 3-25-21.

Wastewater Monthly Report March 2021

For the month of March, the Wastewater Department had 13 service calls, 5 repair jobs, 2 maintenance jobs and 9 inspections.

Service Calls

11500 Lapoynor -sewer clog - clog was on customer side of service line notified customer by CD 3-3-21.

19412 WT Galloway - check for leak -leak on customer side notified customer by Door tag nobody was home by JB 3-4-21.

12833 Ring drive- called locates to repair where city side meets customer side due to roots growing in pipe by CD 3-5-21.

109 East Boyce St A - sewer clog - clog was on customer side of service notified customer by FZ,CD 3-7-21.

16913 Jaron - sewer clog - clog was on customer side of service. customer had already had service line exposed to make repairs upon arriving at address notified customer to call city hall for permit to make repairs and schedule an inspection after repairs have been made by JT,JB 3-10-21.

19205 Revolutionary drive - sewer clog -jetted side service and cleared notified customer by CD 3-17-21.

20009 Hubert R Humphrey -check for leak -no leak found on city side or customer side .notified customer by CD,AJ 3-17-21.

13220 Mizzen - sewer clog - jetted service and cleared also called for locates so we can repair where city side meets customer side cleanout by CD 3-25-21.

11304 Dimmit - sewer clog - cleared clog and call for locates to repair where city side meets customer side by CD 3-23-21.

13304 Ring Drive - finish covering and clean up around wastewater service clean out by FZ,CD 3-29-21.

13220 Mizzen - called for line locates so we can repair wastewater service where city side meets customer side by FZ,CD 3-29-21.

12700 Lexington St. - locate wastewater main and services with green pain and flags for AT&T running cable by RM 3-29-21.

11304 Dimmit - sewer clog - clog has been cleared and locates have been called need to repair where customer side meets city side service by JB 3-30-21.

Repairs

18137 Canopy LN - replaced broken 6" clean out cap a lid on city side by DD 3-3-21.

601 North Lexington - replaced wastewater service from clean out to the main and installed new clean out cap and lid by FZ,CD,JB 3-4-21.

101 west parsons in alley - repaired 20 feet of 8" wastewater main replaced with PVC SDR 35 by BF,FZ,AM 3-10-21.

13301 Ring Drive - repaired 6" service line where customer side meets city side service and installed new cleanout cap and lid by FZ,CD,AM 3-26-21.

11304 Dimmit -repaired 6" service line where customer side meets city side service and installed new cleanout cap and lid by FZ,CD,AM 3-31-21.

Maintenance

Brenntag - ordered one truck load of Alum 4,800 gallons for Wilbarger Plant by RM 3-16-21.

Brenntag - ordered one truck load of sodium hypochlorite 1,800 gallons for Wilbarger Plant by RM 3-16-21.

Inspections

ShadowGlen section 25/26 - pressure test mains and vacuum test manholes by FZ 3-10-21.

ShadowGlen section 25/26 - pressure test mains and vacuum test manholes by FZ 3-11-21.

ShadowGlen section 22 - pressure test mains and vacuum test manholes by JT 3-11-21.

Manor Commons SE lots 12 A and 12 B- tie into existing wastewater main by DD 3-8-21.

Manor Commons SE lots 12 A and 12 B - wastewater main from Ring drive heading North to building site by CD 3-9-21 to 3-12-21.

ShadowGlen section 27 -pressure test mains and vacuum test manholes by JL Gray FZ 3-11-21.

Ring Drive Dairy Queen - vacuum test manholes by DD 3-12-21.

Manor Heights Phase 1 section 2 - walk thru inspection with Pauline Gray, JL Gray construction by Rm,CD 3-15-21.

Manor Heights Phase 2 section 2 - pressure test wastewater main by JL Gray and DD 3-23-21.