

# KCMO Public Works Update



Northeast Chamber Meeting: November 26, 2019



CITY OF KANSAS CITY, MISSOURI  
Public Works Department



# Why are we here?

- Share Information
  - Provide Program Overview
    - Sidewalks
    - Street Preservation
    - Snow Operations
- Gather Feedback
- Answer Questions



# Sidewalk Program History

- Prior to General Obligation (GO) Bond
  - Property assessments to homeowner for sidewalk repair
  - Complaint based program
- Passage of GO Bond in April, 2017
  - \$150M over 20 years dedicated to sidewalks
  - Eliminated homeowner's assessment for sidewalk repair
  - All sidewalks inspected every 10 yr/cycle



# What are we working on now?

- Sidewalk backlog – 311 Cases from 2008 to 2016
- Currently, in year 3 of GO Bond Program
  - Year 1 (2017-2018)
    - Full Block Spot Repair: 79 blocks completed
    - ADA Corners: 202 completed
  - Year 2 (2018-2019)
    - Full Block Spot Repair: 89 blocks, under construction (39 completed)
    - ADA Corners: ~ 200, in design
  - Year 3 (2019-2020)
    - Full Block Spot Repair: 63 blocks, in design



# District 3 & 4: Backlog Snapshot

3 <sup>rd</sup> District	Location Count	% Completed
Completed	28	48%
Under construction	4	
Future	25	
Total in CD 3	58	
Anticipated completion by end of spring 2020	32	55%

4 <sup>th</sup> District	Location Count	% Completed
Completed	20	27%
Under construction	11	
Future	41	
Total in CD 4	73	
Anticipated completion by end of spring 2020	31	42%

- By the end of spring 2020,
  - 55% of the sidewalk backlog in district 3 will be complete
  - 42% of the sidewalk backlog in district 4 will be complete
  - 52% of the sidewalk backlog city wide will be complete
- Spot repair is more than one sidewalk in front of a single address. The GO Bond program allows us to focus on repairing entire blockfaces, creating longer traversable and more walkable sidewalk segments.





# Sidewalks and Trees

- KCMO Public Works and Parks and Recreation Departments work together when trees impact the sidewalk
- KCMO Public Works inspects the sidewalks and makes note of locations where a tree is impacting the sidewalk
- These locations are put on a separate tree + sidewalk list
- This list goes to the Parks and Recreation Forestry Division to determine the health of the tree and next steps
- If the tree must be removed, Parks and Rec has a tree replanting program to replace the tree with two new trees.



# What's next?

- Continue working on the sidewalk backlog
  - Estimated completion: 2022
- Condition Inventory and sidewalk inspection
  - Priority 1, 2, and 3: 2019-2020



# Where can you find more info?

<http://kcmo.gov/sidewalks>

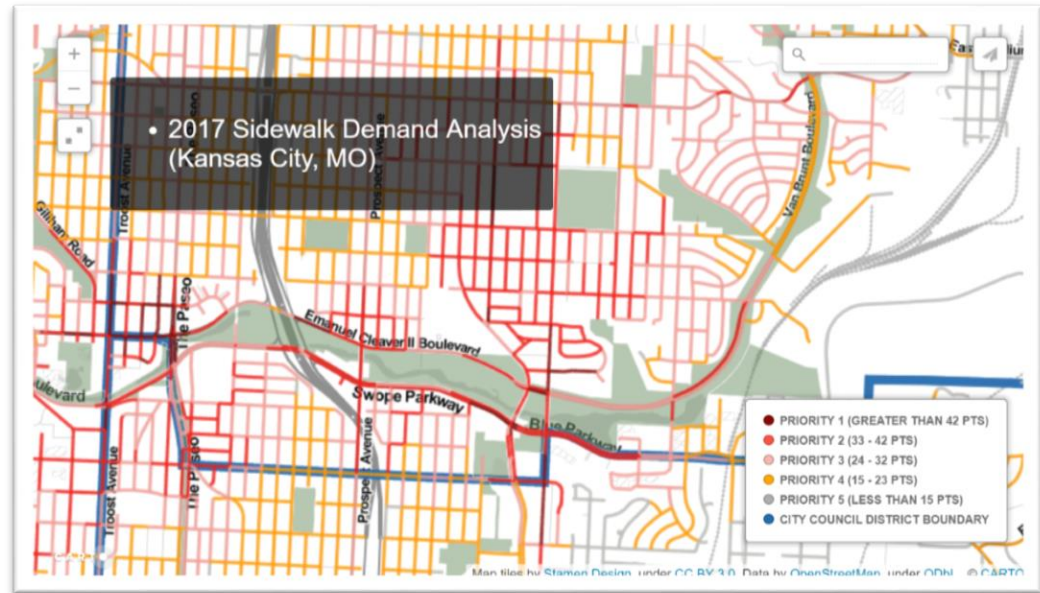
- Track our progress
- View public engagement opportunities
- Download the sidewalk fact sheet
- Learn more about the sidewalk inspection priorities and demand analysis





# What if my sidewalk is not on the list?

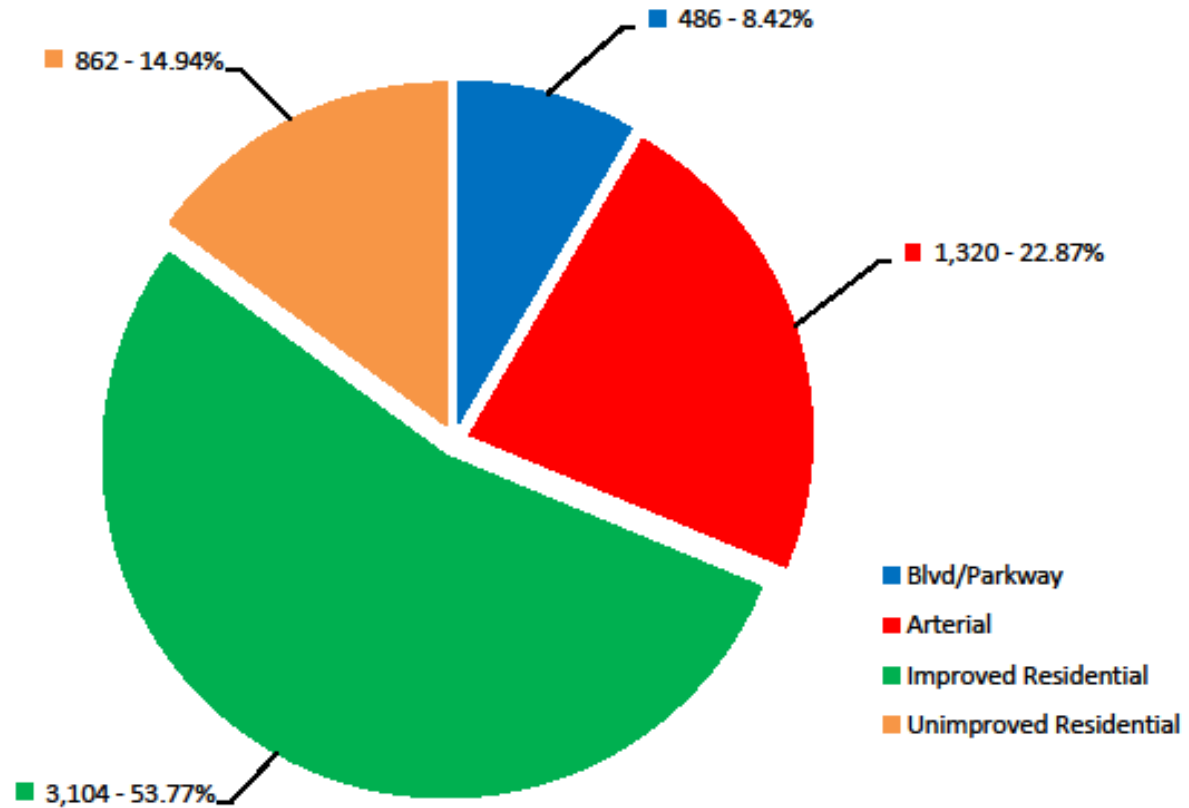
- Check the priority map
  - [kcmo.gov/sidewalks](https://kcmo.gov/sidewalks)
- Reach out to us for specific questions
  - Contact info on final slide
- Apply for Public Improvements Advisory Committee (PIAC) Funding
  - [kcmo.gov/piac](https://kcmo.gov/piac)



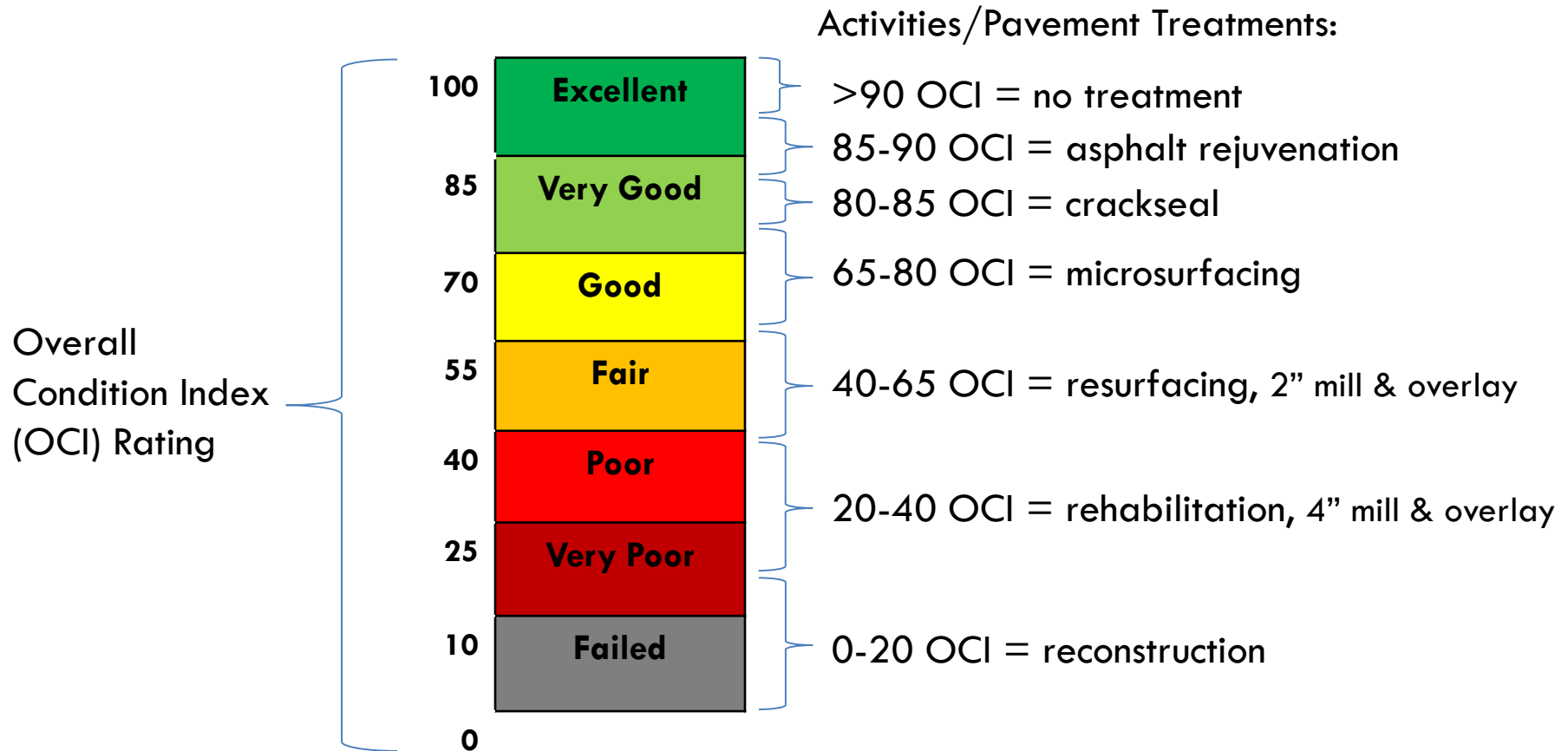
# Street Preservation Program



## Lane Miles of Pavement per Classification



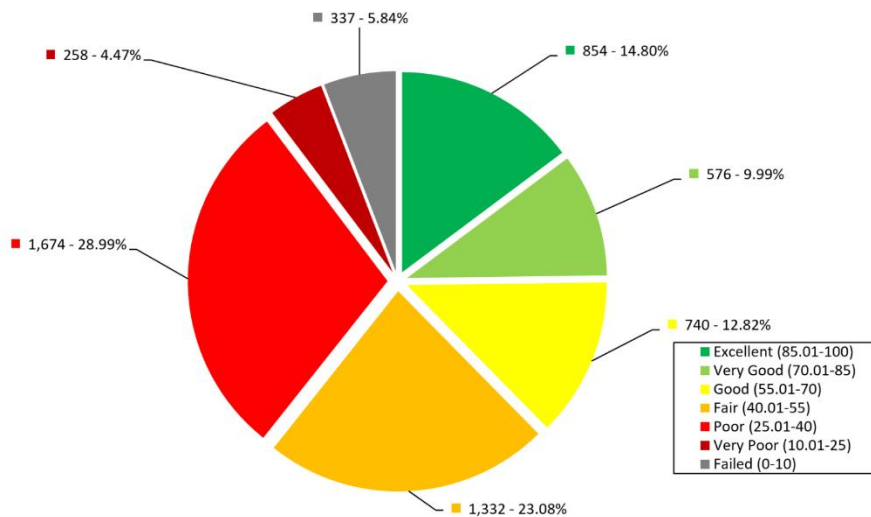
# Street Condition Rating System



# OCI Rating by Lane Miles

## System Network

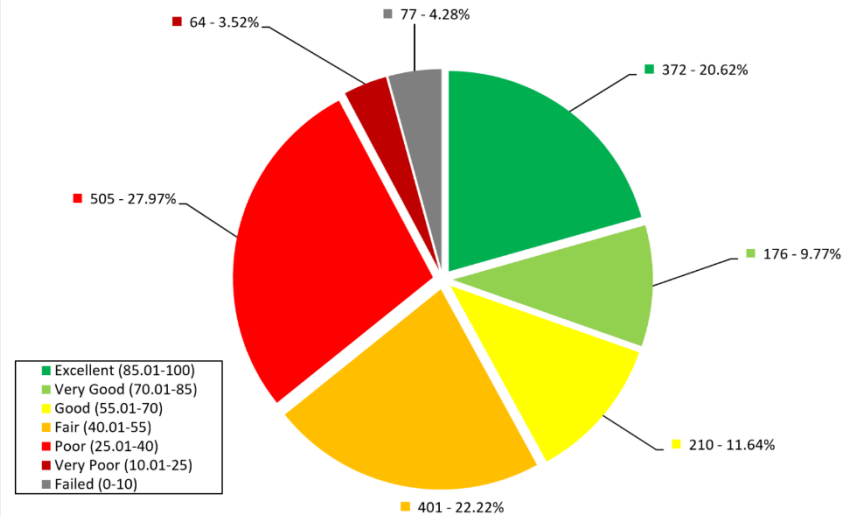
Network Lane Miles of Pavement per Rating Threshold



Network OCI: 53

## Arterials-Only

Arterial Lane Miles of Pavement per Rating Threshold



Arterial OCI: 57





# Street Preservation Program

Program	Current Budget
Street Preservation	\$16M/year

- Budget is 60% higher than last year
- 5 year plan
  - Focused on arterial roadways
  - Goal: reach an arterial condition rating of 60
- <http://kcmo.gov/streetpreservation>



# Pothole Update

## Citywide Summary

**311 cases as of November 5, 2019:**

- **Open: 471**
- **Closed: 18,208**
- **TOTAL: 18,679\***

**\*About a fifth of the actual total potholes filled across the city**



# Winter Preparations

## Current Efforts:

- **Staffing vacancies**
- **Upgrading Automatic Vehicle Location (AVL) equipment**
- **Prepping vehicles**
- **Training routes**
- **Updating snow map and website**
- **Filling salt domes**



<http://kcmo.gov/snow>



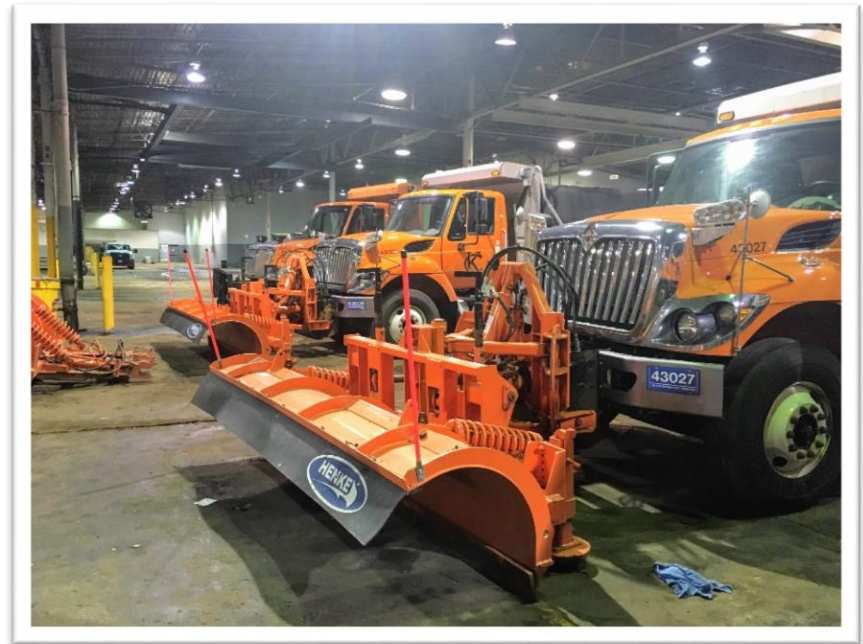
# Snow Operations

## Equipment:

- **Public Works:**
  - 85 dump trucks
  - 100 pick up trucks
- **Water Department**
  - 30 dump trucks
- **Parks Department**
  - 44 dump trucks
  - 14 pick ups
- **Total: ~150 dump trucks**

## Materials:

- 37,000 tons of salt
  - Currently: 32,000 tons
- 18,000 gallons of calcium chloride available
- Salt brine made as needed



## FY 2019-2020 Budget:

- **\$2.75 Million**



# Snow Operations

## Arterial Program:

- Large dump trucks
- Curb to curb clearing
- 10 foot (min) plow width
- Plow and salt
- Run 24 hours a day (split shifts)
- 36 plow routes

## Residential Program:

- Pick up trucks
- One pass only
- 7 ½ foot plow width
- Primary focus: plowing
- Salt hills, curves, and intersections
- Daytime shifts only
- 67 plow routes

Every city maintained street in KCMO is on a plow route.



<http://kcmo.gov/snow>

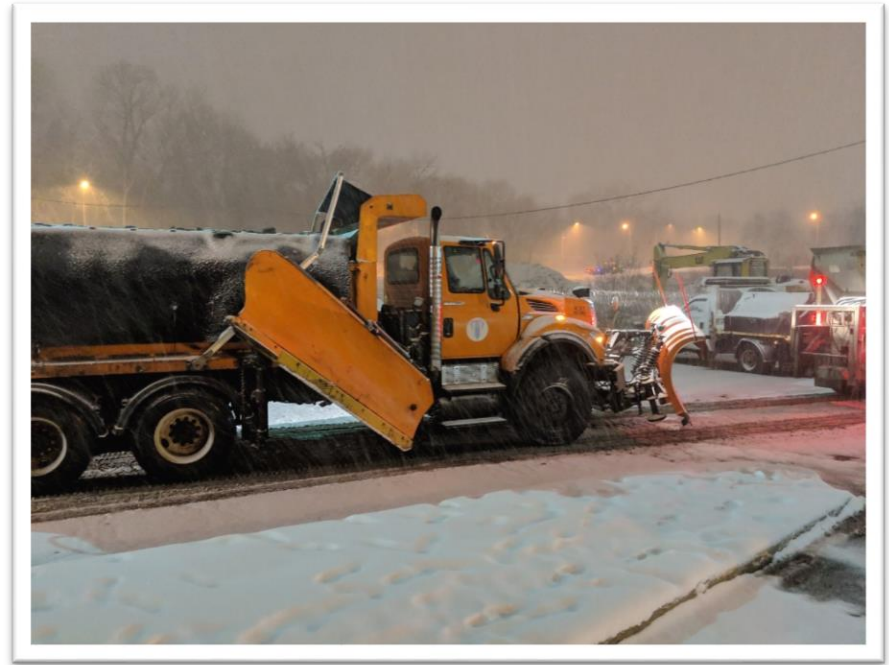




# Staying Up to Date

## Accessing information:

- **KCMO.GOV/SNOW**
- **Includes forecast and operations updates for each snow event**
- **Snow map to track where trucks have been**
- **FAQ's about our snow program**
- **Snowy Weather Tips**



<http://kcmo.gov/snow>

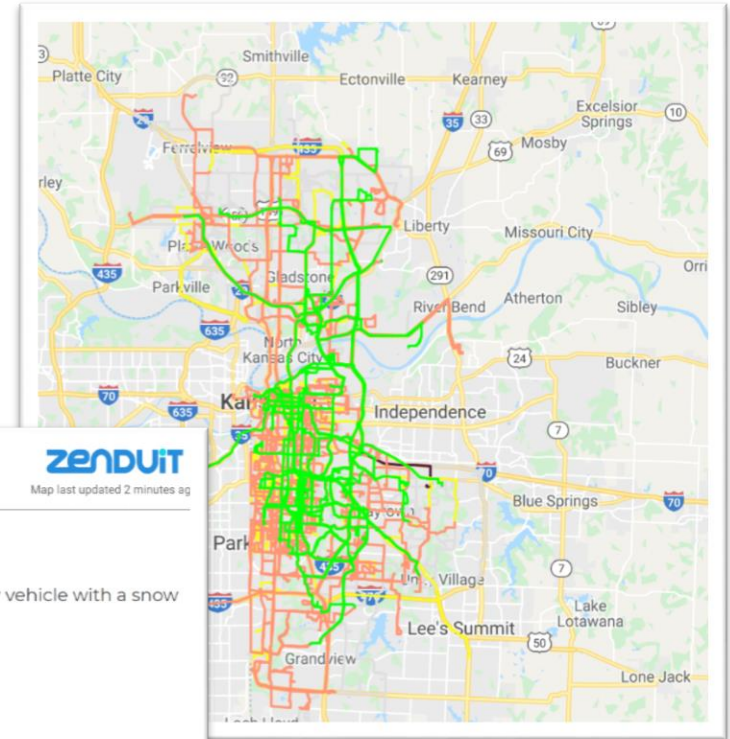
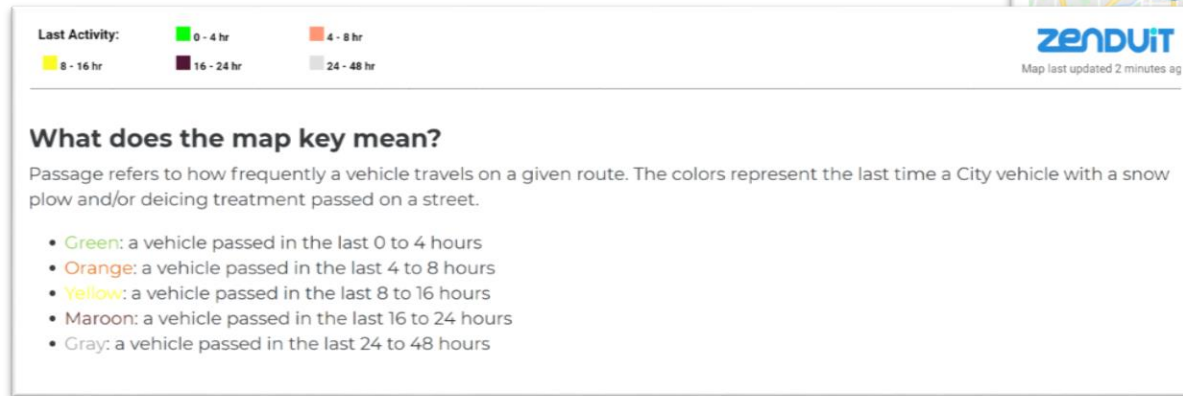


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# New and Improved: Snow Map

- **Cross departmental effort**
- **AVL equipment in trucks feeds into the public facing map**
- **Better data tracking**



<http://kcmo.gov/snow>



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# Questions?

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