
PUBLIC WORKS

February 2021

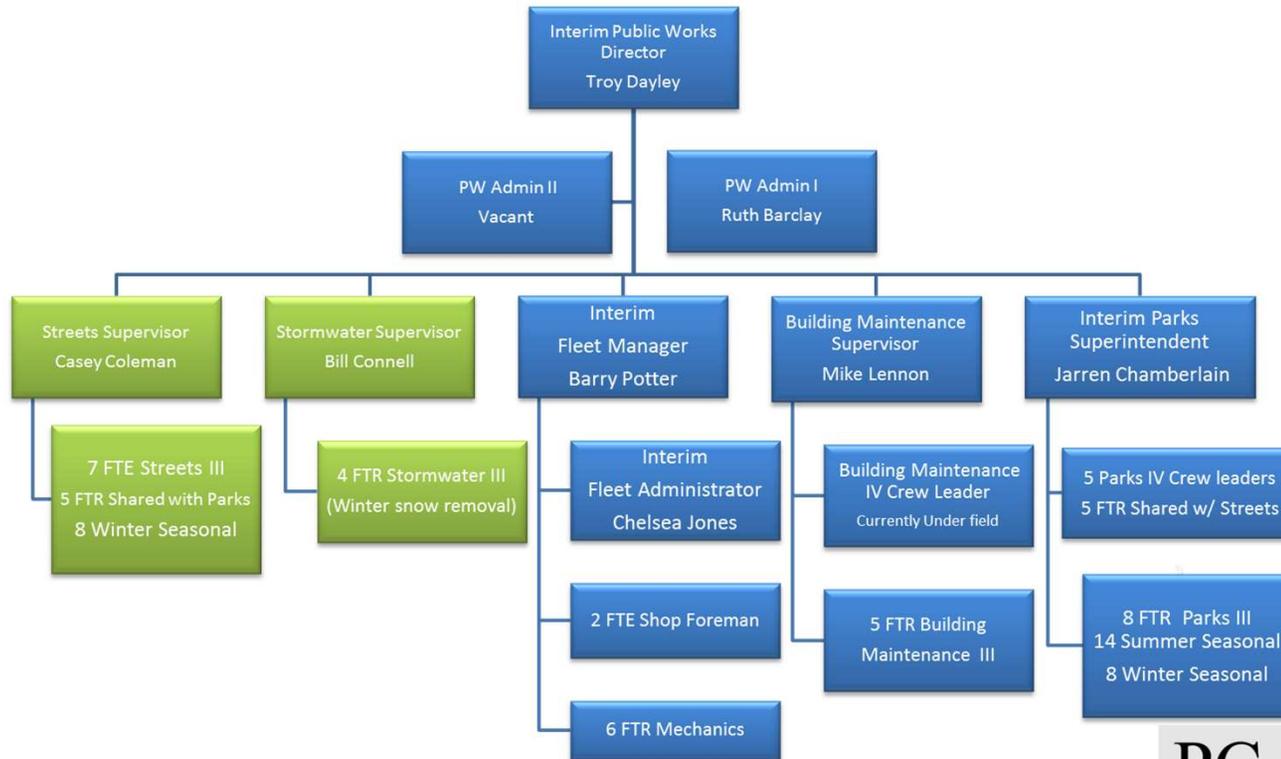


A blue-tinted photograph of a snowplow in front of a building. The word "Operations" is overlaid in white text, flanked by two horizontal white lines. The snowplow is a large, heavy-duty vehicle with a large blade. The building has several large doors and windows. The sky is overcast.

Operations



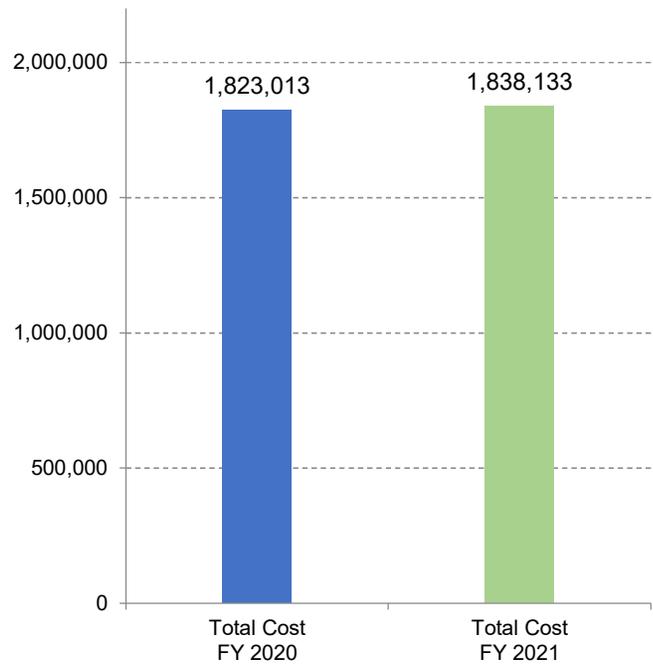
Staff



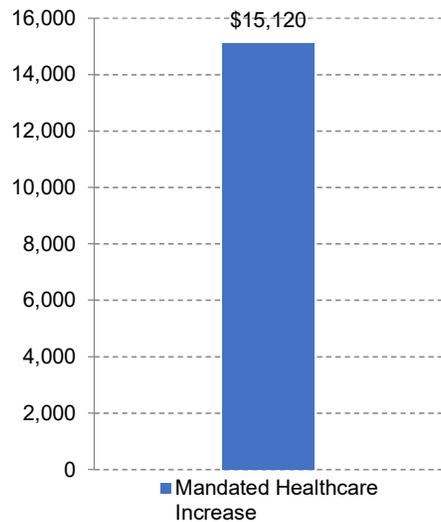
PERSONNEL

Streets Department

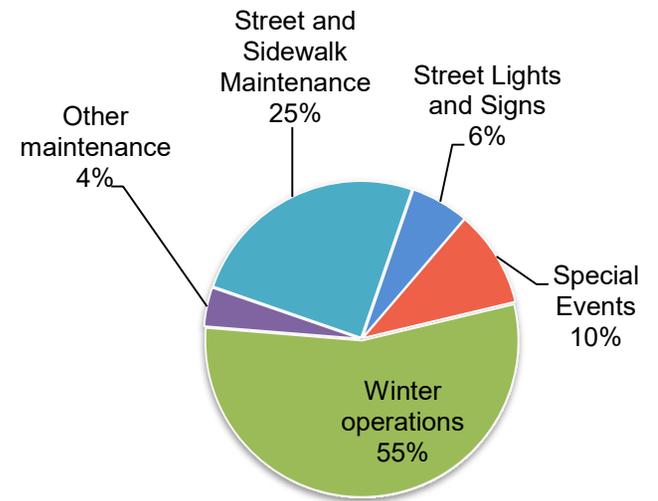
YoY Total Personnel Costs



YoY Change in Key Incremental Cost Drivers- FY20 vs. FY21



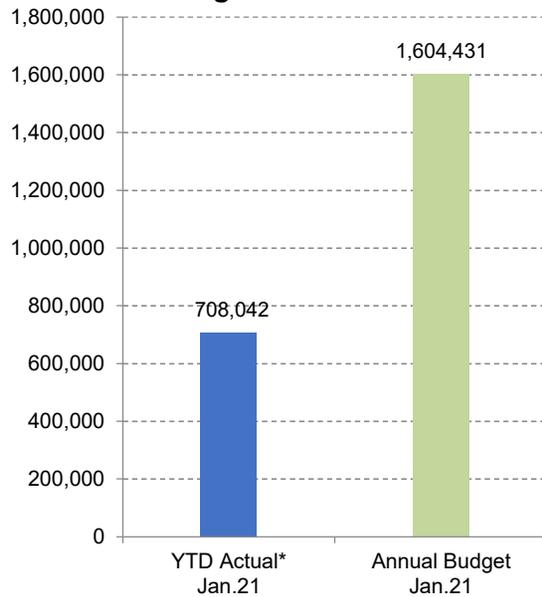
% Personnel Decomposition



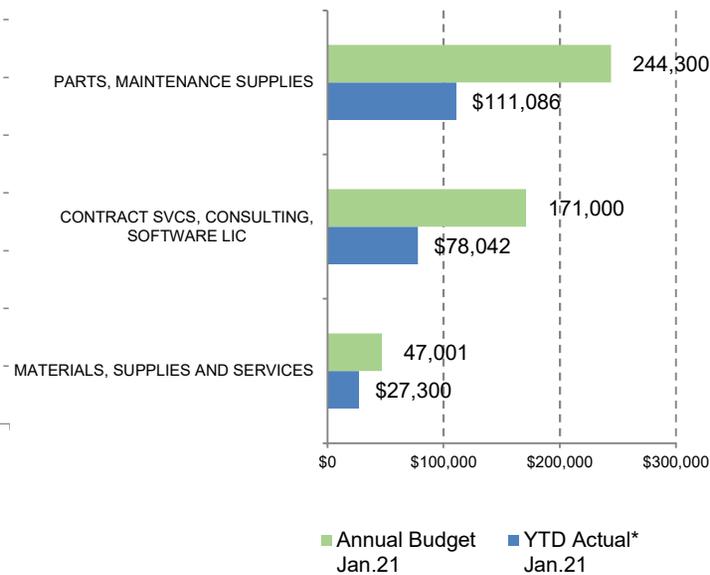
Expenses

Street Maintenance

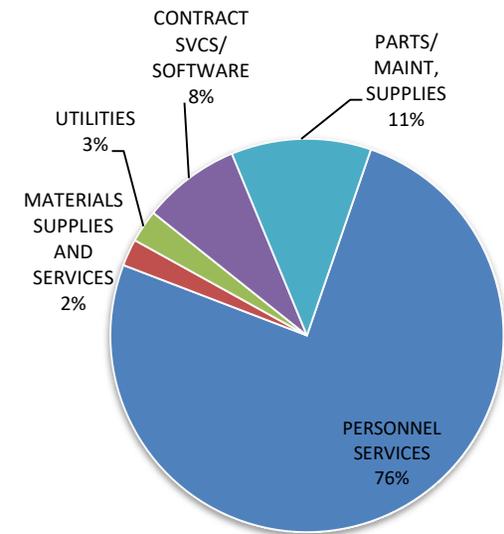
YTD Expenses vs. FY21 Budget



Additional YTD Expenses vs. FY21 Budget by Type



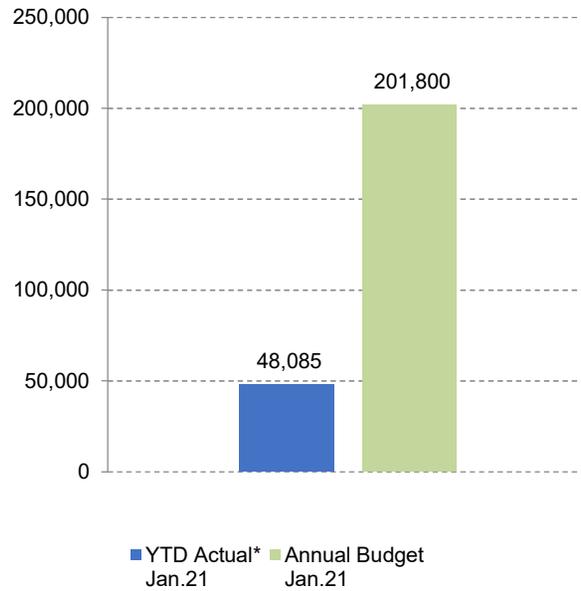
Budget Summary Decomposition by Expense Type- FY 21



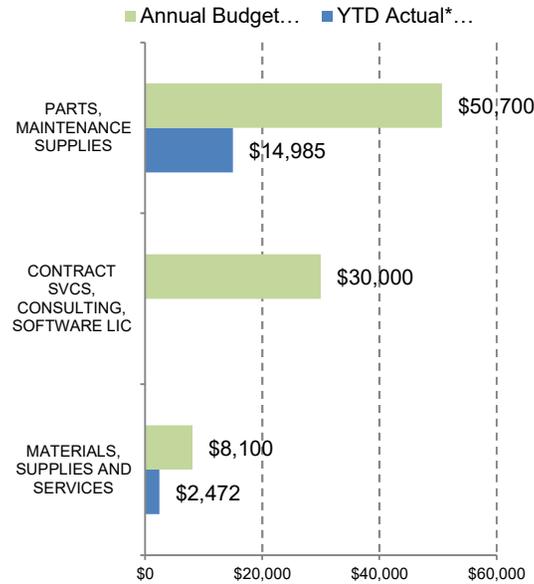
Expenses

Streetlights and Signs

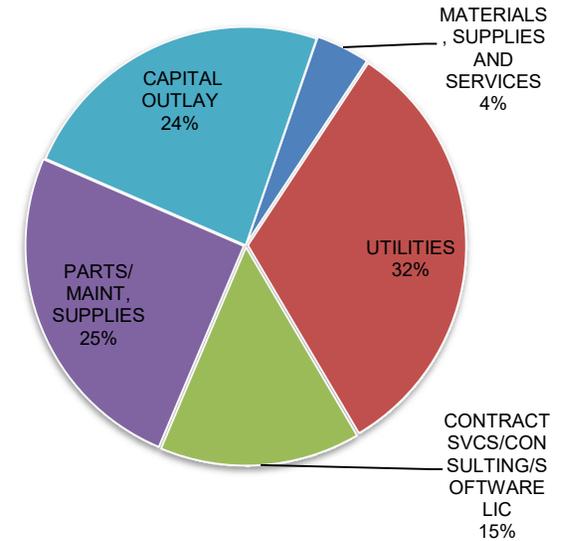
YTD Expenses vs. FY21 Budget



Additional YTD Expenses vs. FY21 Budget by Type



Budget Summary Decomposition by Expense Type- FY21

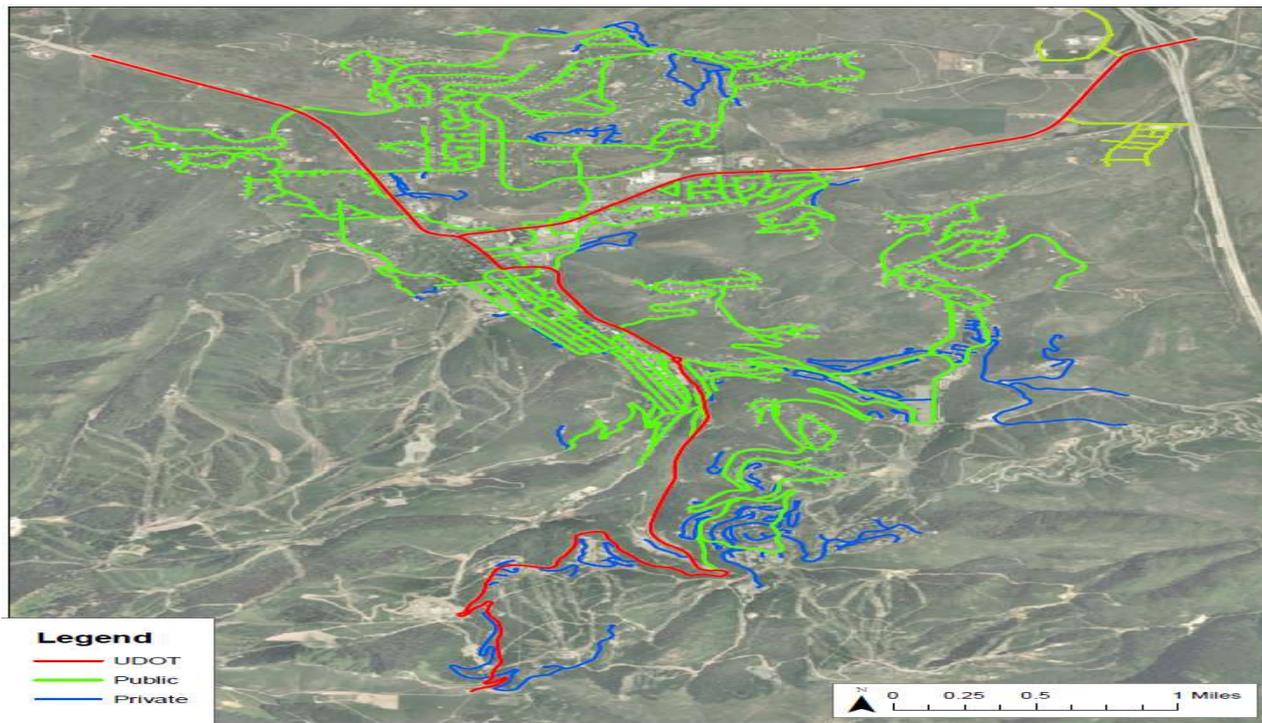




Performance Measures



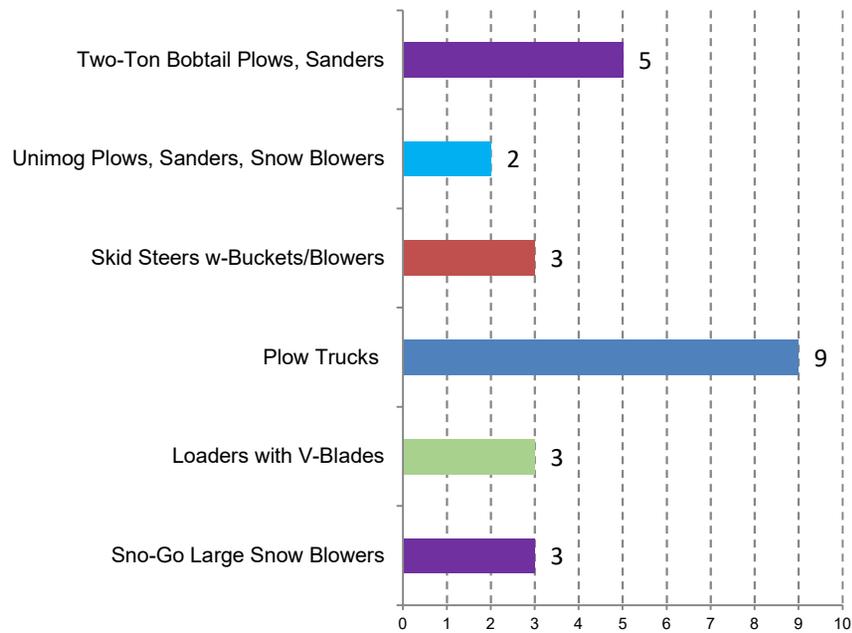
Park City Streets



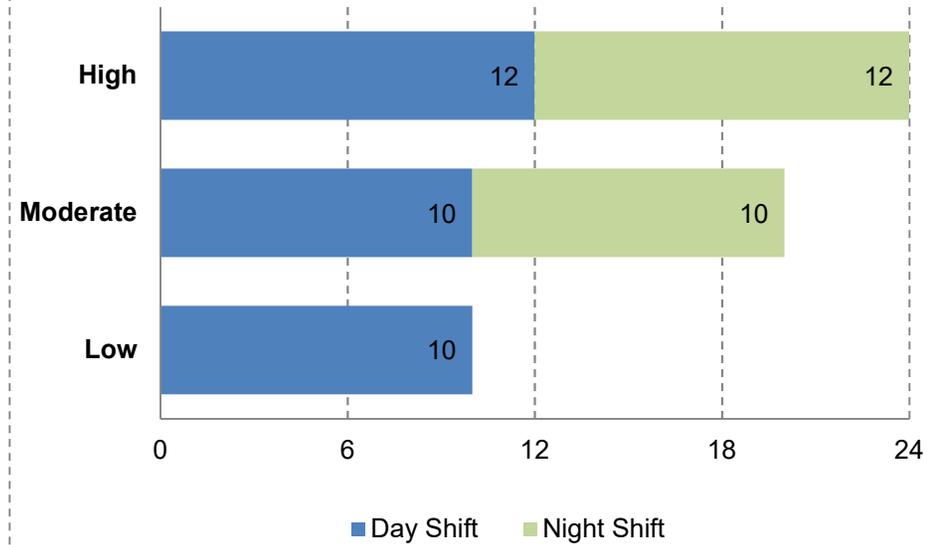
- **12** Square Miles within the City Limits
- **130** Lane Miles of Road
- **98** Cul-de-sacs
- **30** Parking Lots
- **45** miles of curb and gutter
- **23** miles of concrete sidewalks
- **17** miles of asphalt bike paths

Winter Operations

Plowing Equipment Inventory

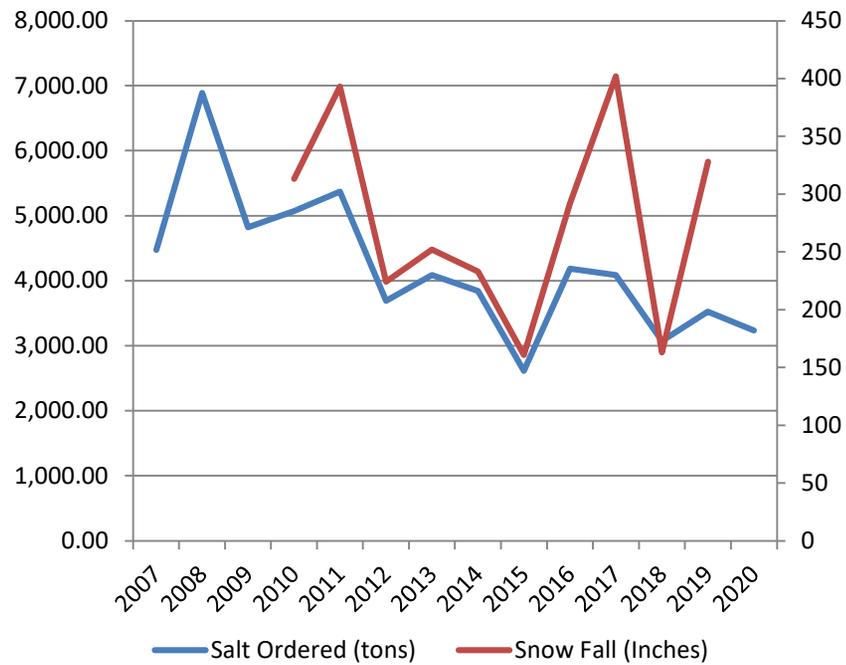


Dynamic Personnel Scheduling

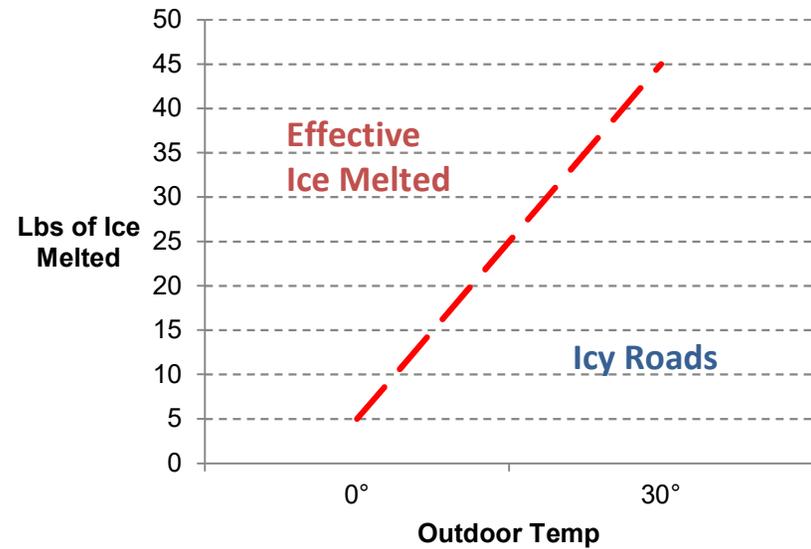


Salt Stats

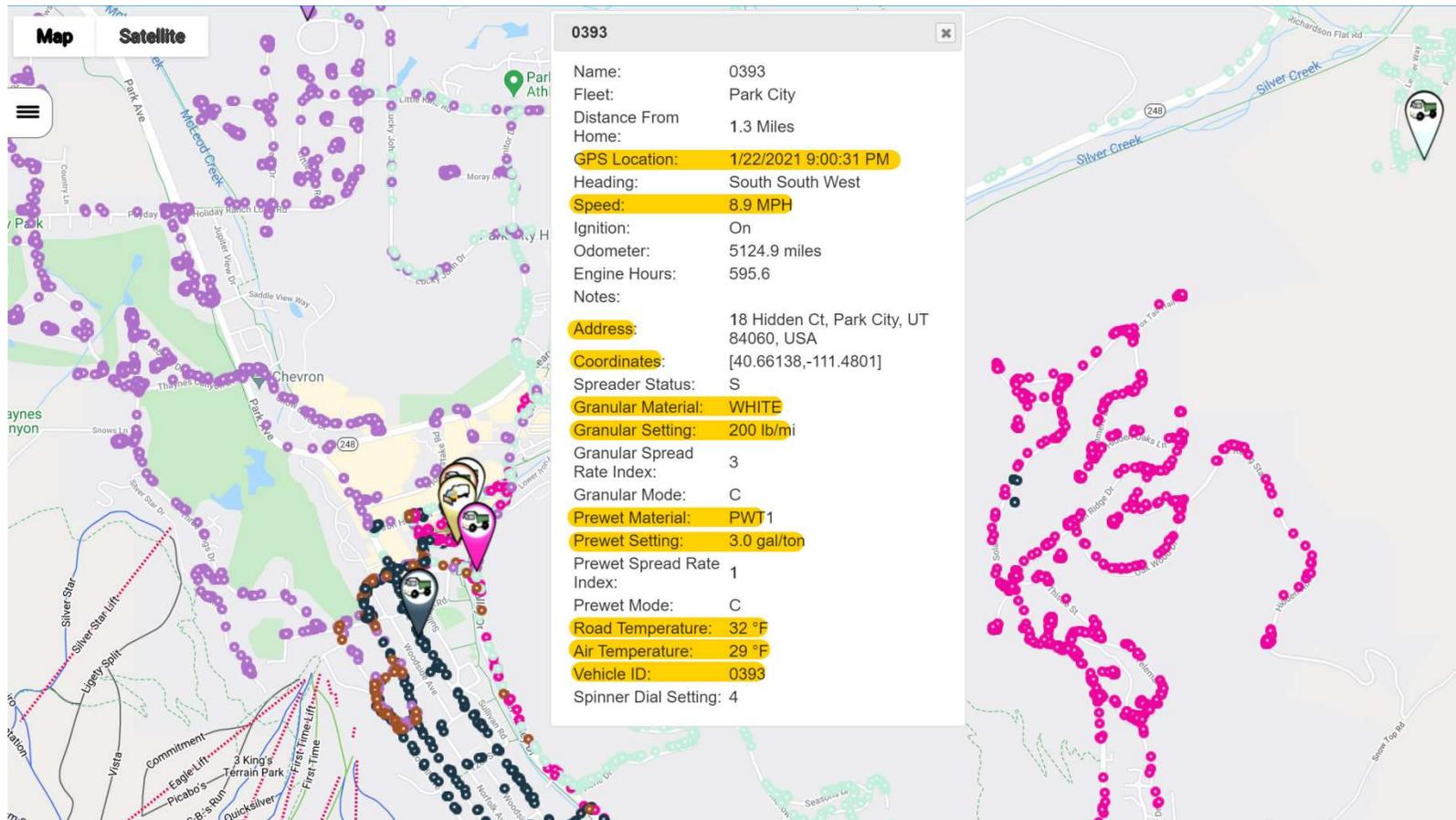
Snow Fall vs. Salt Orders (tons)



Salt Efficiency (1 lb)

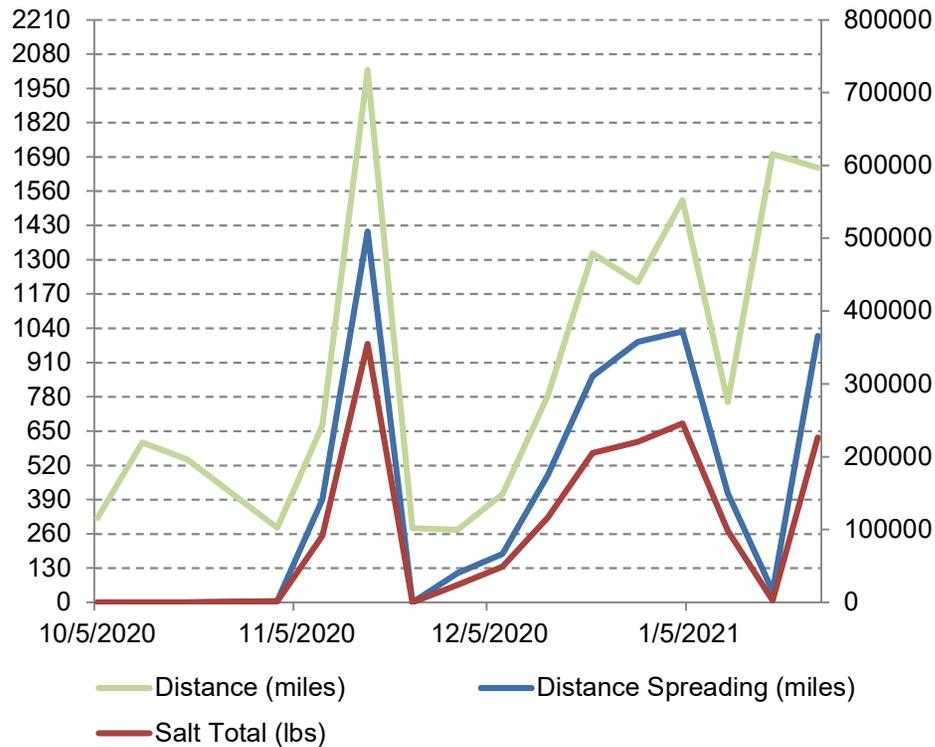


Plowing Technology

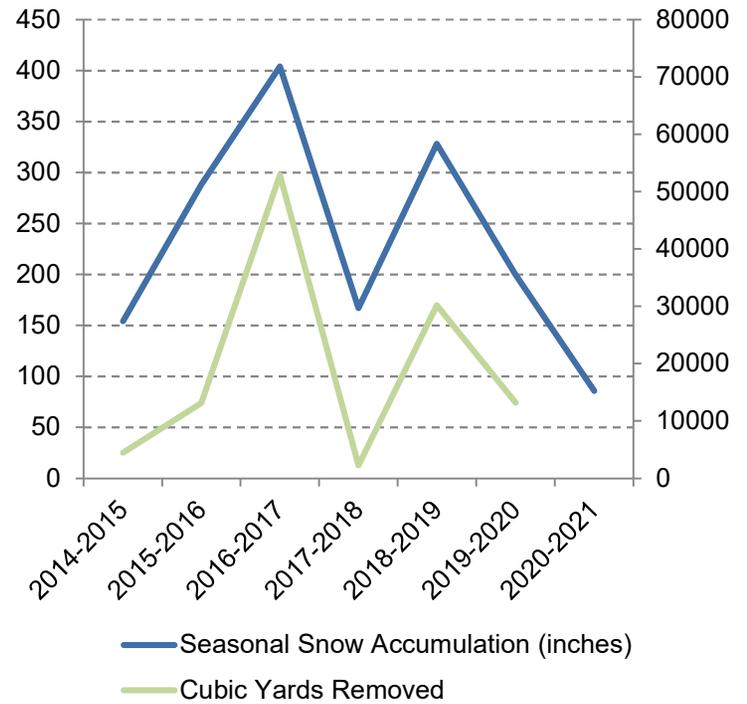


Snow Plowing and Hauling

Distance and Salt



Snow Accumulation vs. Snow Hauling



Pavement Management

Street Inspection Program Spring 2020

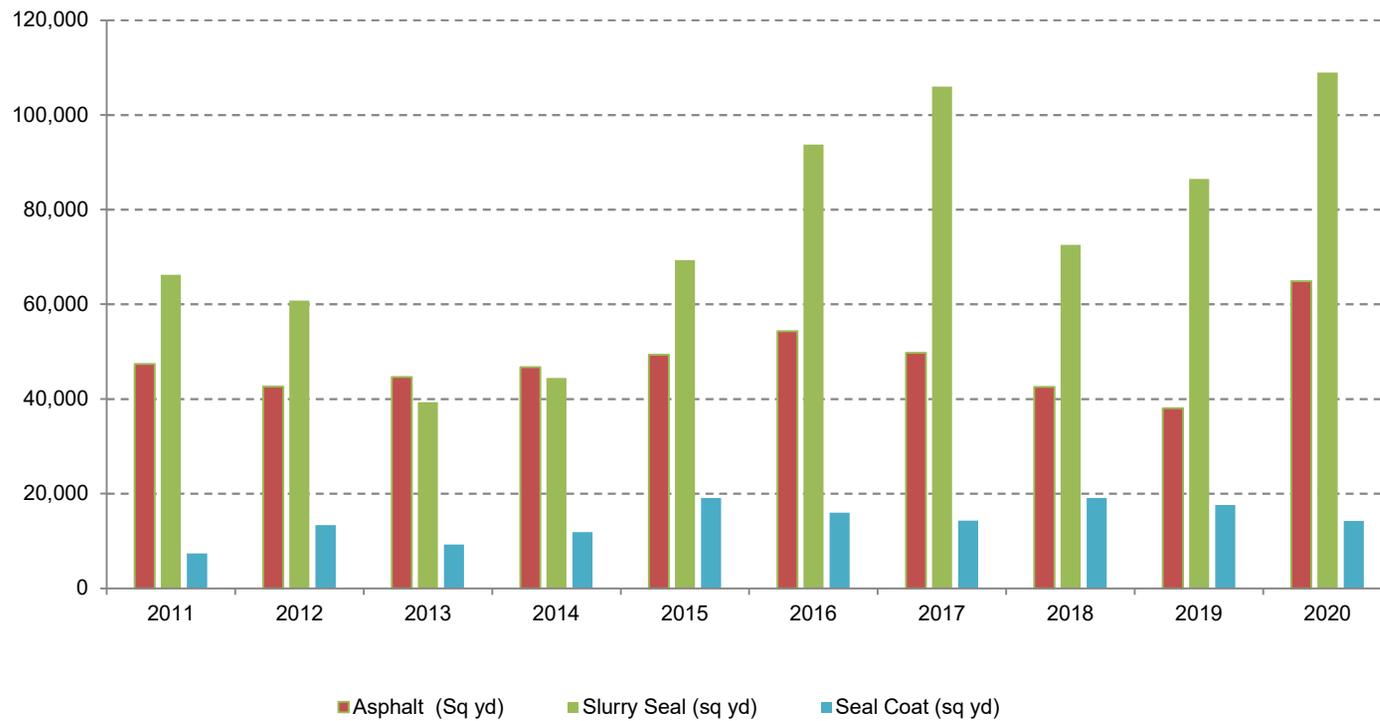
Rating 1-5: (1 is poor 5 being good) completed by: Casey Coleman

No action, Crack seal, Slurry, Overlay, Patching, pothole Repair, Mill & Fill etc.

Subdivision	Street Name	Rating	Recommendation
Aerie Subdivision	Aerie Drive	3	Slurry Seal / Survey monument repair
	Golden Way	4	Slurry Seal/ Survey Monument/ patch
	Aerie Circle	3	Slurry/ Patching
	Eagle Way	5	Mill and pave completed 2019
	Mellow Mountain Rd	5	Mill and Pave or Type II completed in 2019
	Sunny Side Drive	5	No treatment recommended
	Seasons Drive	3	Water break patch sinking possible slurry
	April Mountain Drive	4	No treatment recommended
Wild Rose Court	4	No treatment recommended	

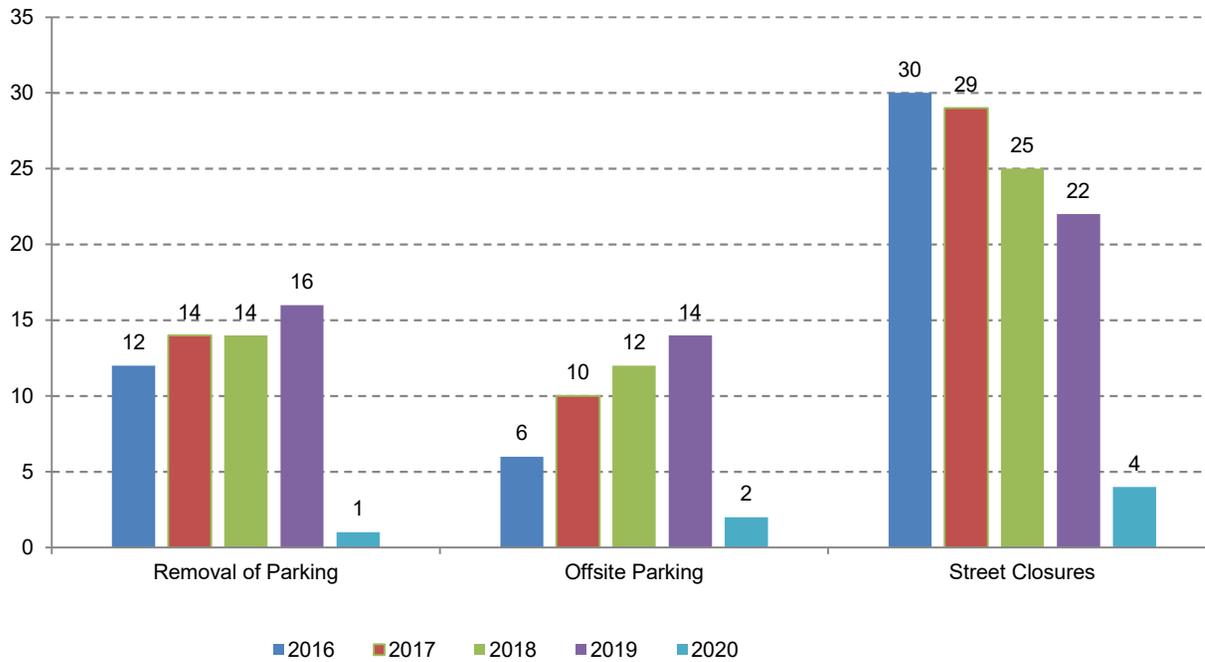
The screenshot displays a software interface for Pavement Management. On the left is a map showing a residential street grid. A pop-up window titled 'WorQ Data | Shapefile Data' is overlaid on the map, providing details for a specific location: 'Loc ID: 439', 'Road Name: **Golden ALLEY**', 'From Address: 5th ST', and 'To Address: Heber AVE'. Below the map is a data panel titled 'PAVEMENT' with options for 'HISTORY' and 'SAVE'. The panel includes a 'Pavement Condition' table with columns for 'Date', 'Rst', and 'Recommended Treatment'. A single entry shows a date of '01/22/2021', a rating of '20', and a recommendation of 'No Maintenance'. Below this is a 'Current Rating Information' section with a table for 'Rating', 'Rating Value', and 'Description'. The table shows a rating of '10:Excellent' with a 'NONE' description. Further down is a 'Treatment History' table with columns for 'Date', 'Treatment', 'Total Cost', and 'Estimated Cost'. Two entries are visible: one from '05/25/2018' for 'Micro-seal' with a total cost of '0.00' and an estimated cost of '7,935.39'; and another from '07/22/2020' for 'Rotomill /2' with a total cost of '0.00' and an estimated cost of '34,008.80'.

Pavement Program

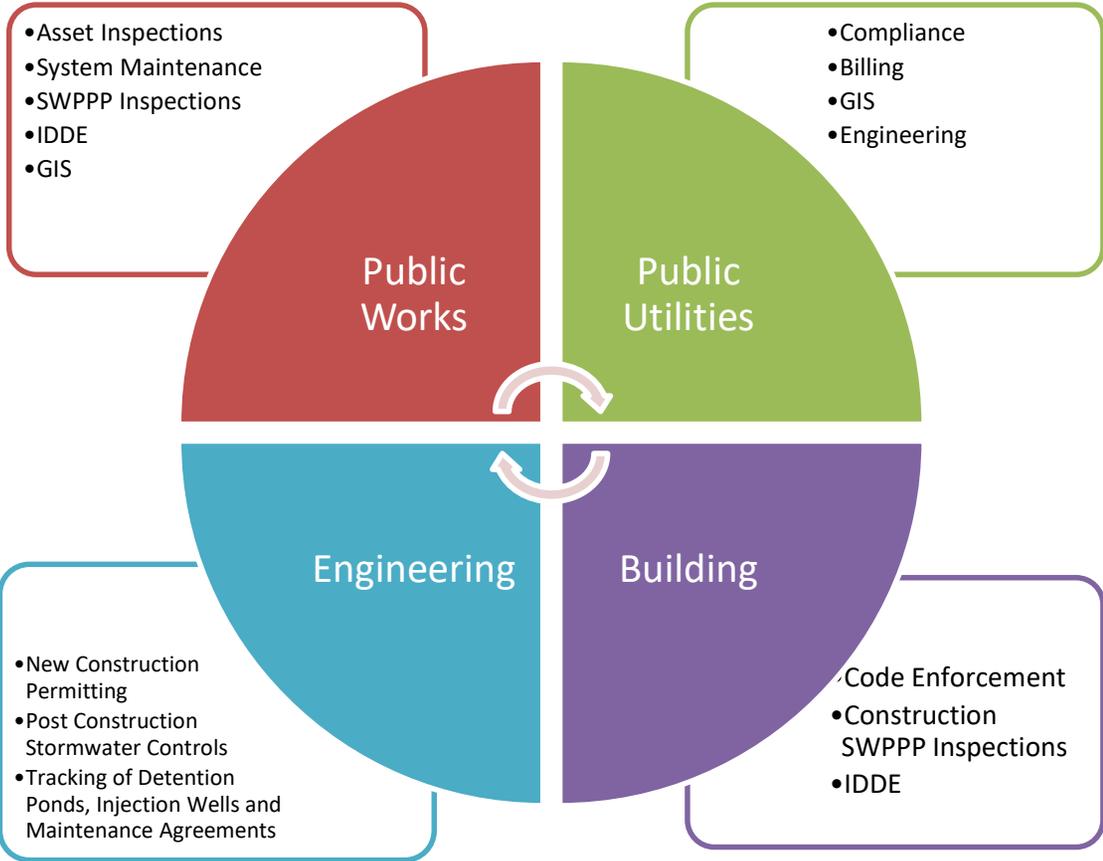


*Crack Seal is consistently applied at 30 tons per year

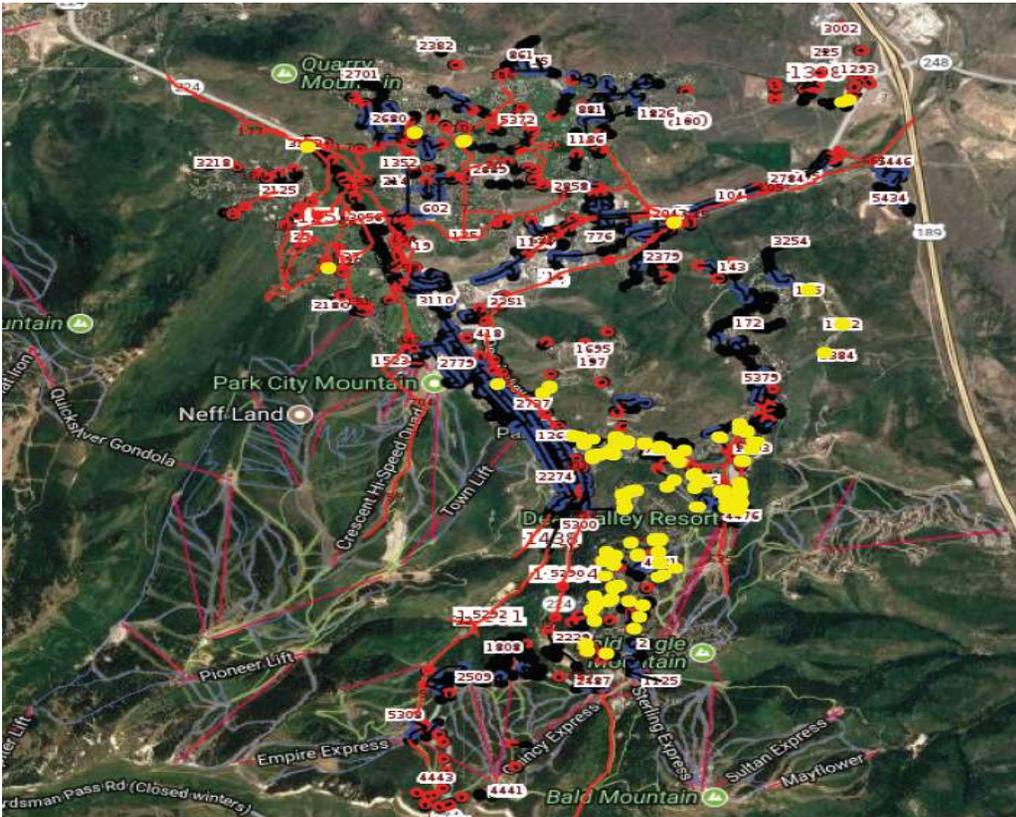
Event Support



Stormwater Teams



Stormwater Operations



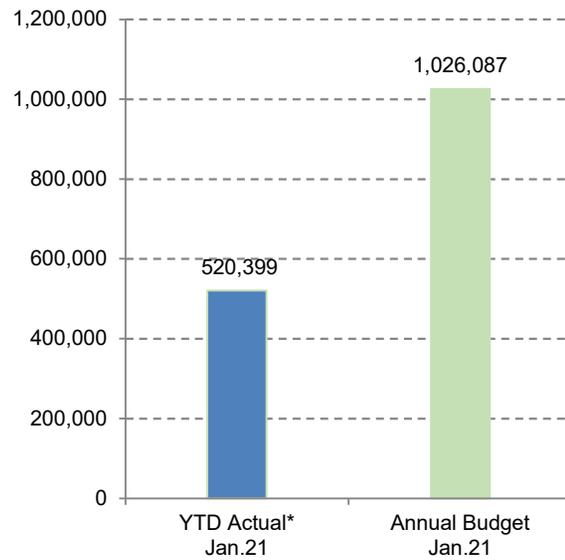
System Wide

- **41** miles stormwater pipe
- **57** miles channels or irrigation ditches
- **1896** Stormwater inlet boxes

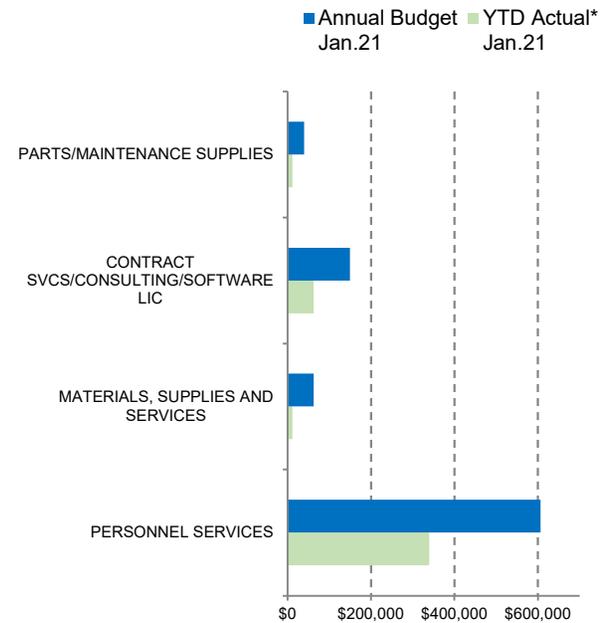
Expenses

Stormwater

YTD Expenses vs. FY21 Budget

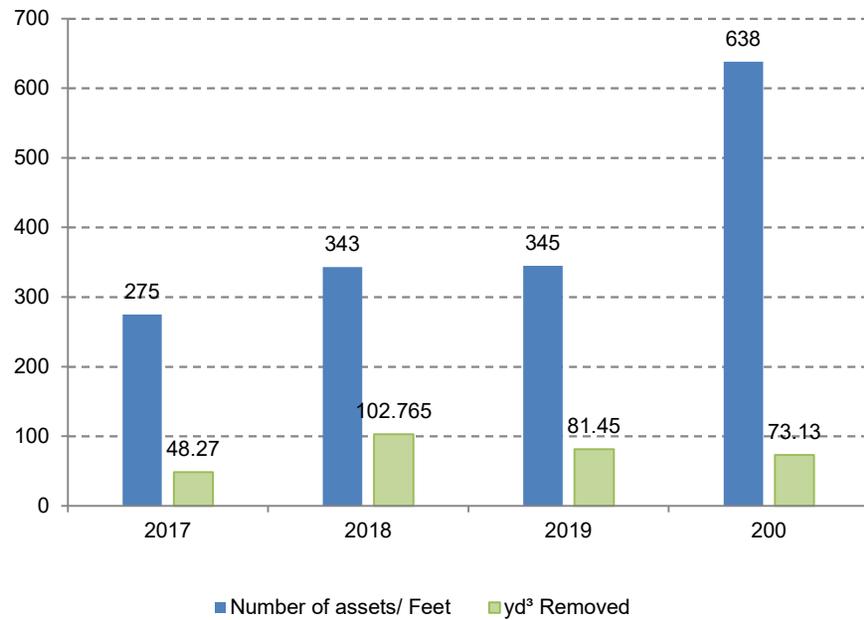


Decomposition YTD Expenses vs. FY21 Budget by Type

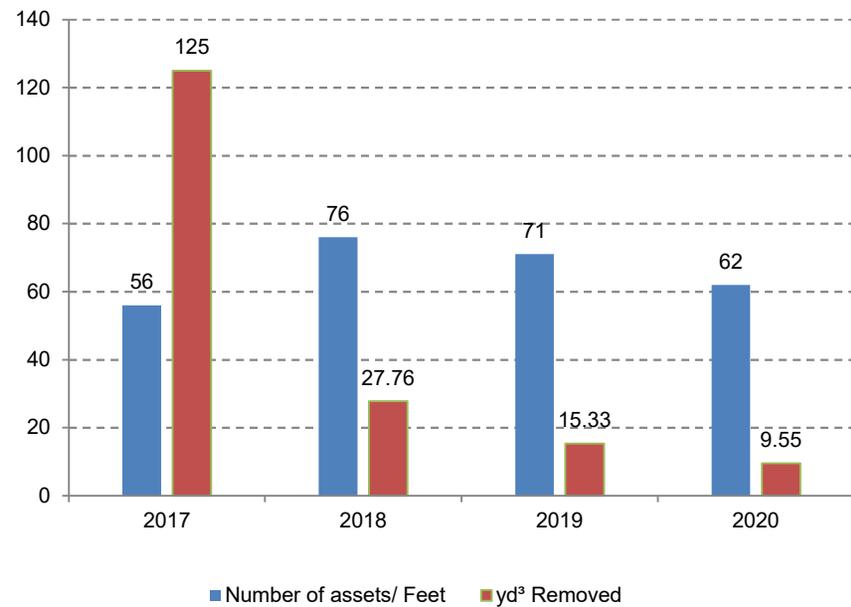


Stormwater

Stormwater Inlet- Total Inventory & Maintenance



Manhole- Total Inventory & Maintenance



Stormwater



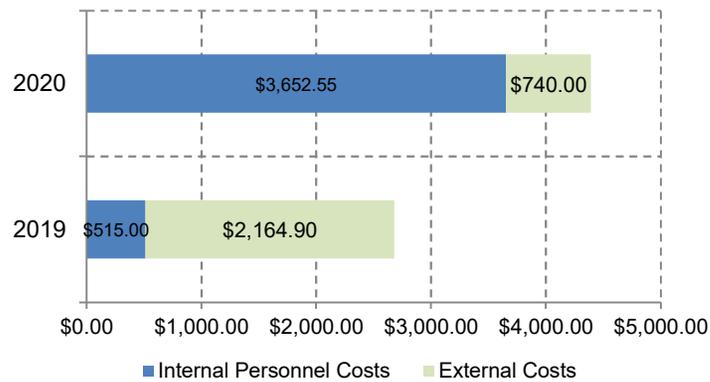
PCMC System

- **23** miles stormwater pipe
- **7** miles channels or irrigation ditches
- **1333** stormwater inlet boxes

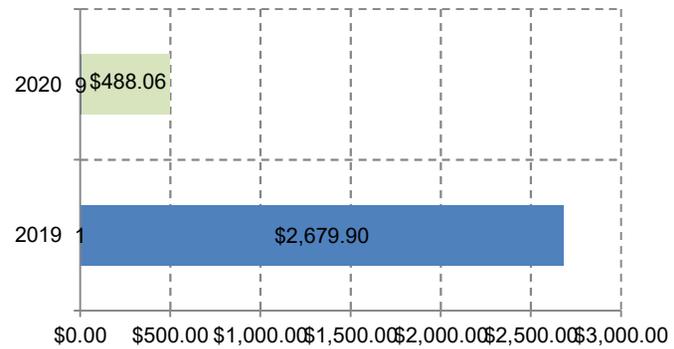
Beavers



Beaver Relocation Expenses

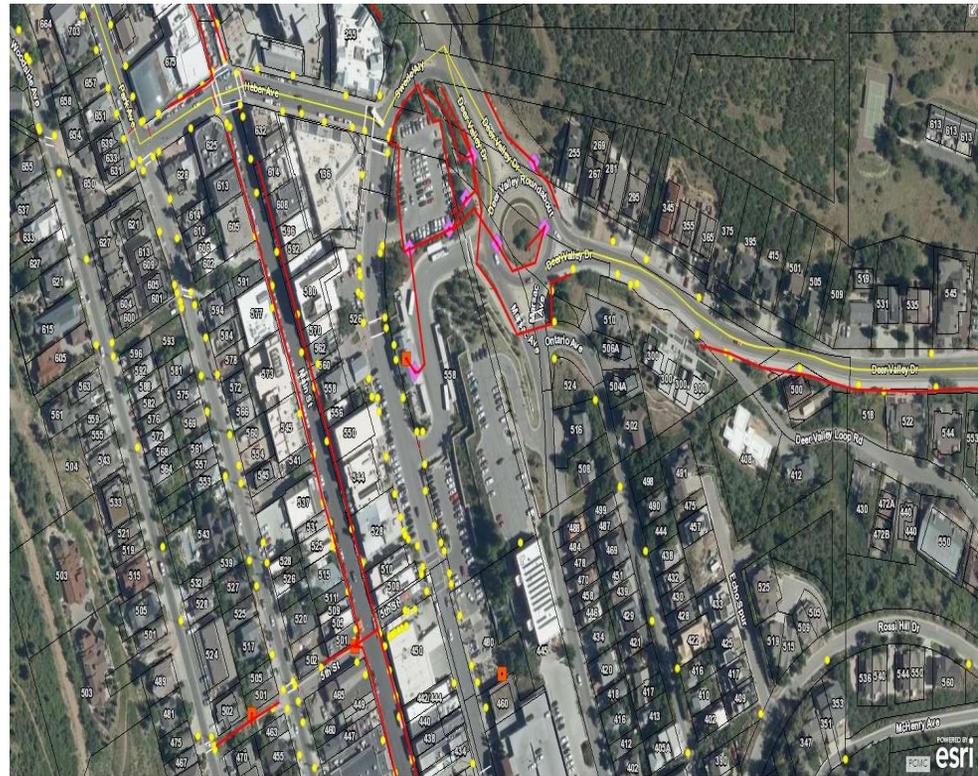


Average Cost per Relocation



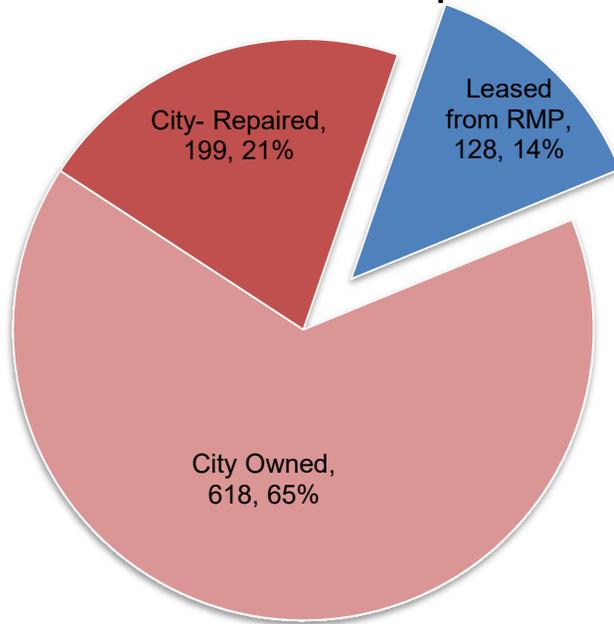
Streetlights & Signs

- **945** Street Lights
- **2,900** Street Signs
- **5** Variable Message Boards
- **20** Driver Feedback Signs

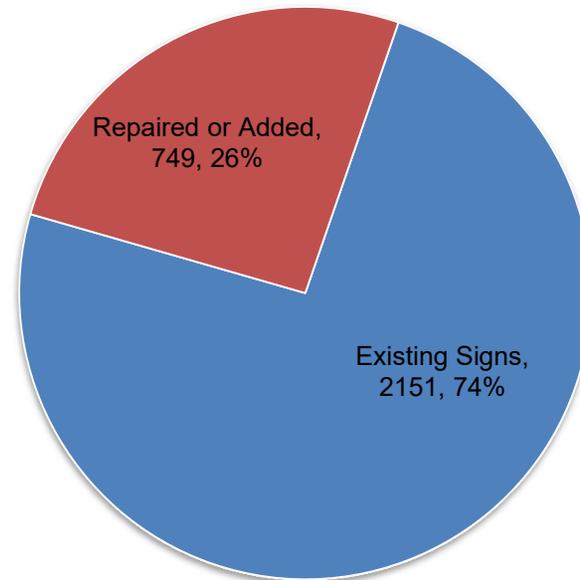


Streetlights & Signs

Streetlights- 2020 Maintenance and Shared Ownership



2020 Street Sign Maintenance



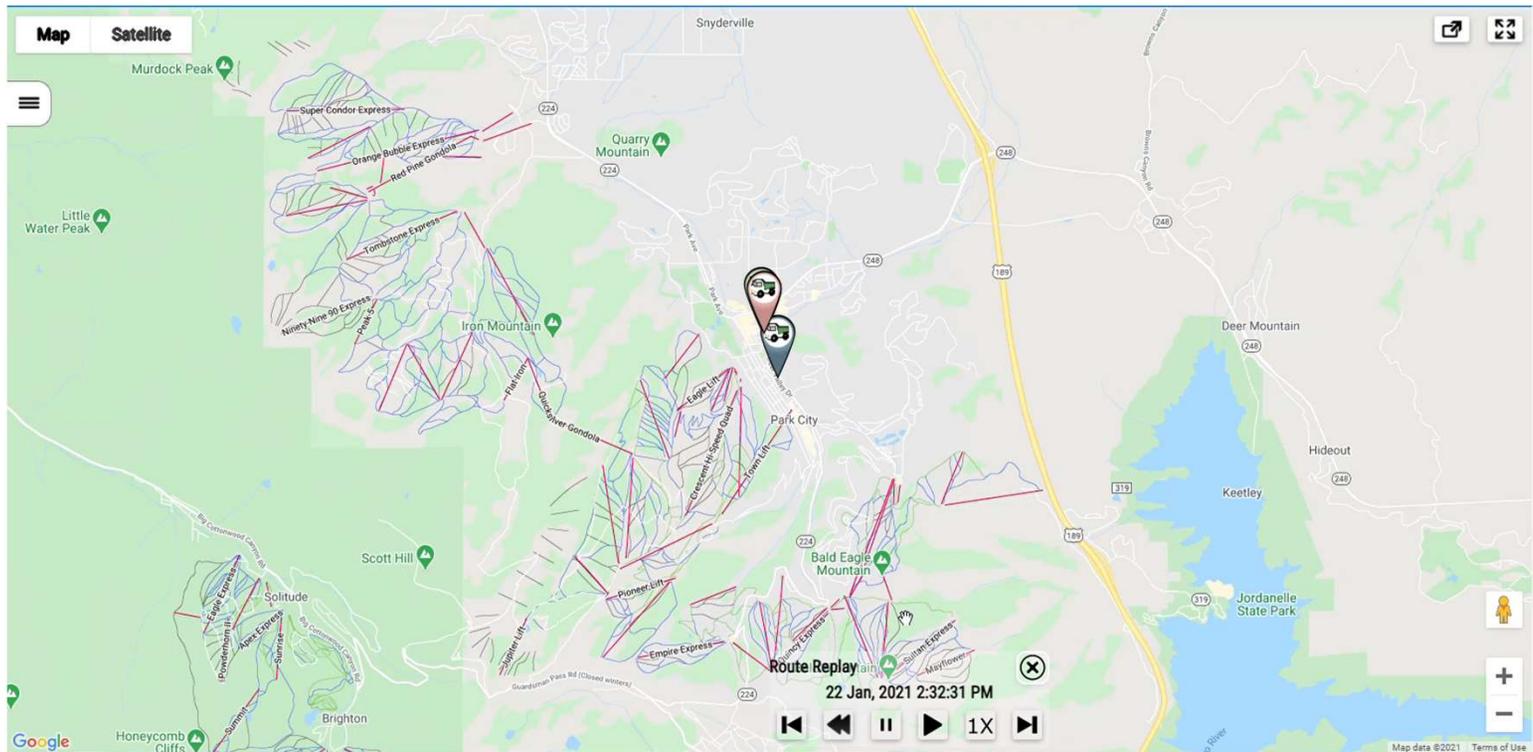


Innovation

PARK CITY

1884

Where's My Plow?



— INNOVATIVE PROJECTS —

