

# Grand Rapids Public Utilities

November 27, 2024 Commission Meeting

Department Head Presentation

Mike LeClaire – Information Systems Department Manager



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# Locating

- ❑ June of 2024 Purchase of new locator
- ❑ Legislative Changes ([MN Stat. 216D](#)) on locate timing, reporting, and future geospatial data collection requirements
- ❑ Walk back functionality saves from having to hook up locator to each utility individually on Project tickets

<	>	☰ 1 of 2
<b>Log Point 14</b> <span>☐</span> <span>×</span>		
🕒 Feature info	💬 Edit comment	📍 Split survey from this point
Creation Date:	2024-08-06 11:30 (GMT-0500)	
Frequency:	32,768 Hz	
Locate Current Direction:	UNKNOWN	
Locate Current:	0.00 A	
Depth:	49 in	
Latitude:	47°12'13.0913"N	
Longitude:	93°31'3.7257"W	
2DRMS:	5 in	
GPS Fix:	RTK	

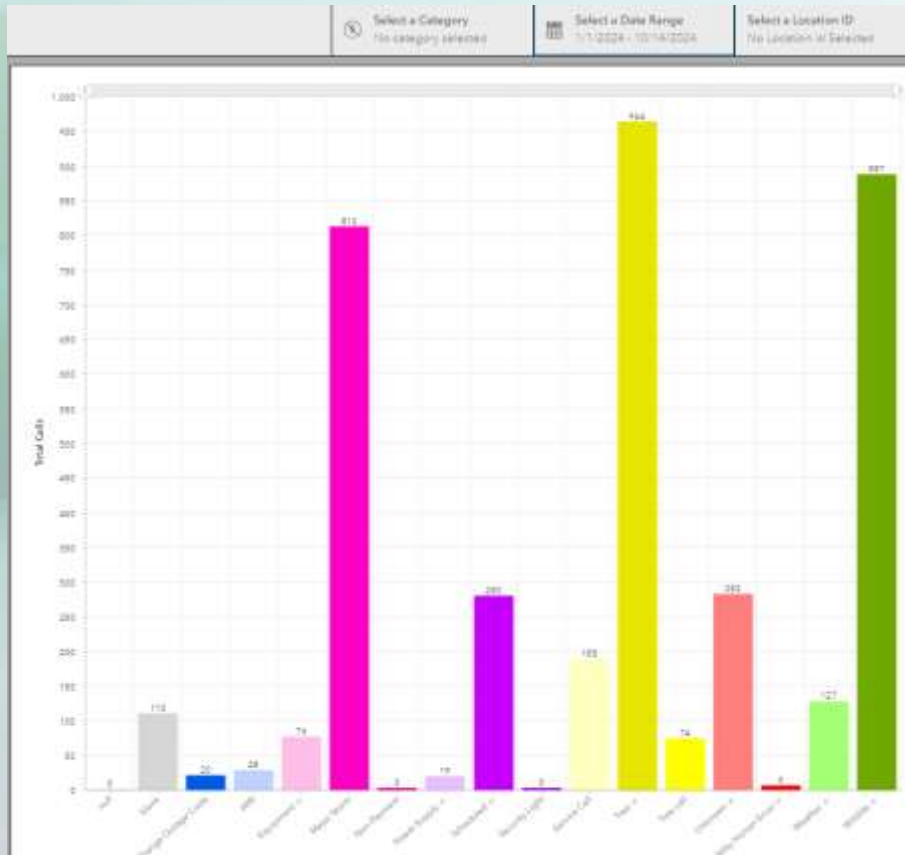




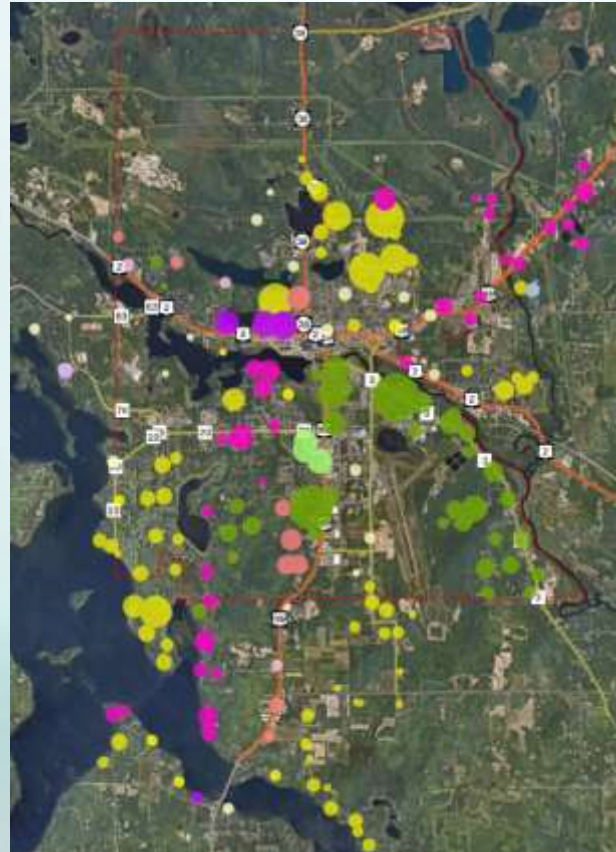
# Tree Trimming Application

- ❑ Electric Department project requesting data analysis for location and types of outages
- ❑ Further breakdown of where outages were caused by trees//animals to track and focus on tree trimming
- ❑ Integrated our outage management data from mPower with our GIS system

Graph to select date range of outages by type



Heat map of outages from graph



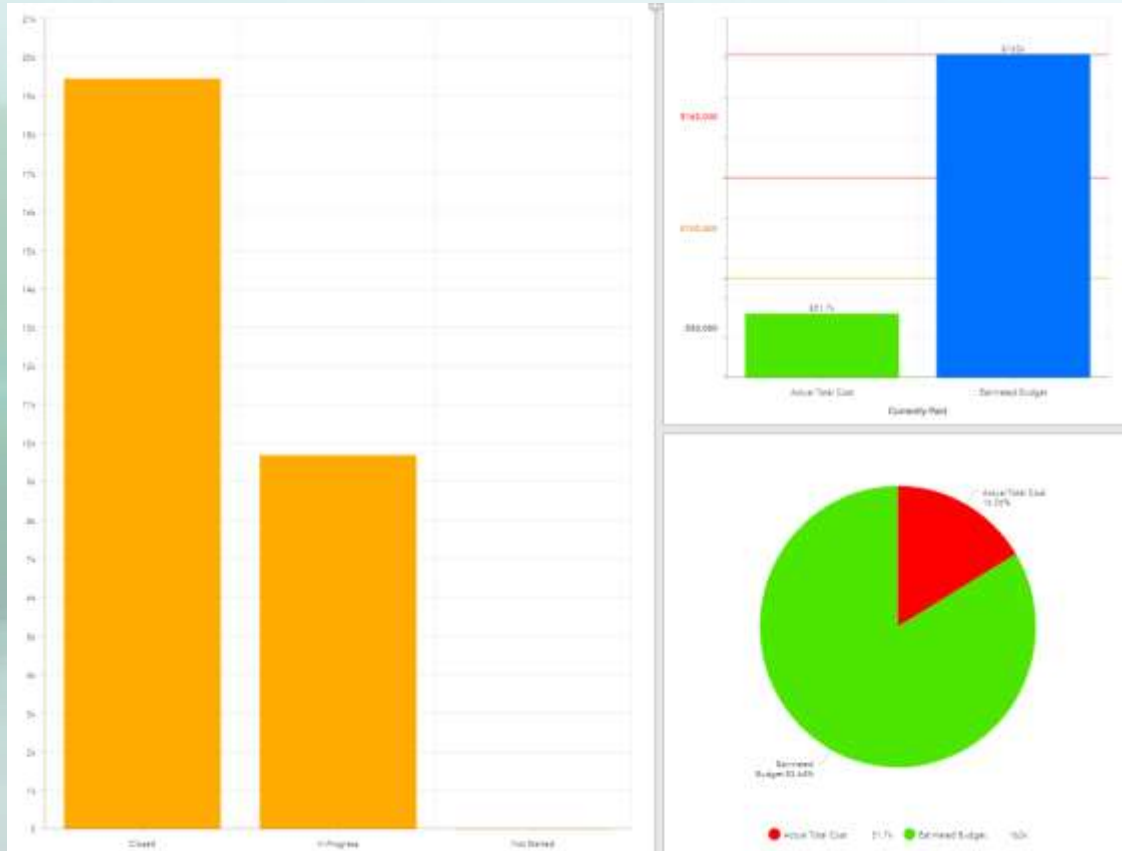
Outages caused by Trees



# Tree Trimming Application

- ❑ July – we started creation of polygons of areas where to focus on tree trimming efforts
- ❑ Creation of work orders in Cityworks to track tree trimming actual vs estimated costs

Graphs for actual vs estimated costs



Map of tree outages in an area



Map of tree trimming area of focus for work orders



# Information Technology

- ❑ Working with General Manager on City IT services offboarding – anticipated to be complete June 2025
  
- ❑ September - KTI Technology – consultant specializing in technology planning for utilities  
Our plan is a hybrid model combining external IT industry experts with an internal staff member to handle onsite issues, enabling us to effectively manage our IT investment and meet both current and future business needs.
  
- ❑ October – Lovett Tech - Fiber Improvements Project – advance critical project to upgrade internet, WIFI and networking
  
- ❑ November/December – Emergent Software – Device Management and Server Administration Projects – execute previously planned improvement projects to our security and redundancy
  
- ❑ December – InGensa – Building Security Project – finish the upgrade of our 20+ year old system to meet today's current business needs



# Questions / Comments

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