Streets 2024 Snow Operations

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Presentation Objectives

- 2023-24 Season Review
- Current Snow Shifts- Equipment & Staffing
- Streets Snowplowing Fleet
- Streets Staffing
- Streets Winter Responsibilities
- Current Streets Snow Operations Policy
- Post-event Operations

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2023-24 Season Review

- Light winter with minimal high impact storms
- Streets was at 50% vacancy rate.
- Transition from 2-snow shifts to 3-snow shifts.
  - Operational effectiveness improved
- Shift change time moved to ensure better FUSD support on delayed start days.
  - This shift worked well, and we have better morning plow/ice cinder coverage.

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Snow Shifts- Equip & Staffing

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Day Operations 12pm-12am	**Night Operations 12am-12pm**
1- Snow shift supervisors	2- Snow shift supervisors
5- Operators	6- Operators
2-3- Snow temps (as available)	4-6- Snow temps (as available)
Our Goal - 4-5 Snowplow trucks	Our Goal- 12 Snowplow trucks

Snow Shifts- Equip & Staffing

Grader/Loader Shift 8pm-8am

1- Snow shift supervisors

8- Operators

3-5 Snow temps (as available)

Our Goal -

9 Motor Graders

2 loaders

Streets Snowplow Fleet

- 16- 10-Wheel Snowplows
- 4- 6-Wheel Plow Trucks
- 8- Motor Graders
- 5- Front-end Loaders
- 1- Truck Mounted Snow Thrower

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Streets Staffing

- Team of 33 Operational team members
- Staffing is at 80%, best we have seen in 4 years!
  - Lots of new faces and lots of training
- Streets Manager vacant- Job to be posted by end of month
- Vacant Administrative Specialist position

Streets Winter Responsibilities

Event Responsibilities

- 24hr snowplow coverage until all roads are plowed.
- Streets plows 700+ lane miles of roadway.
  - Equates to 2600 miles traveled to plow roads 1 time includes emergency lanes, shoulders, bike lanes, and turn lanes
- Apply ice cinders
- Maintain 48 traffic signals
- Coordinate with partner agencies on snow ops.
- Hauling of snow piles
- Patch potholes in roadways
- Sweep ice cinders

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Streets Snow Response Policy

2024 Snow Readiness & Operations Manual

- An operational guide which is updated annually.
  - This manual is distributed to all operators and snow temps.
- The purpose of this document is track and enhance best practices while giving structure to snow operations.
- Each year, we review nationwide policies, best practices, and technology to ensure we align and provide the best public services possible.

Streets- Snow Plowing Priorities

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Priority Routes – Open and Passable at all times

- Main Routes and Arterials
- Major Hills
- Downtown Core
- FUSD & Mountain Line Bus Routes

Secondary Priority Routes - Residential Streets & Cul-de-sacs

Residential streets are not plowed until priority one routes are completed and more than four inches of snow has accumulated on residential roadways.

❖Ice control for the duration of each storm event.

Streets- Snow Plowing Priorities

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Residential Streets and Cul-de-sacs

Residential streets are not plowed until priority one routes are completed and more than four inches of snow has accumulated on residential roadways.

Second priorities will be completed:

within 12 hours after up to 8 inches of accumulation

within 18 hours after 8 to 12 inches of accumulation

within 36 hours after more than 12 inches of accumulation

Post Event

- Snow hauling operations
  - Downtown Parking
  - Main arterial roads
  - Cul-de-sacs
- Intersection clean up and push back
- Damaged Sign repairs
- Prolonged ice control and trouble spots
- Ice cinder sweeping
- Roadway damages and potholes

Streets Strategic Vision and Goals

To provide the most effective and safe snow operations to our community.

Enhance best practices through training, proper equipment, and staffing.

3-5 yr. goals are to meet the staffing needs of our current infrastructure and to better support the residents of Flagstaff.

Questions?

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