



Winter Maintenance Guide



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1. Winter Maintenance Guide

This winter maintenance guide has been created to assist residents and staff to better understand the winter operations of the Township of Hamilton Public Works Department.

Winter maintenance follows a specific standard of maintenance set by the Provincial Government. To review these guidelines, please review the [Minimum Maintenance Standards For Municipal Highways](#).

1.1. Equipment Information and Responsibilities

Each truck / route is responsible for approximately 38 centerline line kilometers, which equals 76 kilometers of roadway when plowing, with the average speed of 40 km/h. When abrasive material is being applied (i.e. Sanding) the rate of material applied typically is 500 kg / kilometer and each truck carries 12,000 kg, therefore it takes approx. one and a half loads of sand to complete a route. During a winter event, it takes approximately, 4 hours to sand a route and if snow removal (i.e. Plowing) is needed and depending on the accumulation, it can take 5-7 hours to complete the entire route.

1.2. Staff Information

- 1 Manager of Road Operations
- 1 Supervisor of Roads
- 1 Administrative Assistant
- 1 Mechanic
- 1 Part Time Mechanic
- 11 Operators
- 1 Nighttime Patroller

1.3. Hours of Operation

Public Works staff operate the following hours:

Day Shift:

Monday to Thursday 6:45am – 4pm
Friday 6:45am – 11:45am

Night Shift:

Monday to Friday 11pm – 7am

Staff are available outside of these hours for winter weather events and emergencies. There are staff monitoring the weather closely and will determine staffing needs for winter weather and emergencies.

After-hours Emergency phone number 905 342 2810 ex 3



2. Plow Route Information

Equipment Information			
Equipment	Vehicle Number	Route Number	Remarks
International Dump Truck	20-47	Route 1	
International Dump Truck	20-52	Route 2	
International Dump Truck	20-44	Route 3	
International Dump Truck	20-54	Route 4	
International Dump Truck	20-41	Route 5	
International Dump Truck	20-55	Route 6	
International Tandem Axle	20-50	Route 7	
International Dump Truck	20-57	Route 8	
Additional Equipment			
Chev 4x4 Pick Up	20-04		Plow and Sander
Chev 4x4 Pick Up	20-05		Plow and Sander
Champion Grader 740	20-11		Plow and Wing
Liebherr Loader	20-19		
John Deere Loader	20-36		
Sand and Storage Facilities			
Location	Sand Storage Capacity	Salt Storage Capacity	Remarks
Township of Hamilton	8,000 mt	250 mt	

The abrasive material used for winter road maintenance is a prepared sand–salt mixture stored at the Public Works Building, located at 8305 Majestic Hills Drive. This mixture is composed of approximately 90% sand and 10% treated salt, a ratio selected to provide an effective balance between traction and ice-melting capability.

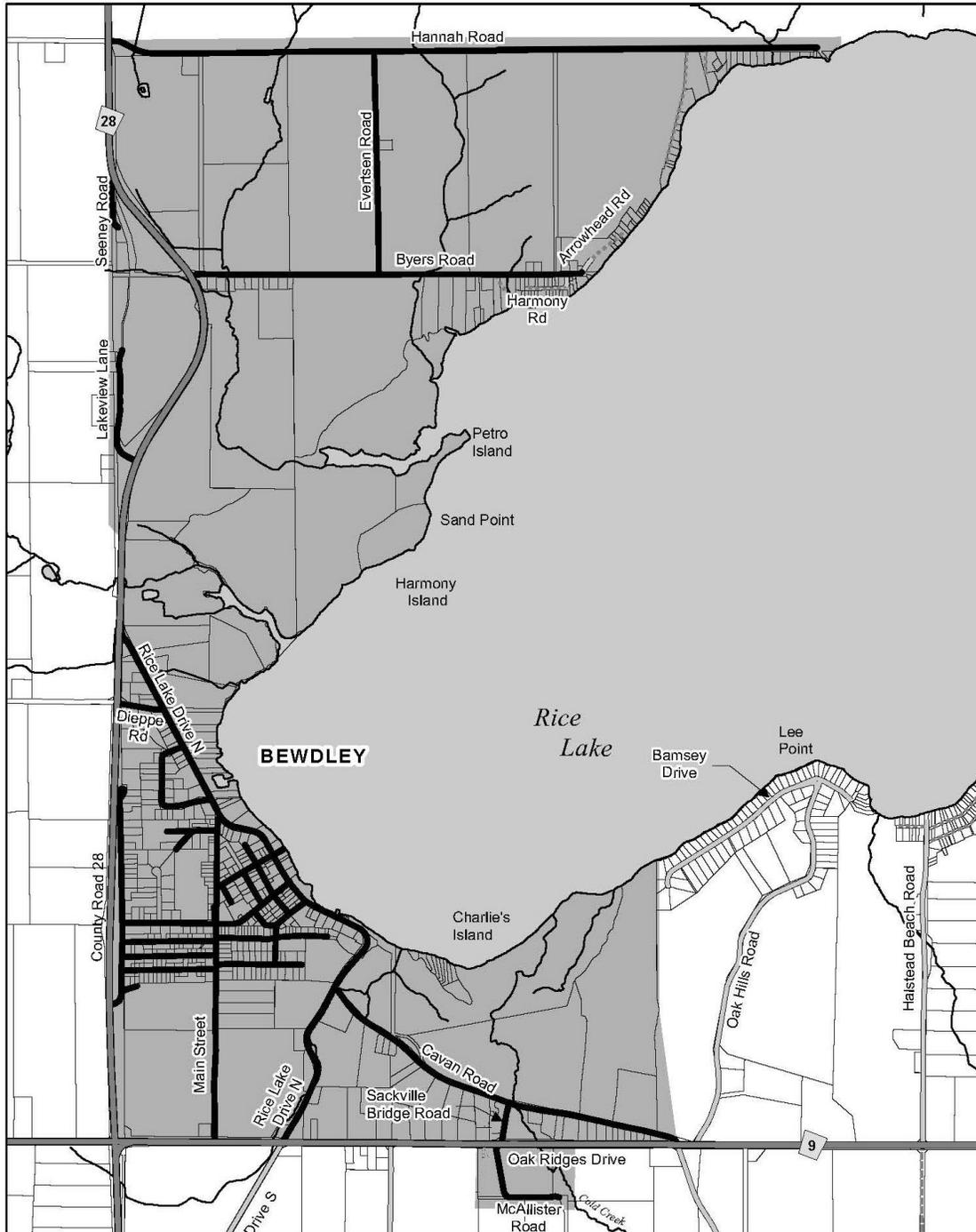
The sand component helps improve vehicle traction on icy or snow-packed roads by creating friction on the surface. The treated salt, although a smaller portion of the blend, plays a critical role in enhancing the material’s overall performance. Treated salt is specially processed to work effectively in extremely cold temperatures where traditional salt begins to lose its melting power. It also adheres more readily to roadway surfaces, reducing scatter from traffic and wind and ensuring that more of the product remains where it is needed. Additionally, the treated salt activates quickly once applied, helping to break down ice and improve driving conditions in a shorter amount of time.

This sand–salt mix provides a reliable and efficient solution for maintaining safer roadways throughout the winter season.



3. Plow Route 1 Information and Map

Equipment	Vehicle Number	Route Number
International Dump Truck	20-47	Route 1





3.1. Plow Route 1 Road Names

Roads are listed in alphabetical order, not in order of operation.

- Ainley Road
- Allan Road
- Arrowhead Road
- Beech Street
- Boulton Street
- Boundary Road
- Brisbin Road
- Byers Road
- Cavan Road
- Chapel Street
- Dieppe Road
- Evertsen Road
- Hannah Road
- Hunter Street
- Lake Street
- Lakeview Lane
- Main Street
- McAllister Road
- Mill Street
- Oak Street
- Pine Street
- Poplar Drive
- Rice Lake Drive N
- Ridge Road
- Sackville Road
- Seeney Road
- Sidey Drive
- Valleyview Cres
- Waverly Street



4.1. Plow Route 2 Road Names

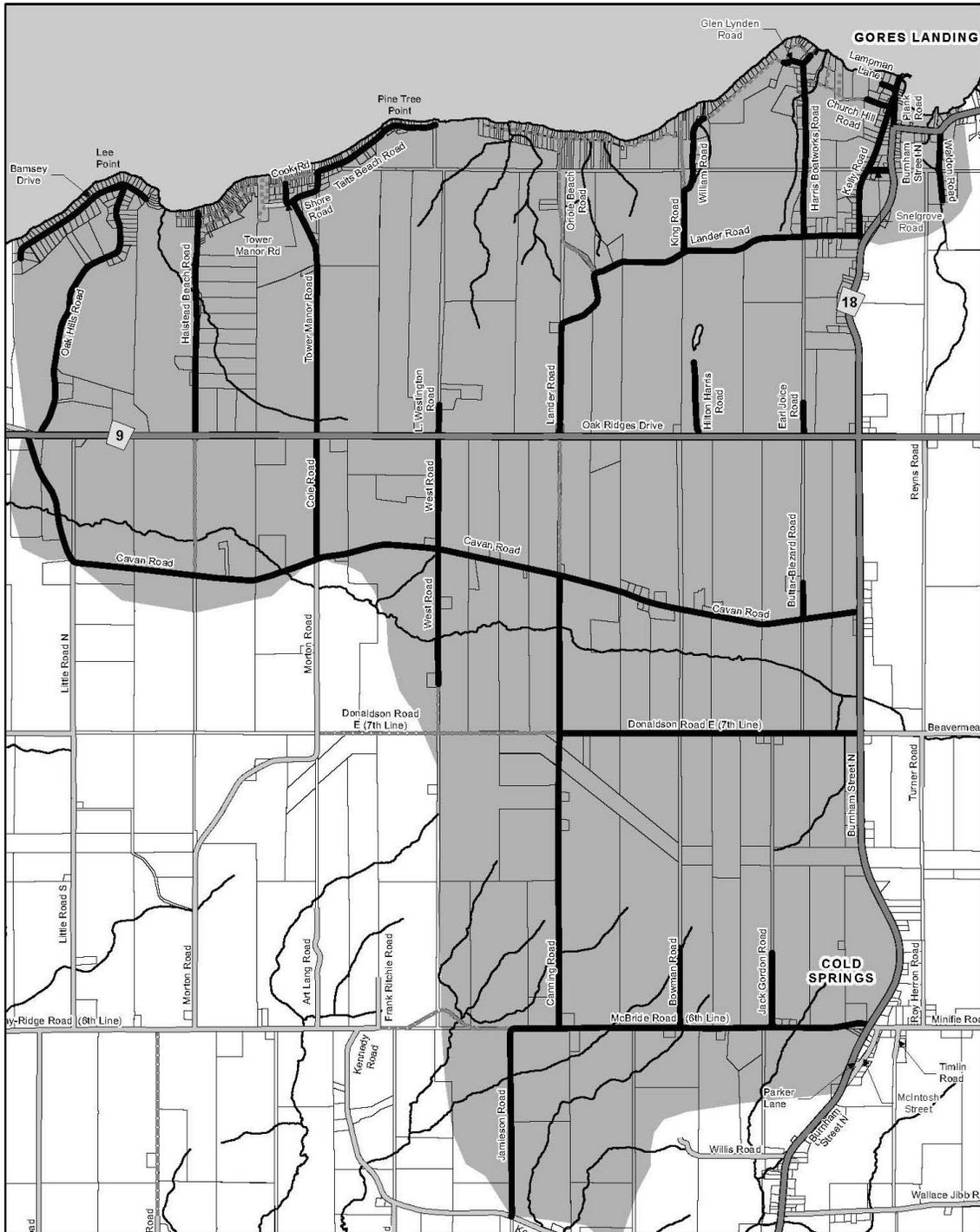
Roads are listed in alphabetical order, not in order of operation.

- Art Lang Road
- Benson Road
- Bethel Grove Road
- Donaldson Road W
- Frank Richie Road
- Gibb Road
- Glen Gavel Road
- Irving Goheen Road
- Kennedy Road
- Little Road
- Morton Road
- Mulder Road
- Percy Rose Road
- Rice Lake Drive S
- Rowe Road
- Spring Road
- Vic Lightle Road
- Vimy Ridge Road
- Whitney Howard Road
- Winnifred Goheen Road



5. Plow Route 3 Information and Map

Equipment	Vehicle Number	Route Number
International Dump Truck	20-44	Route 3





5.1. Plow Route 3 Road Names

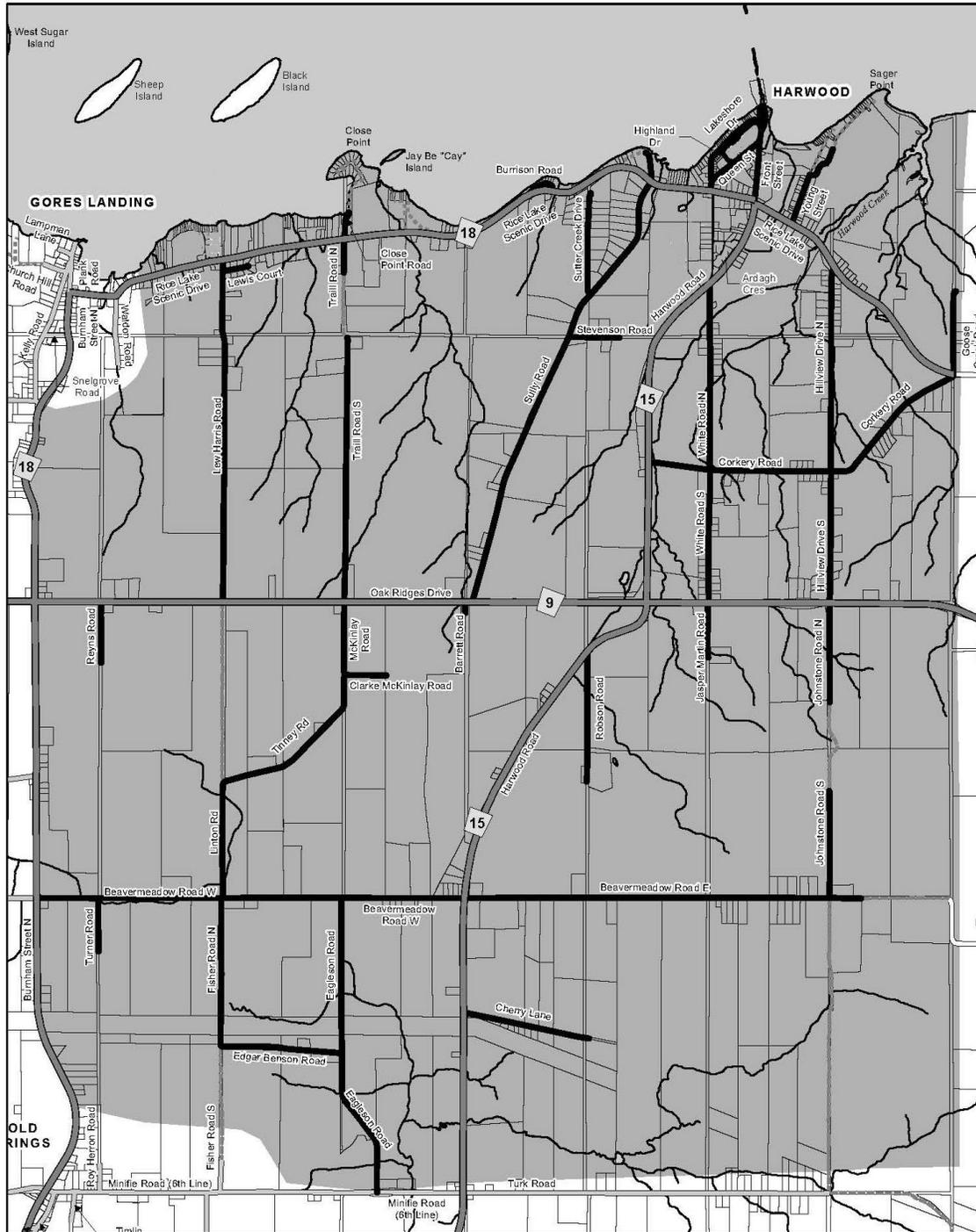
Roads are listed in alphabetical order, not in order of operation.

- Bamsey Drive
- Bowman Road
- Buttar-Blezzard Road
- Canning Road
- Cavan Road
- Church Hill Road
- Cole Road
- Cook Road
- Donaldson Road E
- Earl Joice Road
- Glen Lynden Road
- Halstead Beach Road
- Harris Boat Work Road
- Hilton Harris Road
- Jack Gordon Road
- Jamieson Road
- Kelly Road
- King Road
- L Westington Road
- Lander Road
- McBride Road
- Oak Hills Road
- Plank Road
- Shore Road
- Snelgrove Road
- Taits Beach Road
- Tower Manor Road
- Waldon Road
- West Road
- William Street



6. Plow Route 4 Information and Map

Equipment	Vehicle Number	Route Number
International Dump Truck	20-54	Route 4





6.1. Plow Route 4 Road Names

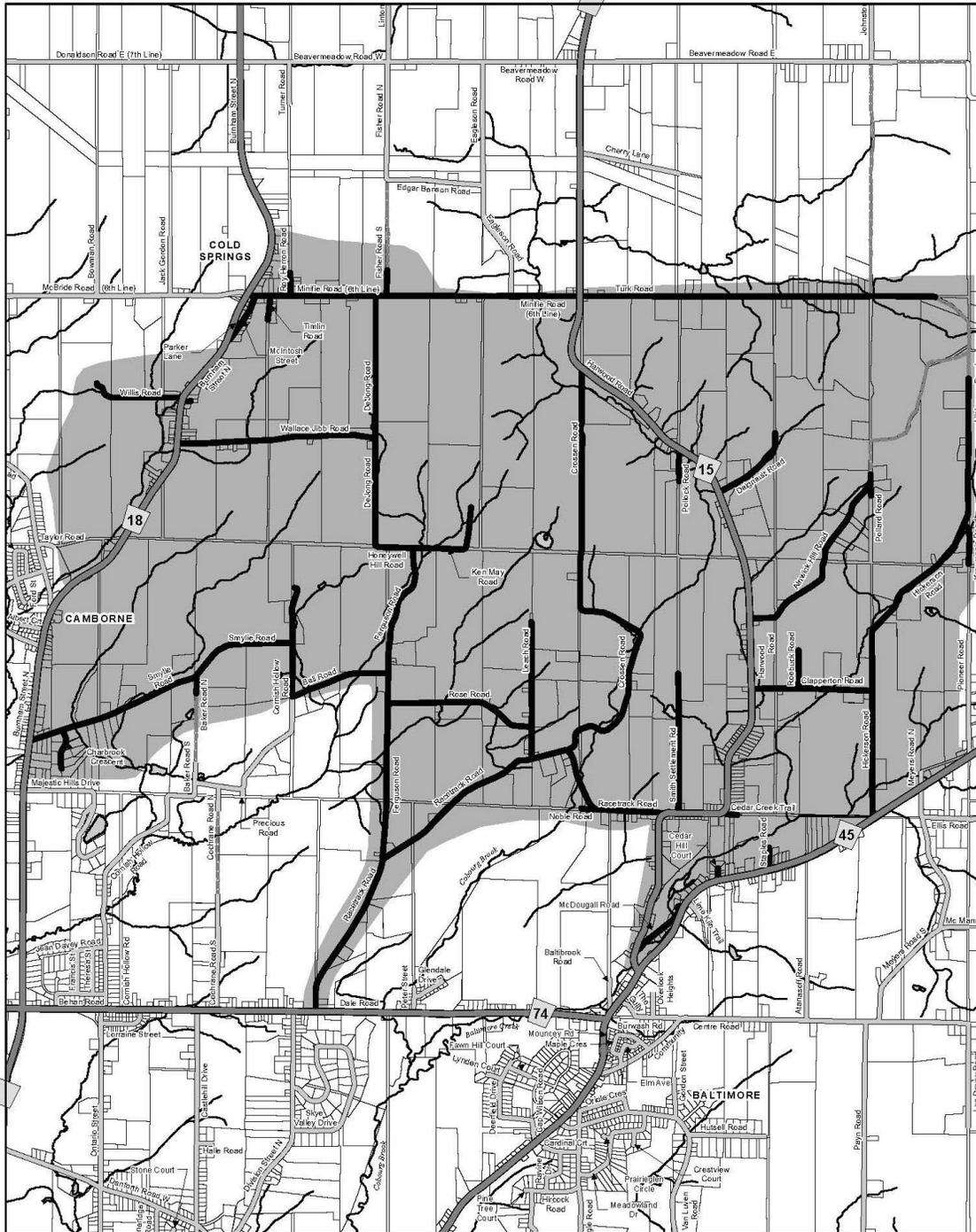
Roads are listed in alphabetical order, not in order of operation.

- Ardagh Crescent
- Barrett Road
- Beavermeadow Road E
- Beavermeadow Road W
- Burrison Road
- Cherry Lane
- Clark McKinlay Road
- Close Point Road
- Corkey Road
- Eagleson Road
- Edgar Benson Road
- Fisher Road N
- Front Street
- Goose Creek Road
- Highland Drive
- Hillview Road N
- Hillview Road S
- Jasper Martin Road
- Johnstone Road N
- Johnstone Road S
- Lakeshore Drive
- Lew Harris Road
- Lewis Court
- Linton Road
- McFarland Road
- McKinley Road
- Old Schoolhouse Road
- Queen Street
- Railway Road
- Robson Road
- Rynes Road
- Stevenson Road
- Sully Road
- Sutter Creek Road
- Tinney Road
- Trail Road N
- Trail Road S
- Turner Road
- White Road N
- White Road S
- Young Street



7. Plow Route 5 Information and Map

Equipment	Vehicle Number	Route Number
International Dump Truck	20-41	Route 5





7.1. Plow Route 5 Road Names

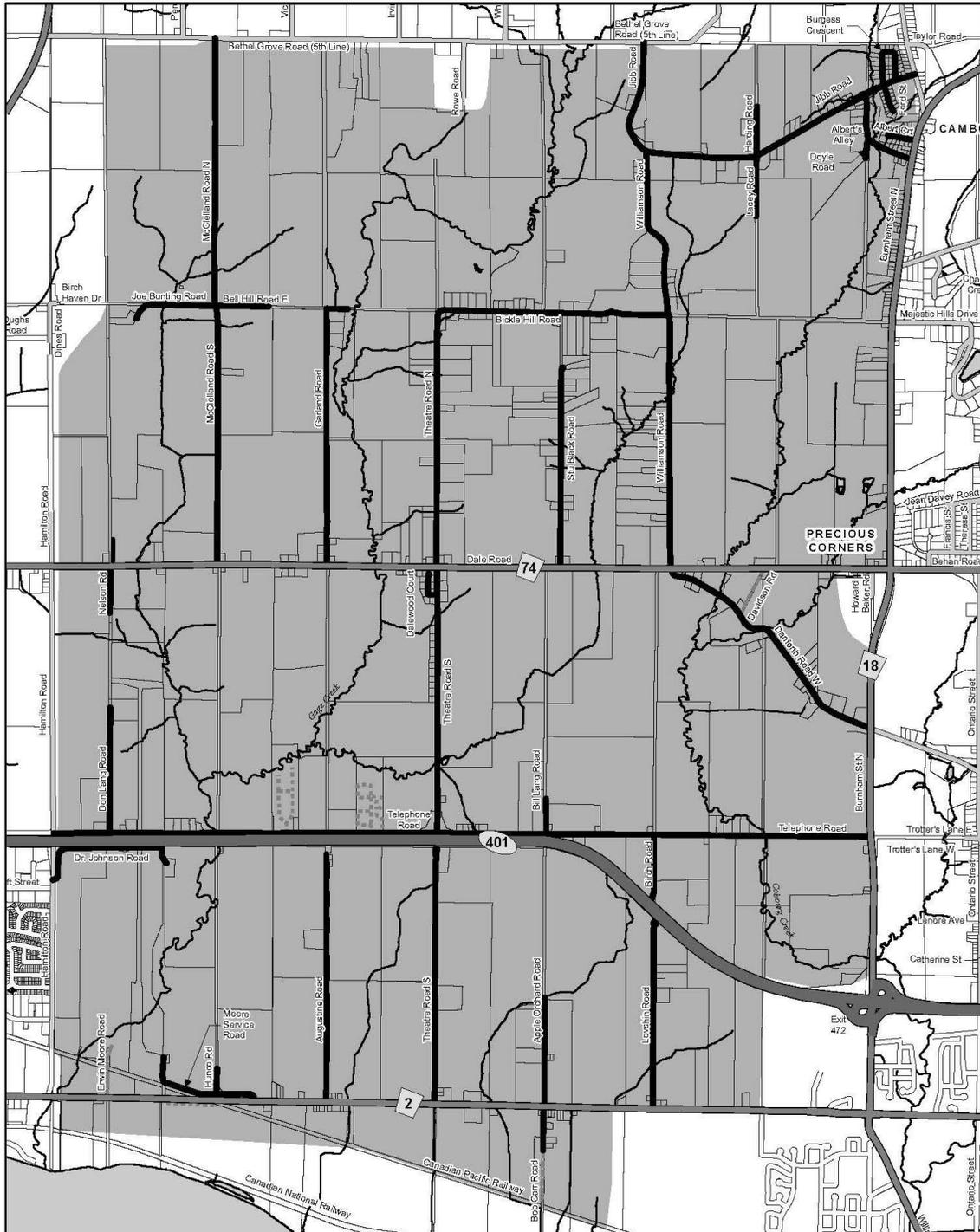
Roads are listed in alphabetical order, not in order of operation.

- Alnwick Hill Road
- Baker Road N
- Ball Road
- Cedar Creek Road
- Cedar Hill Road
- Charbrook Cres
- Clapperton Road
- Cornish Hollow Road
- Crossen Road
- Daignault Road
- DeJong Road
- Ferguson Road
- Fire Route (Pine Tree)
- Fisher Road S
- Hickerson Road
- Honeywell Hill Road
- Ken May Road
- Kraumaus Road
- Leach Road
- Lime Kiln Trail
- McIntosh Road
- McDougall Road
- Minifie Road
- Noble Road
- Parker Lane
- Pollard Road
- Pollock Road
- Racetrack Road
- Roe Buck Road
- Rose Road
- Roy Herron Road
- Smith Settlement Road
- Smylie Road
- Staples Road
- Timlin Road
- Turk Road
- Wallace Jibb Road
- Willis Road



8. Plow Route 6 Information and Map

Equipment	Vehicle Number	Route Number
International Dump Truck	20-55	Route 6





8.1. Plow Route 6 Road Names

Roads are listed in alphabetical order, not in order of operation.

- Albert Alley
- Albert Court
- Apple Orchard Road
- Augustine Road
- Bell Hill Road E
- Bell Hill Road W
- Bickle Hill Road
- Bill Lang Road
- Birch Road
- Bob Carr Road
- Burgess Cres
- Dalewood Court
- Danforth Road W
- Davidson Road
- Don Lang Road
- Doyle Road
- Dr Johnson Road
- Ford Street
- Garland Road
- Harding Road
- Hunco Road
- Jibb Road
- Joe Bunting Road
- Lacey Road
- Lovshin Road
- McClelland Road N
- McClelland Road S
- Moore Service Road
- Nelson Road N
- Nelson Road S
- Stu Black Road
- Telephone Road
- Theatre Road
- Williamson Road



9.1. Plow Route 7 Road Names

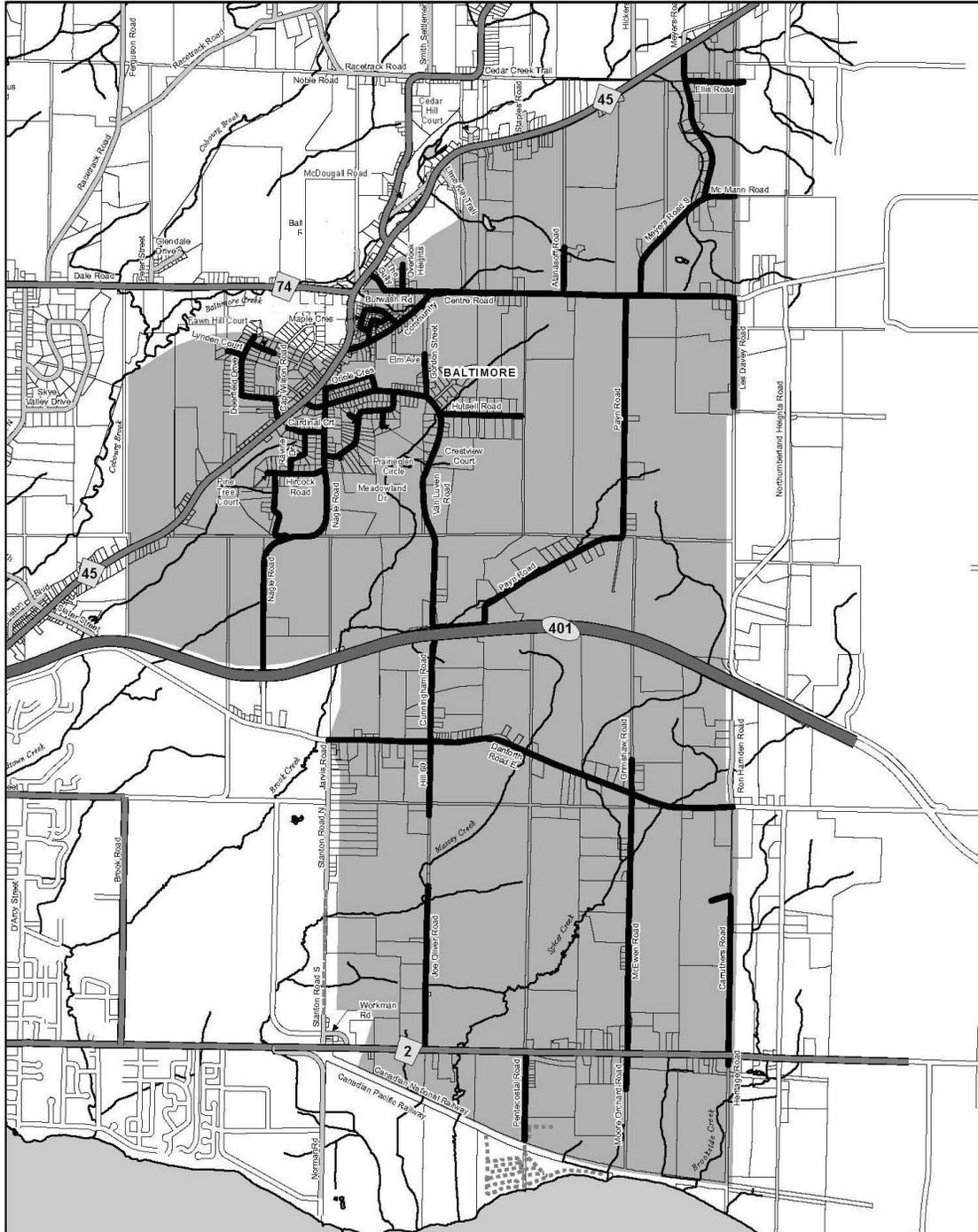
Roads are listed in alphabetical order, not in order of operation.

- Baker Road S
- Behan Road
- Carleton Boulevard
- Castle Hill Drive
- Catherine Street
- Cochrane Road N
- Cochrane Road S
- Cornish Hollow Road
- Danforth Road W
- Division Street
- Forest Glen Cres
- Forest Hills Drive
- Francis Street
- Glendale Drive
- Grandview Court
- Halle Road
- Haymur Street
- Howard Baker Drive
- Jean Davey Road
- June Avenue
- Lenore Avenue
- Lorraine Street
- Majestic Hills Drive
- Mouncey Road
- Oliver's Lane
- Ontario Street
- Paige Court
- Peter Street
- Precious Road
- Skyview Drive
- Slater Street
- Smylie Road
- Stone Court
- Stoneridge Road
- Sunrise Court
- Sunset Drive
- Theresa Street
- Trotter's Lane E
- Trotter's Lane W



10. Plow Route 8 Information and Map

Equipment	Vehicle Number	Route Number
International Dump Truck	20-57	Route 8





10.1. Plow Route 8 Road Names

Roads are listed in alphabetical order, not in order of operation.

- Atanasoff Road
- Burwash Road
- Cap Wilson Road
- Cardinal Crt
- Carruthers Road
- Community Centre Road
- Crestview Crt
- Cunningham Road
- Danforth Road E
- Deerfield Drive
- Ellis Road
- Elm Avenue
- Fawn Hill Drive
- Gordon Street
- Grimshaw Road
- Gully Road
- Heritage Road
- Hill 60
- Hircock Road
- Hutsell Road
- Joe Oliver Road
- Les Davey Road
- Lynden Crt
- Maple Cres
- McCarty Drive
- McEwen Road
- McMann Road
- Meadowland Drive
- Meyers Road S
- Moore Orchard Road
- Nagle Road
- Oriole Cres
- Overlook Road
- Paririeglen Cir
- Payn Road
- Pentecostal Road
- Pine Tree Crt
- Ravine Drive
- Van Luven Road



11. Small Truck Routes

Locations	Locations
Baltibrook Road (off County Road 45)	Sackville Bridge
Baltimore Firehall - 2598 Van Luven Road	Sampling Station opp. 3450 Albert Alley Road
Bewdley Dock	Seeney Road at County Road 18
Bewdley Fire Hall	Shortt Street
Camborne Pumphouse	Spring Road
Carleton Road North End	Taylor Road
Church Hill Road	Tennis Court (County Road 9 and 18)
Cold Springs Hall Parking Lot	Water Tanks at Bewdley Rink
Cold Springs Memorial	Water Tanks at Minifie Road
Commuter Parking Lot (County Road 28 and 9)	Water Tanks in front of VMMC – Bewdley
Creighton Heights Water Pump House - 9235 Dale Road (County Road 74)	West end Bamsey Road at Oak Hills
East end and Centre of Bamsey Drive	William Road off Lander
Harmony Road	
Harwood Fire Hall	
Highland Drive	Cul-de-sacs / Wide areas
Kelly Road from Church Hill to Plank Intersection	Ravine Drive. X2
Kidd Street	Baltimore Arena
Lakeshore Road	Cardinal Court
Lampman Lane	Crestview Court
Maple Crescent - turn circle	Deerfield Drive, wide area
Maple Crescent – Wide Corners 36 and 42	Lynden Court, cul-de-sac
McFarland Road	Pine Tree Court
Minifie Road at County Road 18 – Fire Pumphouse	Prairieglen Circle
Mouncey Road (off County Road 45)	
Municipal Animal Service - 2363 Theatre Road	
Municipal Office Parking Lot	
Myers Road North (off County Road 45)	
Oak Hills at Bamsey	
Oak Street from Mill Street to the turn around	
Old Camborne School – Parking Lot	
Old School House Road at County Road 15	
Railway Road	
Ravine Drive – Wide Corners 6 and 9	