

2016 City of Traverse City Snow Removal and Storage Presentation

Streets Department
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General Snow Removal Plan and Procedures

- Manpower
- Equipment
- Contractor help for core downtown areas
- Snow Storage sites – locations and procedures

Wellington Street Snow Storage



We're thinking about upgrading our equipment!



This might have been when we started thinking about putting in parking meters to help fund downtown snow removal.



Snow Removal Manpower and Equipment

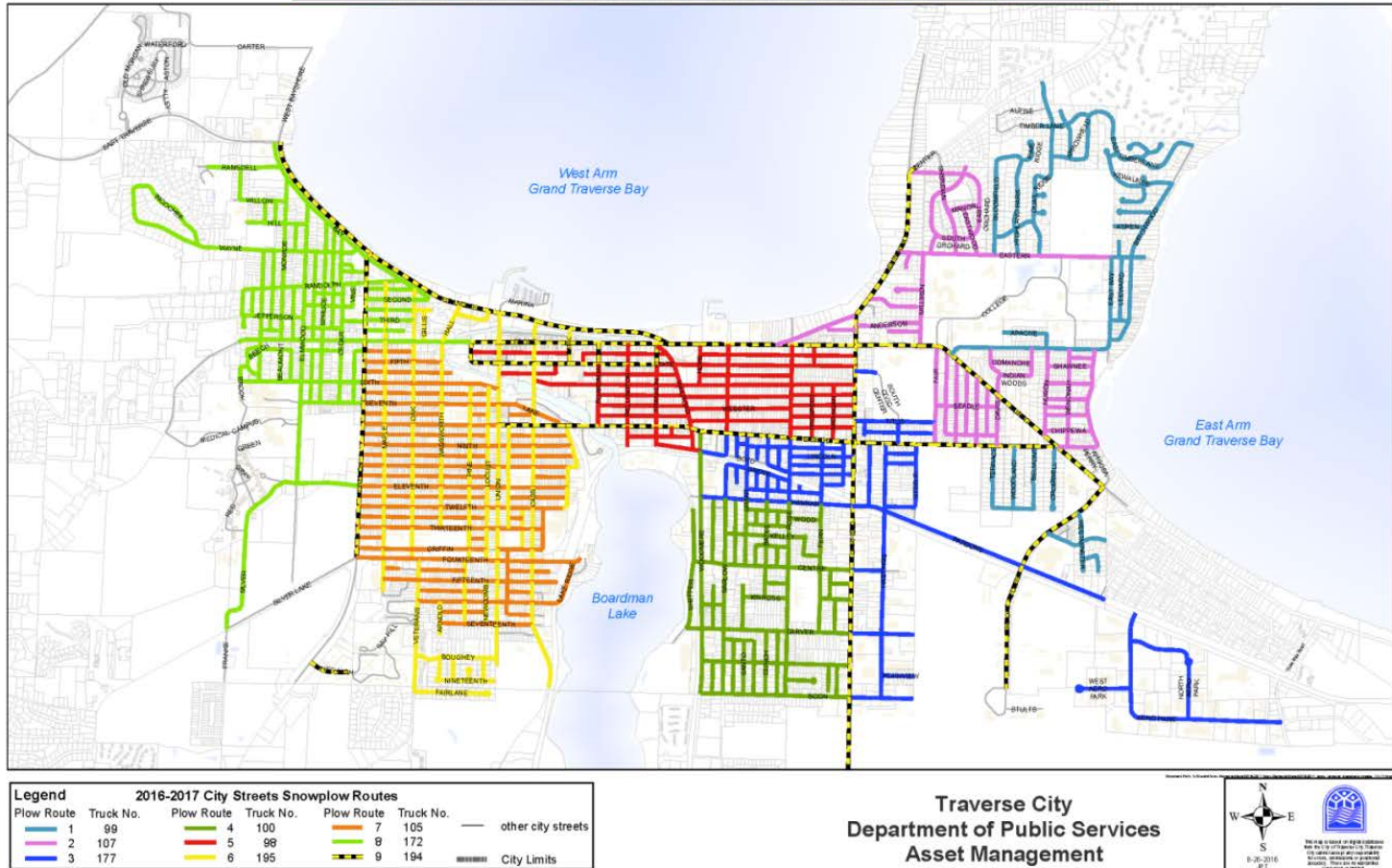
- 1 superintendent
- 1 crew supervisor
- 13 equipment operators
- 5 sidewalk blower operators
 - 2 from other departments
 - 3 seasonal/part time
- 1 contractor for equipment and manpower support in the downtown core area

Snow Removal Route Lengths

- Miles of MDOT Trunkline – 6.4 miles
- Major Streets – 30.2 miles
- Local Streets – 49.9 miles
- Alleys – 21.9 miles
- Sidewalks – 75 miles
- Non-motorized Trails – 9 miles

Snow Removal Route Map

2016-2017 CITY STREETS SNOWPLOW ROUTE MAP



9 routes on day shift

2 persons on afternoon shift to maintain emergency routes

2 persons on midnight shift

Downtown Snow Removal Procedure



The highlighted areas on the map are the core of our downtown area. Within this area all snow has to be removed from the sidewalks and streets, and half of the parking lots. We hire a contractor for equipment and manpower support.

City loader with blower and contractor's lead

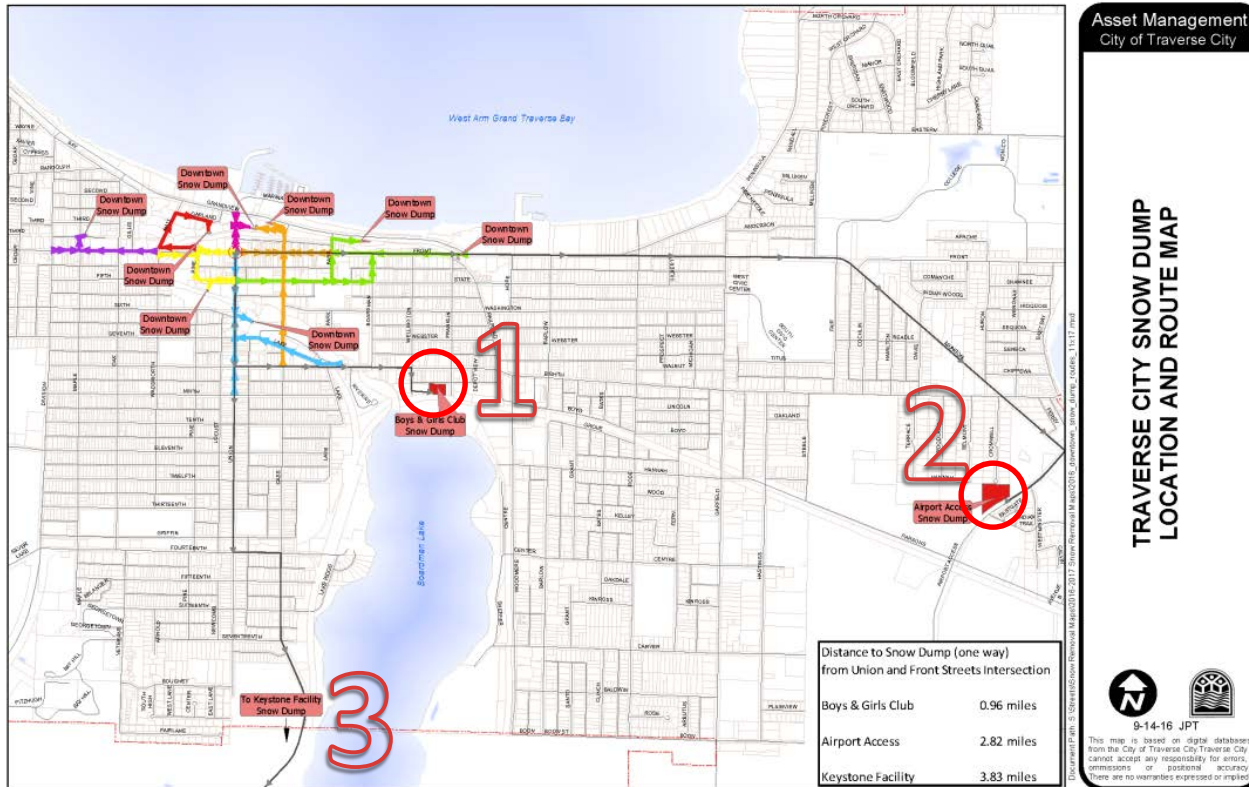


Oshkosh All-Wheel Drive and All-Wheel Steer



Prepare your snow
dumps in the fall.
Look for soft spots.
Tighten up with gravel.
This can be crucial if
your leads start to
get stuck.

Downtown Snow Dump Procedure



When we have lighter snowfall events, we use loaders with snow pushers instead of the big blower. This snow is pushed to temporary dump sites in downtown parking lots. These lots have a light demand for parking so we have a little time to haul.

New Garland Street

Decorative Stamped Colored Concrete



New Garland Street Decorative Stamped Colored Concrete



Typical temporary parking lot snow dump.



We can store snow temporarily in downtown parking lots. This is snow pushed from the streets when an event is too light to make use of the big blower and leads.

Boys and Girls Club (Wellington Street site)



BEFORE
0.96 miles one way
1.09 acres

Boys and Girls Club (Wellington Street site)



AFTER

Airport Access Road Snow Dump



BEFORE
2.82 miles one way
3.20 acres

Airport Access Road Snow Dump



AFTER

Keystone Road Snow Dump



BEFORE
3.83 miles one way
30+ acres

Keystone Road Snow Dump



AFTER

Snow Dump History and Future Plans

Years ago we had a site that was perfect, right on the City/County line. It was the only dump we used and we never filled it. It was private. When it went up for sale, the Streets Department tried to persuade the City to purchase it but this was turned down.

Our closest site is the Boys and Girls Club on Wellington Street. The property, containing a large structure, has been sold. We might be able to continue to use this site for the next 1 – 2 years.

The site on Airport Access Road is City property designated for use by the Cemetery for expansion. This property has also been proposed to be put up for sale in the future.

Snow Melt System the answer?



We are having a difficult time convincing people of the importance of keeping these close-in snow dump locations.

We are planning on looking into the costs of snow melting equipment. If you have used it or know someone who has, please contact me.

