



Street Sweeping

Presentation
2011

History – Pre Amalgamation

Prior to amalgamation all areas ran their own operation; Halifax was the only area that maintained a regular sweeping program.

A petition held in Halifax in the 86/87 fiscal year moved the majority of sweeping to nights.

	Dartmouth	County	Halifax
# of Sweepers	2	1	4
Service	3x Per Year Residential Rds. 1x Per week Downtown Core	As Required	Regular Program
Time of Day	Early Morning & Day	Day	Day and Night

History – Post Amalgamation

	East Region	Central Region	West Region
Downtown and Business Districts	1x every 2 weeks	1x every 2 weeks	1x every 2 weeks 1x week on Peninsula
Main Arterials	1x per month	2x per month	2x per month
Residential Streets	2x per year & as required	2x per year & as required	2x per year & as required
Industrial Parks/Business Parks	4x per year	5x per year	5 or 6x per year
Traffic Islands	As required	As required	As required
Special Events	As required	As required	As required

- Level of service increased in Central
- Level of service decreased on residential roads in East and West
- Some residential areas have given up night sweeping due to noise and parking restrictions

Rationale for Change

1. Service standard variance between Peninsula and other areas:

- Residential roads in some areas are over-serviced
- East and Central under serviced

2. Residential noise complaints (mostly West)

- stem from night time operations

3. Public complaints regarding parking ban (mostly West)

- stem from night time operation
- ticketing may take place when service doesn't

4. Efficiency of equipment and resources not optimal

- equipment not currently reliable
- protracted Spring clean-up due to service disparity between areas
- no route plans in Central and East

Changes made to date

A number have changes have been made to address service related concerns:

1. Amalgamated the operation to Turner Drive

- Gained greater efficiency in planning and mobilizing operation as well as maintenance of equipment

2. Introduced through Collective Bargaining, 4-10 hour work days

- Generates more sweeping hours
- Provides an additional day for maintenance

3. Purchased 2 new power broom attachments for Spring clean-up

- Work was contracted @ 50k per year; brooms were purchased for 30k, immediate payback

Proposed Changes

A number of changes are proposed to address the concerns in West while addressing the service disparity in East and Central.

1. Move to day time operation:

- Reduce/eliminate residential street cleaning at night

2. Create efficiency:

- Only sweep streets that need to be swept
- Use MPS's to identify street sweeping requirements

3. Establish route plans:

- Establish new sweeping routes in GIS
- Implement planned routes in East and Central
- Modify planned routes in West and increase service standard on major and minor roads
- Introduce routing flexible enough to accommodate on demand residential street cleaning outside 4x per year schedule

4. Purchase of four new sweepers:

- Meet commitments by increasing reliability of equipment

Outcome of Changes

1. Optimization of workforce:

- Established routes
- Less equipment downtime
- 4/10 hour workday
- Co-location at one depot

2. Optimization of Equipment:

- One scheduled maintenance day
- 4 pieces of new equipment
- Everything located at one depot

3. Improvement in Service Standard

- All heavily travelled roads will receive regular service
- All other roads will be scheduled but only serviced when needed
- MPS's will report issues as they arise

Outcome of Changes

4. Reduction in Residential complaints:

- Noise
- Parking
- Lack of Service
- Equity Issues
- Ticketing when no service

5. Improvement in Spring Clean-up

- Optimized workforce
- Internal equipment
- Planned routes

New Service Standards

- 1. 40km routes broken out by MPS Zone**
 - optimize reporting and performance
- 2. Major and minor collectors will be serviced 3-4 times per month**
- 3. Residential roads:**
 - 4 times a year or as high as 7 based on need (inspections)
 - residential streets tend to collect more debris
- 4. 90% of all residential sweeping will be done in the day:**
 - may require some temporary daytime parking restrictions
 - 10% of the time residential streets will be done at night i.e., Robie St./ Windmill Rd./Sackville Dr.
- 5. Spring clean-up, completed by June 1st**
 - introduced specialized equipment to facilitate clean-up
 - use contract services to add efficiency and meet targets