

# SNOW PLAN UPDATE

*Winter 2018-2019*

*Environmental Quality & Public Works Committee  
September 18, 2018*



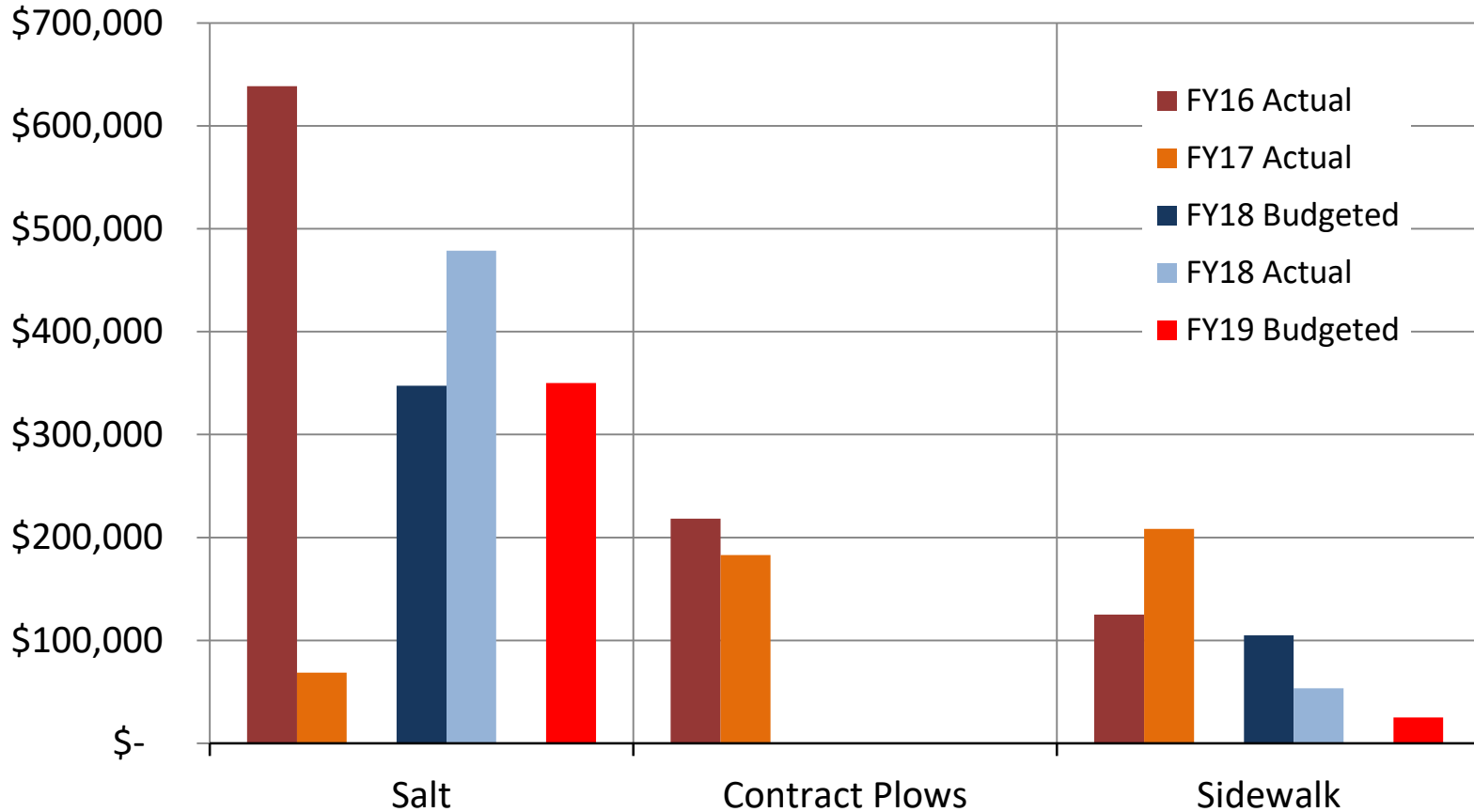
**LEXINGTON**



# Presentation Overview

- Snow Season Expense Comparison
- Status of Salt
- Route Rankings
- Service Levels
- Changes to the Snow Plan
- Sidewalk Snow Removal
- Staffing
- Projected Schedule for Plan Finalization

# Snow Season Expense Comparison



*\* Does not include personnel*

# Salt

Salt used in FY17 → est. 2,900 tons with 4 full mobilizations & 1 partial mob.

Salt used in FY18 → est. 10,306 tons with 12 full mobilizations & 6 partial mob.

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Salt currently available → 3,000 tons at Streets and Roads

FY18 cost → \$58.32/ton

FY19 cost → \$89.44/ton (salt delivered by rail / stored locally / delivered to S&R)

FY19 budget → \$350,000 = 3,913 tons @ current price



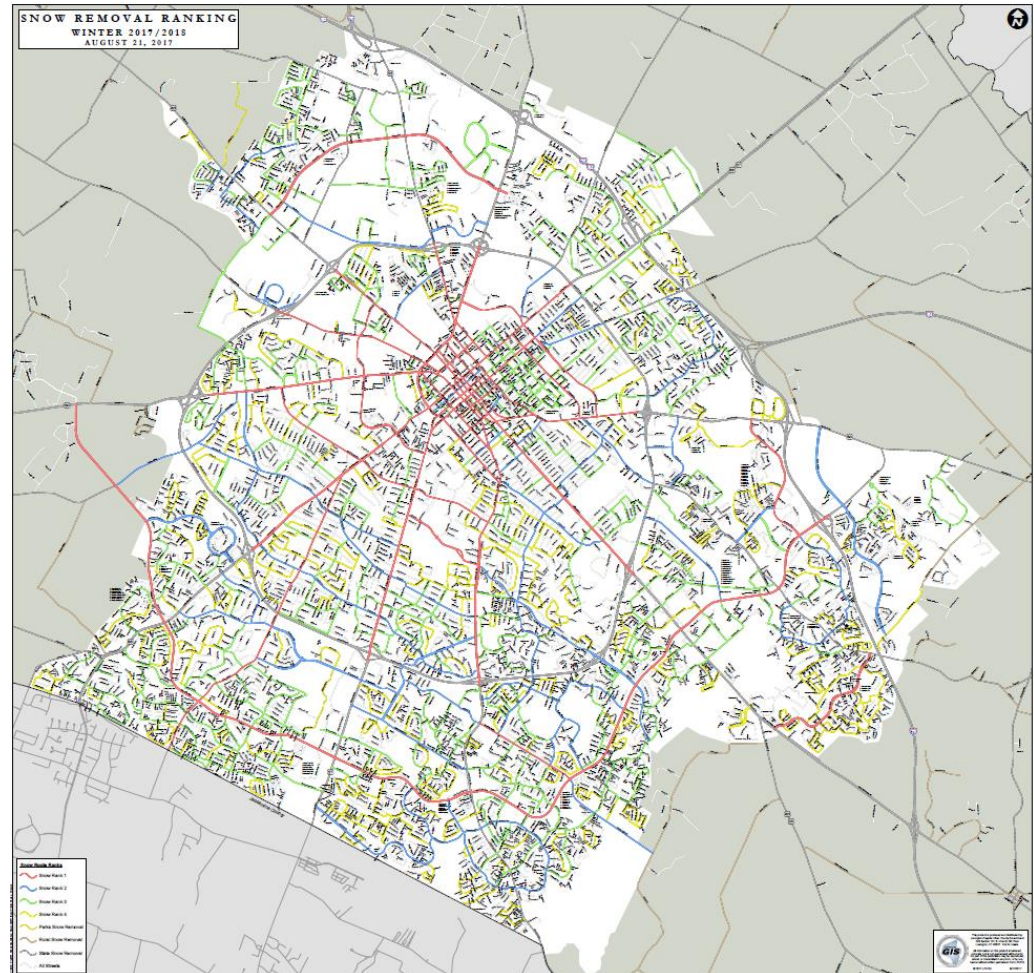
# Route Rankings

**Rank 1** -- primary arteries in and out of the city. (*Nicholasville Rd, Man O' War Blvd, etc.*)

**Rank 2** -- major connecting streets. (*Lane Allen Rd, Loudon Ave, etc.*)

**Rank 3** -- collector routes. (*Sandersville Rd, Old Todds Rd, etc.*)

**Rank 4** -- local residential streets, which allow residents access to the main roads (*Dunkirk Dr, Glendover Rd, etc.*)





# Service Levels

## **Level 1 → 1” to 4” of accumulation**

- Operate under current plan (Rank 1 - 4 streets)

## **Level 2 → 5” to 8” of accumulation**

- Add residential collector streets that connect to collector streets

## **Level 3 → 8” of accumulation and above**

- Attempt to plow as many streets as possible

# Changes to 2017-18 Snow Plan

## Goal

- Complete Roadway Snow Plan (Rank 1-4 routes) within 36 hours of snow end.
- Complete Sidewalk Snow Plan (Ranked 1 – 3 routes) within 96 hours of snow end.

## Resulting Changes for 2018-19 Snow Season

- Treatment for Citation Blvd now a state responsibility.
- Minor edits to reflect connectivity concerns, school access and completion of final asphalt surfacing on Priority streets.



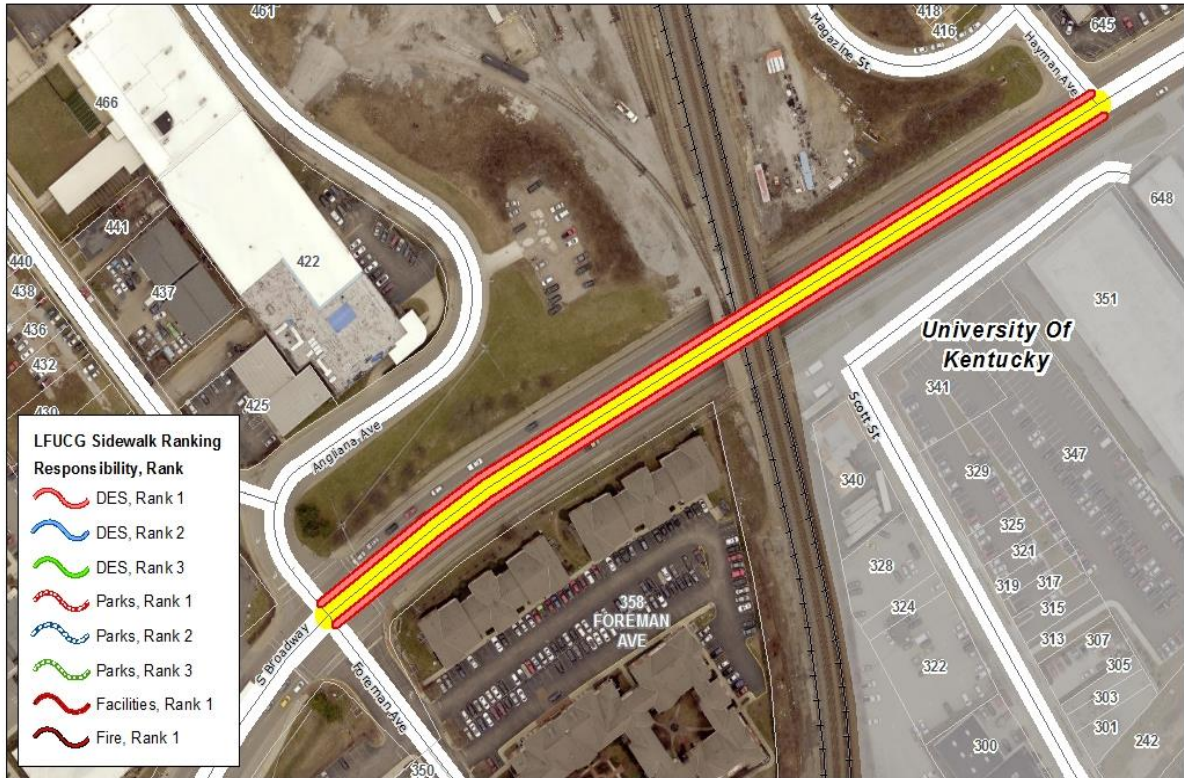
# Sidewalk Snow Removal

- Primary execution by combined forces of Environmental Services, Parks, and Facilities.
- Nearly 80 miles of sidewalks serviced with full execution of the plan.





# Sidewalk Snow Removal



- \$25,000 budgeted to provide for contractor assistance to remove snow on viaducts at Level 2 (5-inches) or above.
- Sidewalk clearing begins after snow stops. Must coordinate timing with road crews to minimize re-coverage after clearance.



Sidewalk Snow Plan  
 Lexington-Fayette Urban County Government  
 Lexington, Kentucky

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
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Date: 12/21/2016

# Sidewalk Snow Removal

Sidewalk Rank and Area	Area Size	Service Level
<p><b>Rank 1</b></p> <ul style="list-style-type: none"> <li>• City-owned facilities</li> <li>• Corridors (viaducts), and city-maintained sidewalks/crosswalks (high density)</li> <li>• Service Open Parks Facilities</li> </ul>	<p>13.5 Sidewalk Miles</p>	<p>Clearance within 24 hours of snow end.</p>
<p><b>Rank 2</b></p> <ul style="list-style-type: none"> <li>• Designated city-maintained sidewalks on arterials and collectors in high density areas (i.e. Man O' War, Wellington Way, Wilson Downing, etc.)</li> <li>• Service Closed Parks Facilities &amp; near Bus stops</li> </ul>	<p>36.3 Sidewalk Miles</p>	<p>Clearance within 48 hours of snow end.</p>
<p><b>Rank 3</b></p> <ul style="list-style-type: none"> <li>• City-owned parcels in lower density residential areas (WQ lots, greenways);</li> <li>• Perimeter sidewalks of Parks - High density areas to have a higher priority than low density areas</li> </ul>	<p>29.3 Sidewalk Miles</p>	<p>Partial Clearance within 96 hours of snow end.</p>



# Staffing

**Streets and Roads** -- authorized strength: 67 CDL positions.

**Water Quality** – authorized strength: 29 available CDL positions.

**Environmental Services** -- 12 to 14 positions operating equipment and/or shovels, including two backup CDL drivers.

**Other** – backup drivers from Water Quality, Parks, Waste Management and Environmental Services (if needed).



# Plan Finalization Schedule

**EQ&PW Committee Update – September 18, 2018**

**Stakeholder Meeting – September 27, 2018**

(LexTran, FCPS, state, etc.)

**Post to Webpage – October 9, 2018**



# QUESTIONS / COMMENTS?