

# Public Works Streets

2020 Sweeping Operations





# Street Sweeping

## Council Request:

“A discussion of potential strategies for cleaning up cinders in a more timely and efficient manner”

- Sweeping program overview
- Review of alternative products and methods



# Street Sweeping

## 700 Lane miles of Transportation Infrastructure

- Travel lanes
  - Intersections and medians
  - Adjacent bike and pedestrian facilities
  - Main routes and residential streets
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- Vehicle Accidents
  - Post Storm clean up (monsoon and winter events)



# Street Sweeping

Year Round – General litter, dirt and debris

**Summer** - Monsoon storms, increased litter

**Fall** - Pine needles and foliage

**Winter** - Ice cinder clean up

**Spring** - Post winter clean up, wind blown trash, striping and marking preparations.



# Street Sweeping





# Street Sweeping

## Program Goals –

1. Sweep all mains weekly
2. Sweep downtown 3 times per week
3. Sweep residentially monthly
4. Address intersections, bike and pedestrian infrastructure after winter events and as a priority every Spring
5. Respond timely to accidents and spills



# Street Sweeping

## Common Questions –

Year round sweeping – Yes, as conditions allow

Mains and residential – Yes, day and night shifts

Winter storm events – Yes, shortly after as ice allows

## Limits of Sweeping –

Weather conditions

Hopper size

Dump site locations



# Street Sweeping

## Proactive efforts Ongoing –

- Continue electronic controlled use of ice cinders
- Continue operator education of correct application of ice cinders
- Address ponding water and ice trouble spots
- Continue pro-active sweeping following storms

## Alternatives to consider –

- Chemical de-icing and pre-treatment programs during winter events
- Additional sweeping resources of equipment and operators

# Street Sweeping

Questions and Comments

