



City of Midland: Pothole Repair Updates

March 2024



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MIDLANDTEXAS.GOV



Presentation Outline

- Strategic Goal Connections
- Street Network
- Potholes – by the numbers
- Street PCI
- Long Term plans
- In-house projects
- Challenges related to Pothole repair
- Mission

Strategic Goal Connections

Goal 6. Strengthen and Sustain our Infrastructure

- **6.4** Standardize infrastructure processes across the city: Ensure consistency, timeliness, and accountability in infrastructure development
- **6.7** Develop and Implement Comprehensive Road Planning and Maintenance Initiatives: Ensure safe and maintained roads for existing and new developing areas and main thoroughfares

City of Midland: Street Network



667 Miles of Paved
Roads

Wall & F Street



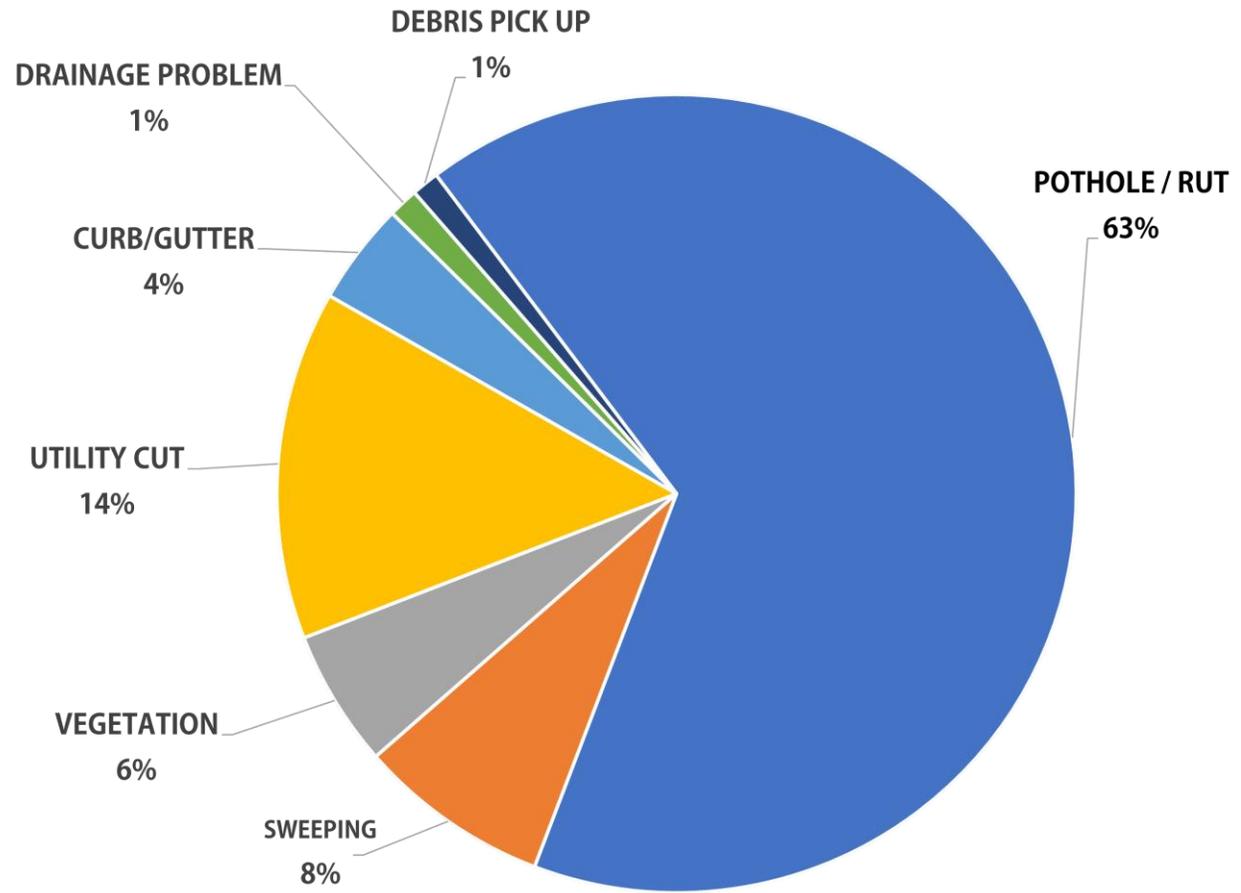
PCI Midland Streets:

- 2014 – 71%
- 2017 – 65%
- 2020 – 66%
- 2023 – 69%

Potholes – by the Numbers:

Year	Number of potholes filled
2017	17,048
2018	12,944
2019	12,226
2020	13,389
2021	16,273
2022	13,146
2023	13,790

Service request:
by type



TOP 7 REQUEST TYPES IN 2023

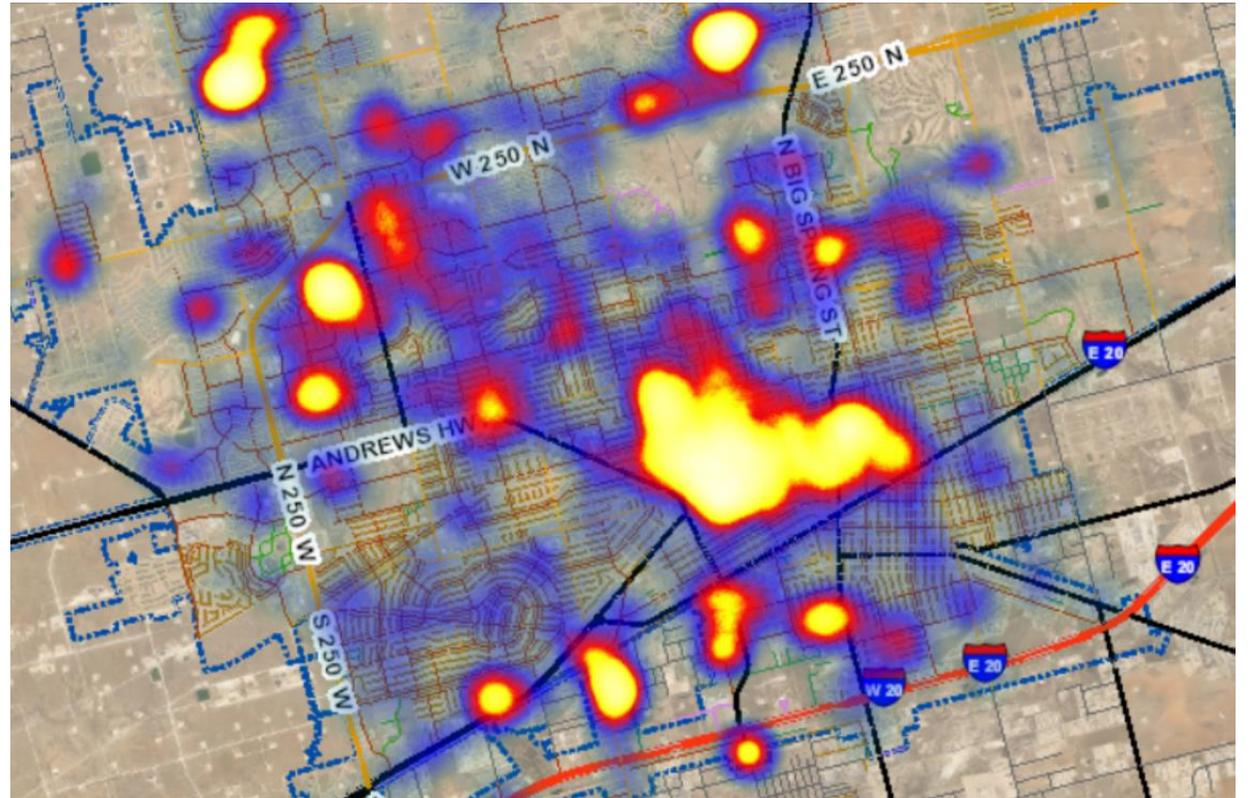


Pothole requests:

The average number of Service requests entered for Pothole for pothole repair weekly: 20-25 requests

These requests come to our department in a variety of ways including:

- Calls to the Pothole Hotline: 432-685-7293
- Report a Pothole via our website: <https://www.midlandtexas.gov/forms>
- Contact from Council district members
- Info provided by City employees in the field.



Heat map showing service requests for pothole repair.

Request submission process

Enhancing community engagement and optimizing service delivery for pothole repairs through improved communication strategies.

- **Social Media Utilization:** Strategize methods to leverage social media platforms to effectively engage a wider audience on familiar and easy to use platforms.
- **Website Enhancement:** Develop a user-friendly interface for pothole repair submissions, incorporating interactive campaigns and polls to have the most up to date information.
 - **Goals:**
 - Simplify submission procedures.
 - Expedite response and resolution times.
 - Enhance user satisfaction and engagement.
 - Establishing benchmarks for monitoring progress and success, along with ongoing evaluation and refinement of strategies.

Pothole Repair Challenges:

- **Nuisance Water**
- **Weather**
- **Material Availability**
- **Condition of Existing Pavement**



Street Maintenance Toolbox:

- Crack Fill
- Microsurface
- Slurry Seal
- Mastic Seal
- GSB Frictional Seal
- HA5 High Density Mineral Bond
- Advanced Mineral Seal



Street Maintenance Toolbox:

- Hot-In-Place Recycling
- Mill and Inlay
- In-House Concrete Program
- COMPASS
- Bond Program



In-house Concrete paving:

Louisiana Avenue

- **Contractor's Price:**
 - \$910,722.45
- **Total Actual Cost for Work Done In-House:**
 - \$338,629.41



PROJECT	IN-HOUSE COSTS	CONTRACTOR PRICE	DIFFERENCE
Homestead Blvd.	\$59,267.50	\$105,000.00	-\$45,732.50
Camarie Alley	\$36,310.19	\$63,999.60	-\$27,689.41
Cuthbert & Marienfeld	\$64,168.50	\$148,168.50	-\$84,000.00
Mogford Street	\$104,869.34	\$218,236.42	-\$113,367.08
Spence Drive	\$296,600.85	\$546,250.00	-\$249,649.15
Deauville Boulevard	\$304,417.53	\$891,213.96	-\$586,796.43
Tradewinds Boulevard	\$529,722.73	\$968,498.72	-\$438,775.99
Rainbow Court Alley	\$56,526.40	\$129,720.00	-\$73,193.60
Almey Court Alley	\$121,226.40	\$193,375.00	-\$72,148.60
Louisiana Avenue	\$338,629.41	\$910,722.45	-\$572,093.04
Garfield Street	\$65,614.02	\$167,960.00	-\$102,345.98
Total Savings			\$2,365,791.78

Long Term Plans: What have we done?

Spence & Rio Grande: Before & After





MISSION

Deliver exceptional services and promote a high quality of life and place for **ALL** our citizens.