

# Operations Committee

## Winter Control Update

January | February | March  
2019

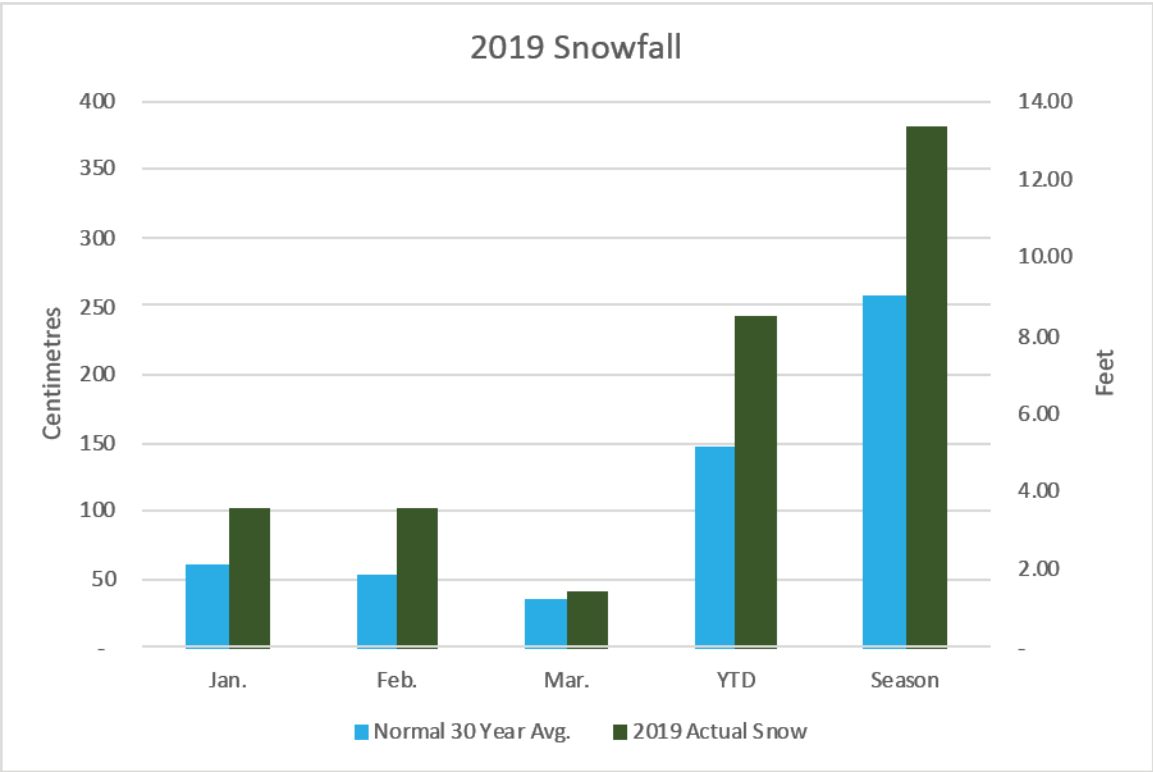
Presented by:

Randy Halverson

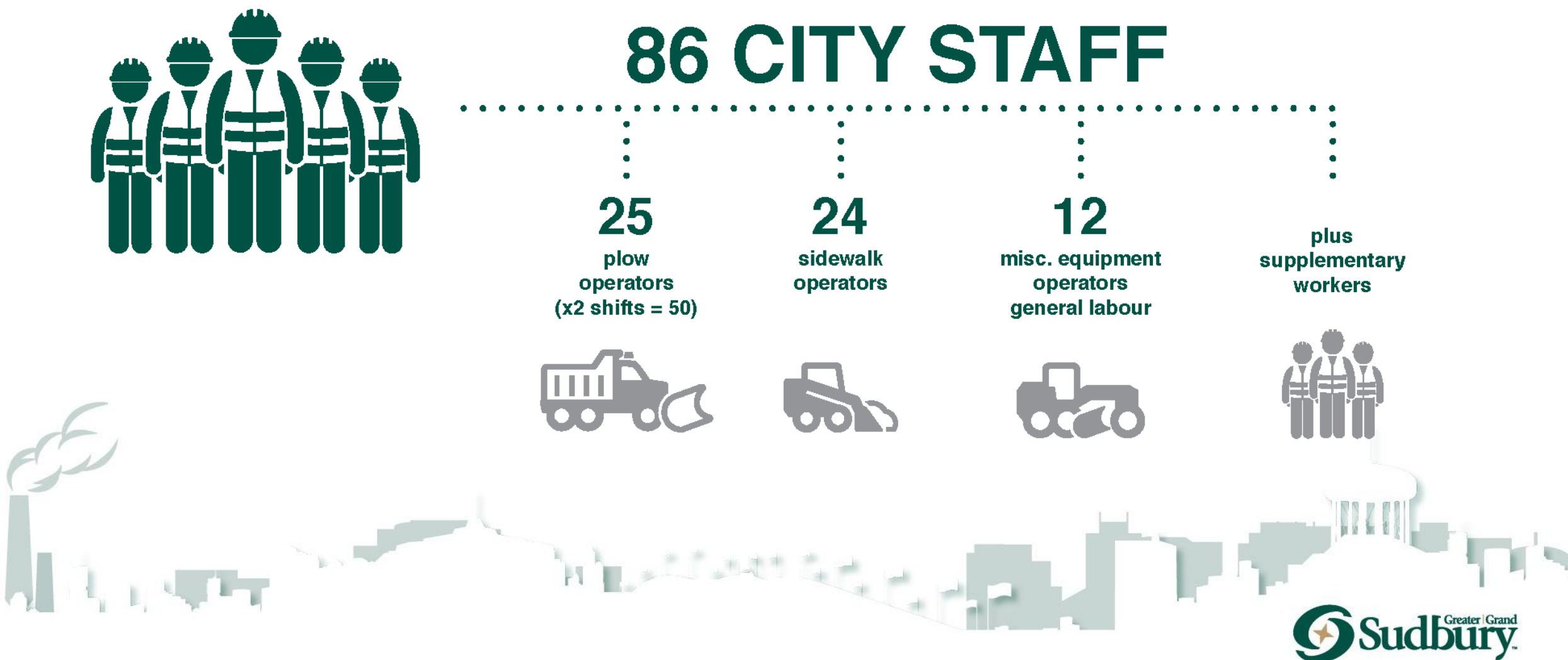
Linear Infrastructure Services, Director



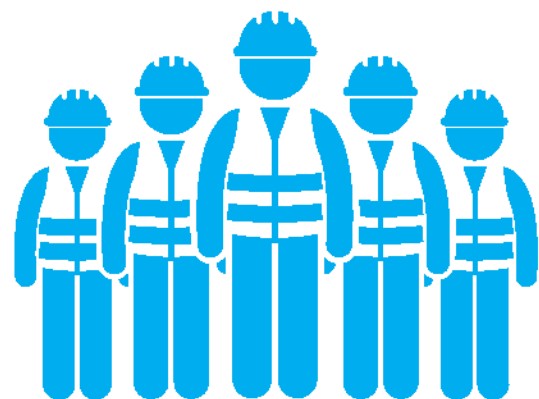
# Weather Overview



# Staffing Overview



# Staffing Overview



## 38 CONTRACTORS

**60%**  
of winter road plowing  
services are  
contracted out



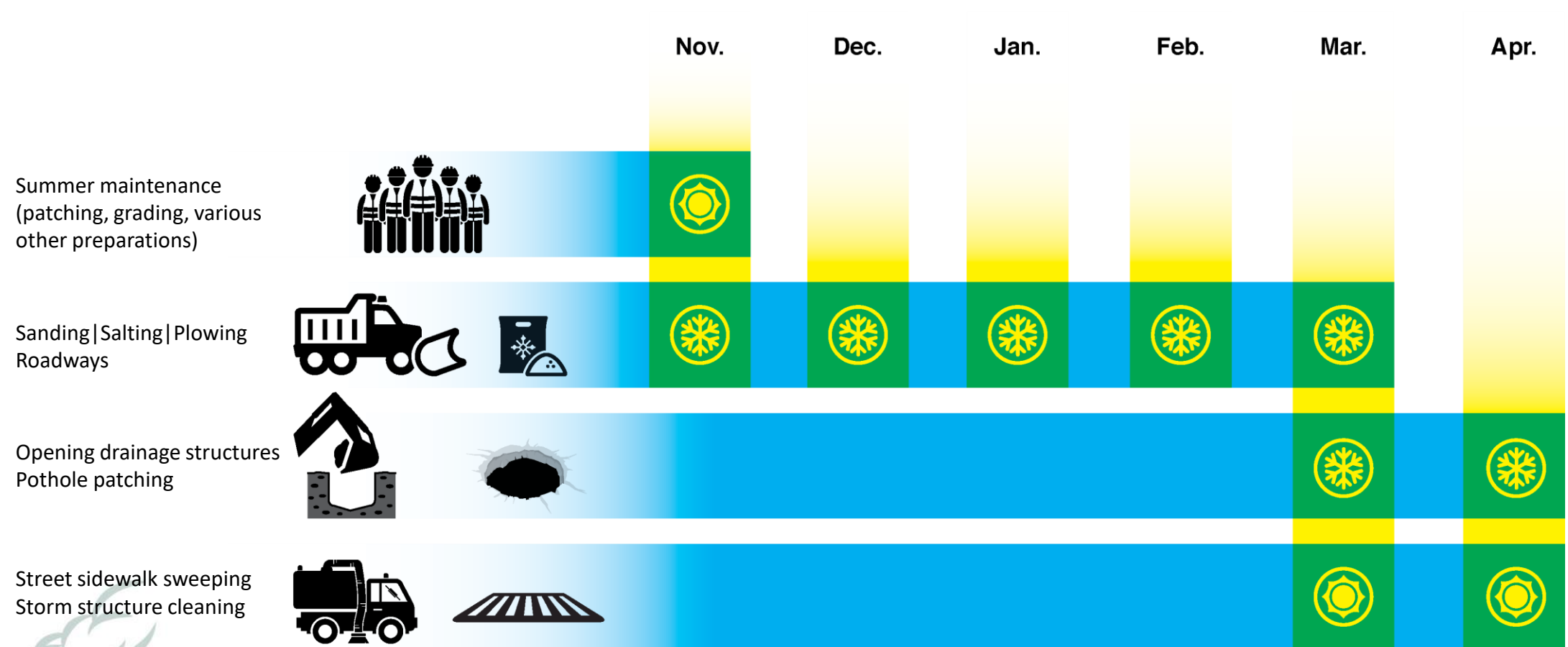
**10**  
loader/4x4  
operators



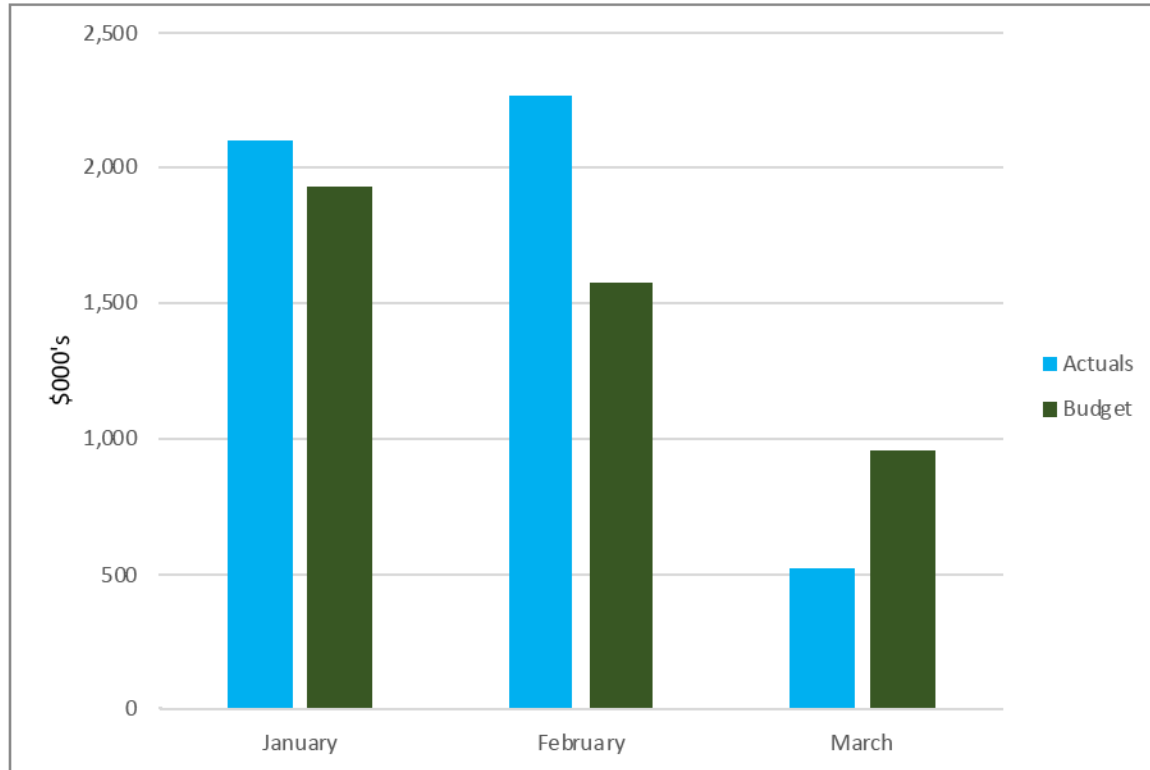
**28**  
plow/grader  
operators  
(x2 shifts = 56)



# Service Delivery Schedule



# Snow Plowing | Sanding | Salting



## Challenges

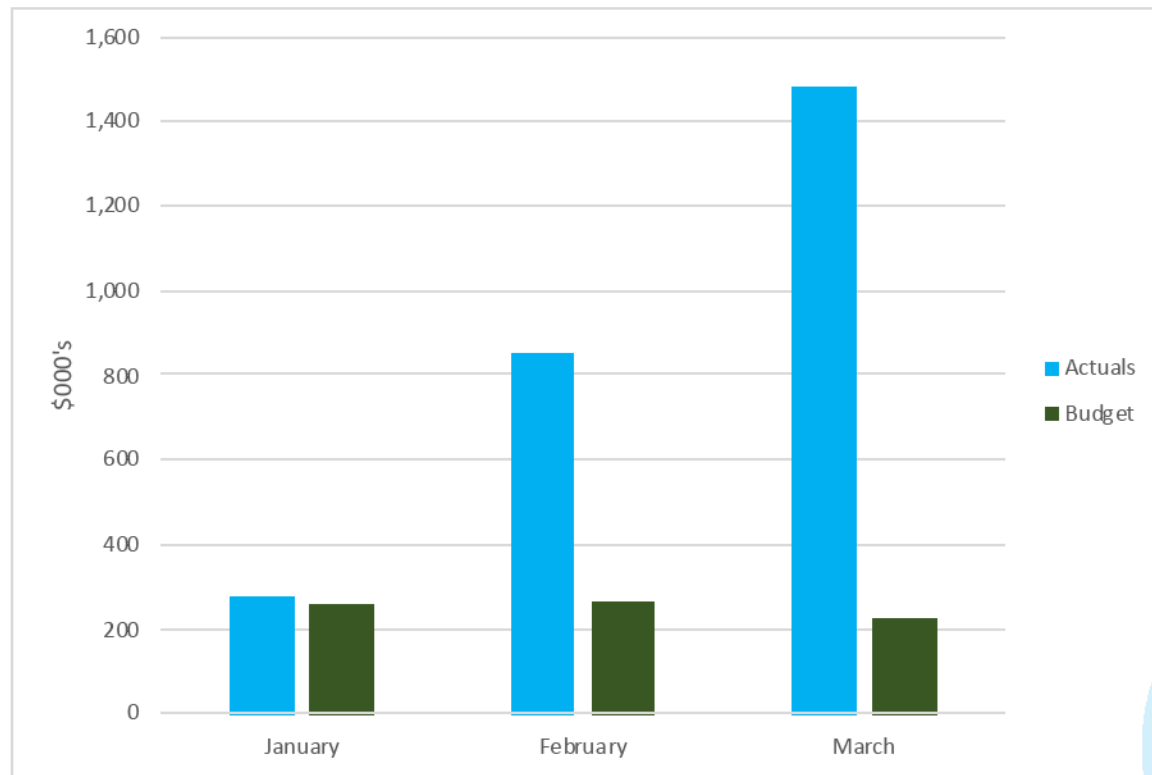
- Increase in material usage
- Increase in Contract services

**10**  
General  
call outs

**7**  
freezing rain  
events



# Snow Removal

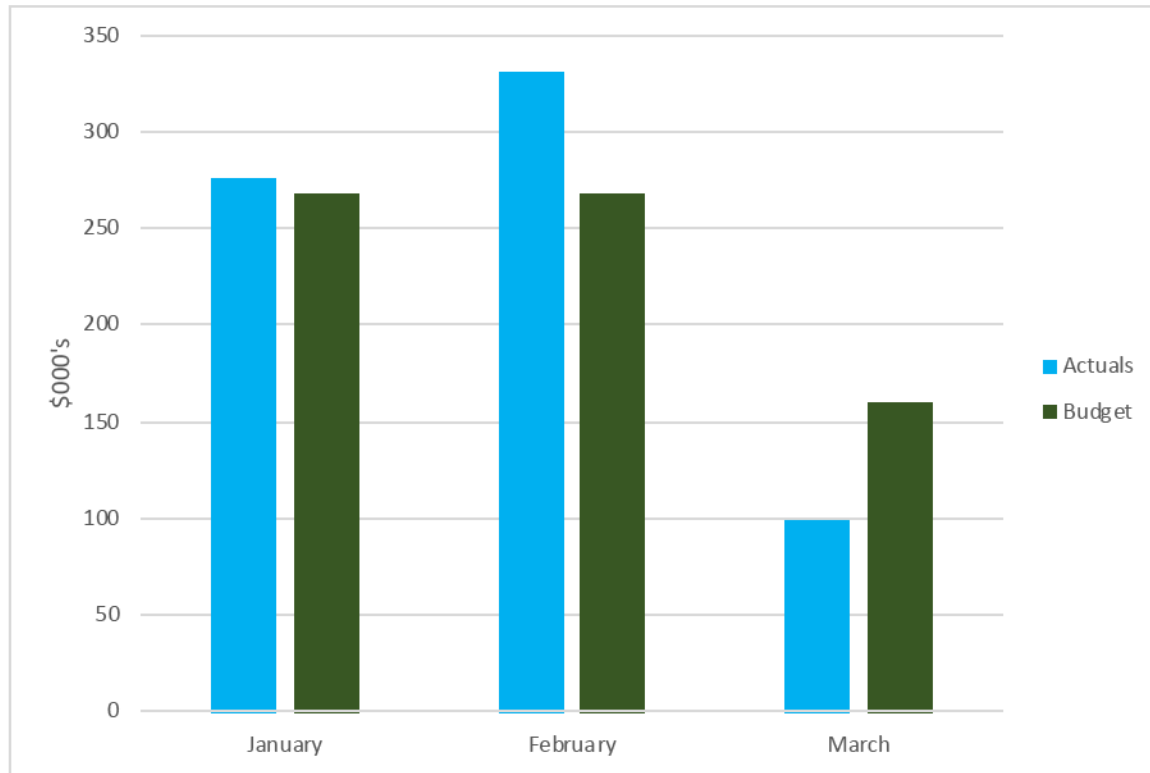


## Challenges

- Snow accumulation
- Increase in contract services
- Increase in labour hours

Bus stops,  
downtown centres  
and sighlines/lane  
widths

# Sidewalk Maintenance



**100%**  
completed by  
City forces

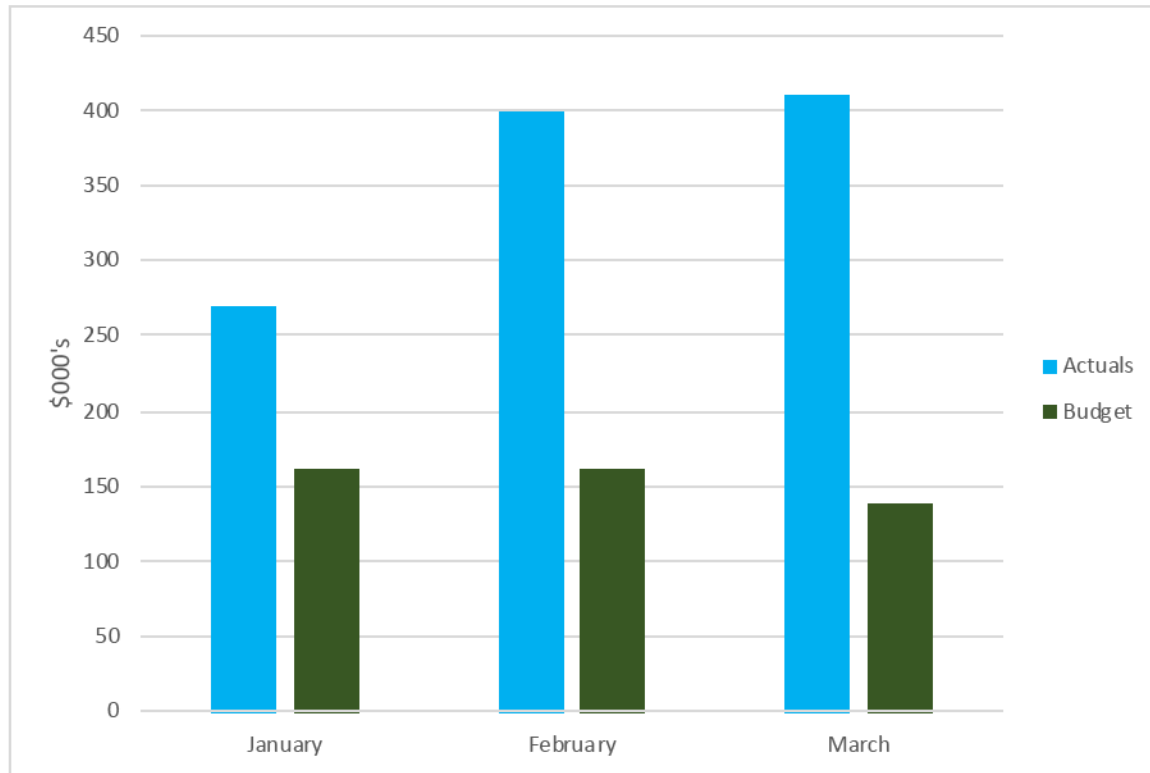


## Challenges

- Snow accumulation
- Slight increase in material
- Slight increase in plowing



# Snow Plowing - Graders | Loaders | 4x4s

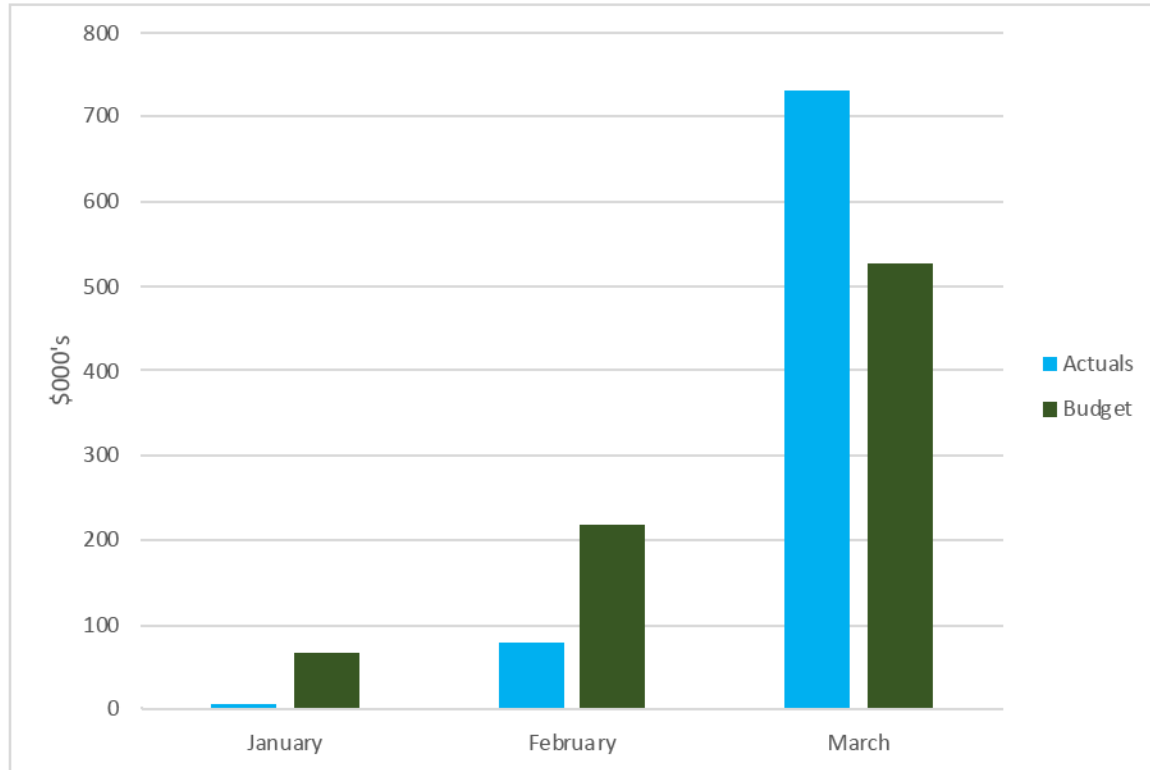


Grading  
(ice blading)  
can sometimes  
take several  
passes

## Challenges

- Snow accumulation
- Increase snowpack on roads/sidewalks

# Winter Ditching | Spring Cleanup



Opening  
up  
drainage

Street  
sweeping

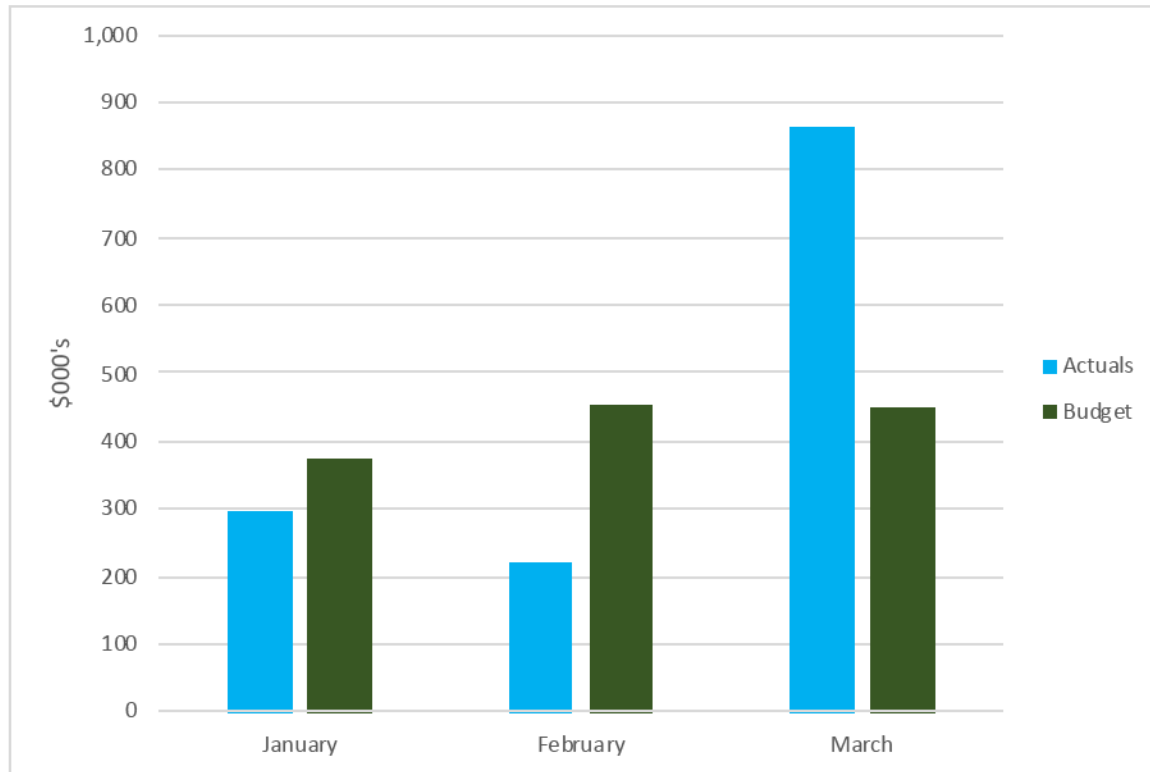
Winter  
ditching

Catch  
basin  
cleaning

## Challenges

- Snow accumulation increased the melt
- Labour intensive

# Miscellaneous Winter Maintenance



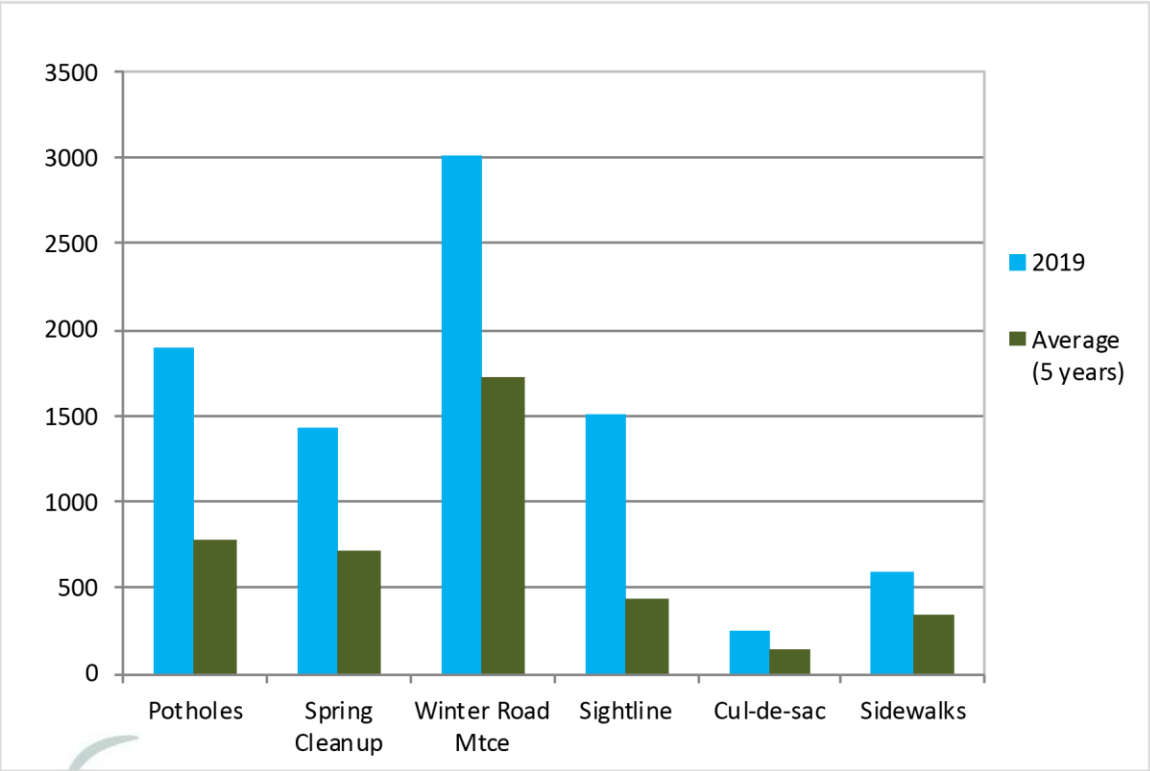
City staff  
fill about  
**55,000**  
potholes  
annually

**1,500** tonnes  
of asphalt used to  
date, which converts  
to **37,500**  
potholes filled



## Challenges

- Age of infrastructure
- Freeze-thaw cycles
- Increase use of contract services



**Jan-Mar**  
Almost twice  
the average  
number of calls



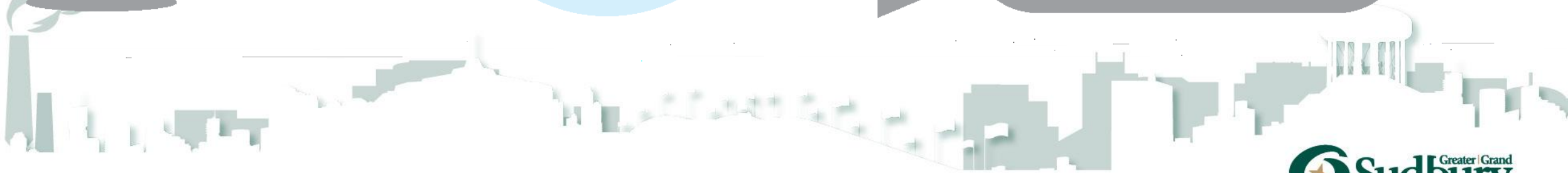
# Opportunities

**Review  
Financing**

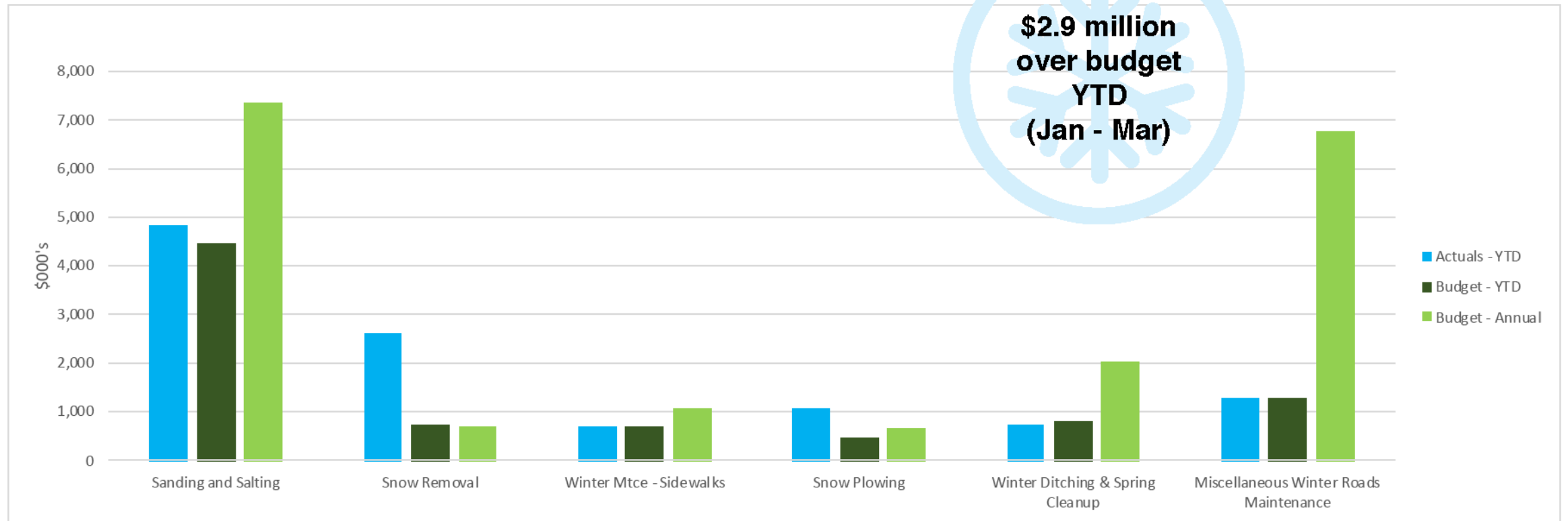
**Community  
understanding  
of services and  
service levels**

**Continuous  
Improvement  
Program**

**Pothole  
patching best  
practices**



# Summary





**Questions?**

