

# Bathurst Snow Operation Web App (Just Do It)



**Problem Statement:** Difficulty to keep track of snow operation progress and dispatch crew between work shifts.

EQUIPMENT	EMPLOYEE	DESCRIPTION OF TASK
Note:		Make a list of hydrants that were missed or needs shoveling, or trackless by 3 pm. See highlighted map, rows South and East is all done.
148	Emmy	Update where we are in refer on snow melting, hydrants, and sidewalks.
524 + Hammer	Harelid	950 Grandview frozen line
519	Mhar	950 Grandview frozen line
513	Itin	950 Grandview frozen line
Jensen Truck		950 Grandview frozen line
520/510	Darcy C. Tom J	950 Grandview frozen line, replace front fitting and install ground
521	Stephane	Selective scrape, stir, push, salt
506	Gilbert	Hydrants see list
538	Tom D	Sidewalks scrape
536	Dean	Hydrants (turn on St. Francis, Chen St., Anne)
667	Jamie	Follow 536
669	Judith, Terry	Follow 636
501	Ivey	WTP see work orders
618	Danny V	Update where we are at today on snow melting and sidewalks.
637 - Blower	Rene	Widening (Bridge Street and Hill and near Sutherland
635/2 - P	Tue	Done
632 - Jan	Just	Selective scrape, stir, push, salt
641	Karen L	Sidewalks scrape
695	Rodney, Michel N	Flag on Bridge Street for blower, south H and near Sutherland
540	Chris B, Matt R	St. Charles
608/605	Rodney, Michel N, Justin, Chris W	Cold Mill after Bridge Street
	Chris W	Chlorine change

**Before:**  
Difficult to maintain and inaccurate Excel document (to be produced almost daily)

**After :**  
Web Apps Showing Snow Operation Status (Fire Hydrant Example)

**After :** Crew to consult and update status in real time (Giant touch screen or iPad)

- Executive Summary/Process Improvement**
- Using ArcGIS Enterprise, publish web apps showing assets status in real time for snow operations (Fire Hydrant, Sidewalks & Roads).
  - Real time Dashboards for quick glimpse of general status during & after storm.
  - Less confusion when communicating daily progress as users can update the system from giant touch screen, iPad, Smartphone, etc.
  - Streamlined crew dispatch
  - Time saving/efficiency
  - Data for stats, dashboards and further analysis.

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