



City of Kingston
Information Report to Municipal Accessibility Advisory Committee
Report Number MAAC 15-012

To: Municipal Accessibility Advisory Committee
From: Jim Keech, President and CEO, Utilities Kingston
Resource Staff: Damon Wells, Director, Public Works
Date of Meeting: November 5, 2015
Subject: Accessibility and Public Works Operations

Executive Summary:

This report is presented to the Municipal Accessibility Advisory Committee to provide a better understanding of the Public Works Department's operations and the work that the department does supporting accessibility.

Recommendation:

This report is an Information Report only.

November 5, 2014

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Authorizing Signatures:

ORIGINAL SIGNED BY PRESIDENT & CEO, UTILITIES KINGSTON

**Jim Keech, President and CEO,
Utilities Kingston**

ORIGINAL SIGNED BY CHIEF ADMINISTRATIVE OFFICER

Gerard Hunt, Chief Administrative Officer

Consultation with the following Commissioners:

Cynthia Beach, Corporate & Strategic Initiatives	Not required
Lanie Hurdle, Community Services	Not required
Denis Leger, Transportation, Facilities & Emergency Services	Not required
Jim Keech, President and CEO, Utilities Kingston	Not required

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Options/Discussion:

The attached presentation, Exhibit 'A', speaks to the Public Works Departments operations and how they contribute to Accessibility, in the City of Kingston

Existing Policy/By Law:

Accessibility Consultation Process Policy

Notice Provisions:

Not applicable

Accessibility Considerations:

This Information Report speaks to Accessibility and Public Works Operations

Financial Considerations:

Not applicable

Contacts:

Damon Wells, Director, Public Works Services, 613-546-4291, Extension 2313

Other City of Kingston Staff Consulted:

Mark Van Buren, Director, Engineering

Julie Salter-Keene, Manager, Community Projects

Cheryl Hitchen, Manager, Social Policy & Strategic Community Development

Exhibits Attached:

Exhibit A - Accessibility and Public Works Operations

Accessibility and Public Works Operations

“We Make Your City Work Accessibly”

- How does Public Works,
“Make Your City Work”
- Two (2) main Focus areas
 - Roads, Streets and Sidewalks,
Walkways & Pathways Maintenance
 - Parks, Green Space
& Sport Fields Maintenance

- How does Public Works,
“Make Your City Work Accessibly”
 - Roads, Streets and
Sidewalks, Walkways & Pathways
 - Summer Maintenance & Trip Hazard Reduction
 - Winter Maintenance

Accessibility & PW Operations

- Summer Maintenance & Trip Hazard Reduction
 - Sidewalk, Walkway & Pathway - Annual Inspections
→ Public Works
 - Sidewalk repairs - 1-8 squares → Public Works
 - Full Block Reconstruction
→ Engineering (Capital)
 - Trip Hazard Reduction - Public Works, Replacements
 - Contracted trip hazard
Horizontal Cutting → Public Works
 - New Sidewalk Links Construction → Engineering

Accessibility & PW Operations

- Winter Maintenance - basically clearing & sanding
 - 520 kilometers, sidewalks & walkways, plus park pathways
 - Sidewalk & Walkway Routes,
23 In-House + 2 Contracted-Out (*Kingston East*),
plus park pathways
 - Clearing, of snow accumulation
(plowing, blowing, removals)
 - Sanding, follows clearing operations, as significantly slower

Accessibility & PW Operations

- Winter Maintenance, cont'd.
 - 14 Sidewalk Plows
 - Service Level target,
 - To complete all sidewalks, walkways & pathways, within 48 hours of the end of an event
(snow fall, blowing snow, freezing rain, etc.)
 - Arterials, Bus Routes-Collectors,
High Pedestrian Areas, Residentials

Accessibility & PW Operations

- Winter Maintenance, cont'd.
- Challenges;
 - Resources
 - Sidewalk plows (*25 routes, 16 sidewalk plows*)
 - Staffing (*sidewalk plow operators*)
 - Equipment Breakdowns (*by nature of operation, frequent*)
 - Back to Back events
 - (*→ Arterials, Bus Routes, High Pedestrian Areas, Residentials*)

Accessibility & PW Operations

- Winter Maintenance, cont'd.
- Last Winter, 38 Winter Control Events
 - For 7 of those 38 events, 'Residential' sidewalk clearing efforts failed to meet levels of service (LOS)
- Winter Control Analysis indicates
 - Failures to meet LOS occurred when faced with;
 - Consecutive Events with Continuous Snowfall
 - Events with mix of Snowfall and Freezing Rain
 - Events with Heavy Snowfall followed by continuous Winds and Drifting

Accessibility & PW Operations

- Winter Maintenance, cont'd.
- Those Event Conditions,
 - keep staff in road & street plows,
and out of sidewalk plows
- PW's Actions
- Adding two sidewalk plows between 2015 and 2017
 - With further potential sidewalk plow additions on a go forward basis,
to allow for expected sidewalk network growth
- Continue to pursue additional staffing resources,
to match sidewalk plow compliment

Accessibility & PW Operations

- Parks, Green Space & Sport Fields Maintenance
- FADS Benches
 - FADS benches c/w appropriate concrete pads are being utilized as new benches are installed or old benches replaced
- Walkways & Pathways
 - These park walkways and pathways receive the same annual inspection, repair attention and trip hazard reduction consideration as sidewalks
- Accessible Play Structures Surfaces
 - Resources allowing, Public Works replaces sand or pea gravel play structure surfaces, with manufactured wood fibre chip surfaces
- Tree Trimming Elevation
 - Elevating low hanging branches in park provides increased visibility



Questions ?