

# TOWNSHIP OF HAMILTON



Public Works Department  
WINTER MAINTENANCE

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## 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.

Each truck / route is responsible for approx. 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.

The Public Works Department for the Township of Hamilton consists of the following staff:

- 1 Manager of Public Works
- 1 Supervisor of Roads
- 1 Administrative Assistant
- 1 Mechanic
- 1 Part Time Mechanic
- 11 Operators
- 1 Night Time Patroller

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**

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](#).

## 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	

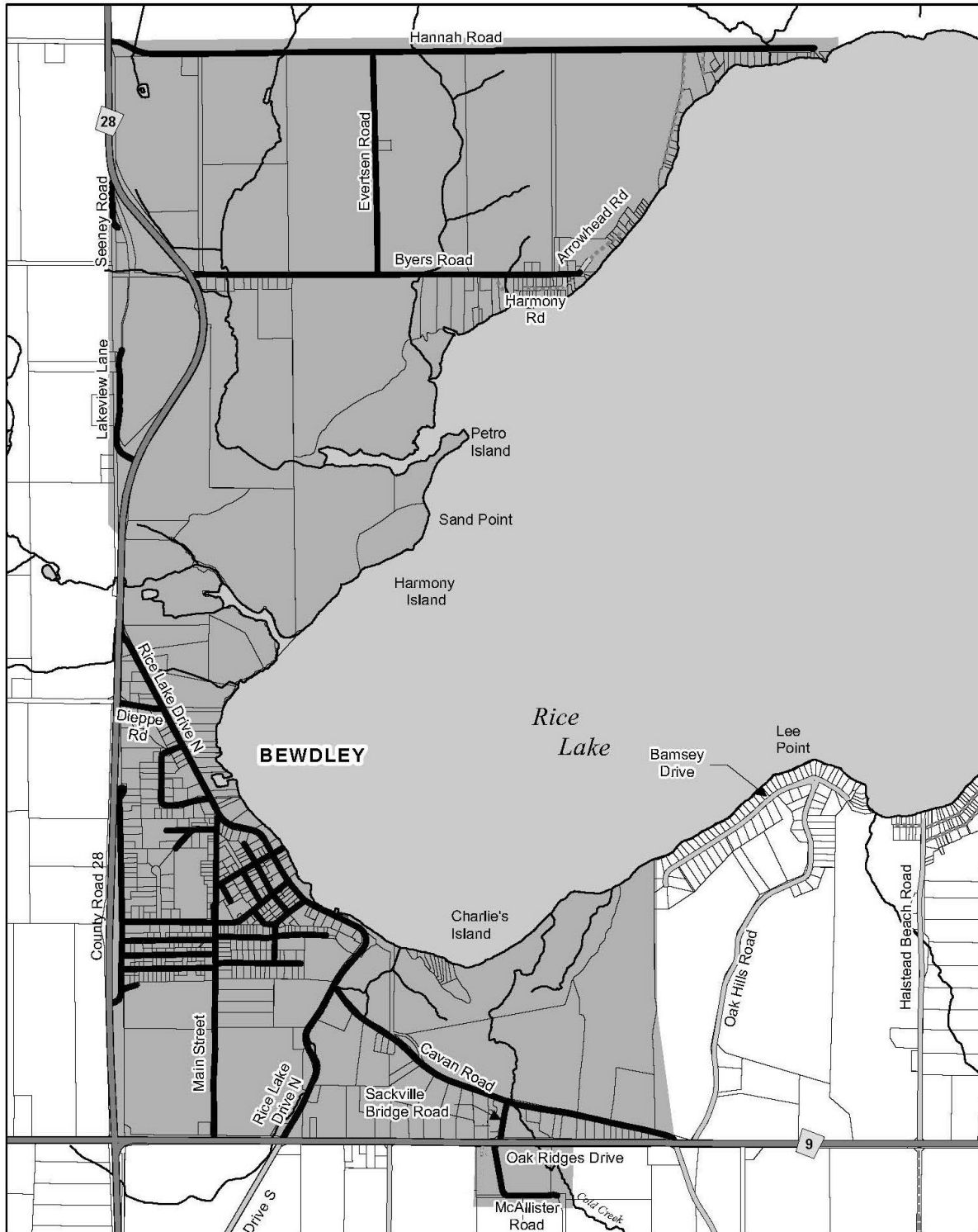
The abrasive material used for winter road maintenance is a prepared sand–salt mixture stored at the Public Works Building, located at 8305 Majestic Hills Drive. This mixture is composed of approximately 90% sand and 10% treated salt, a ratio selected to provide an effective balance between traction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

## Plow Route 1 Information and Map

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



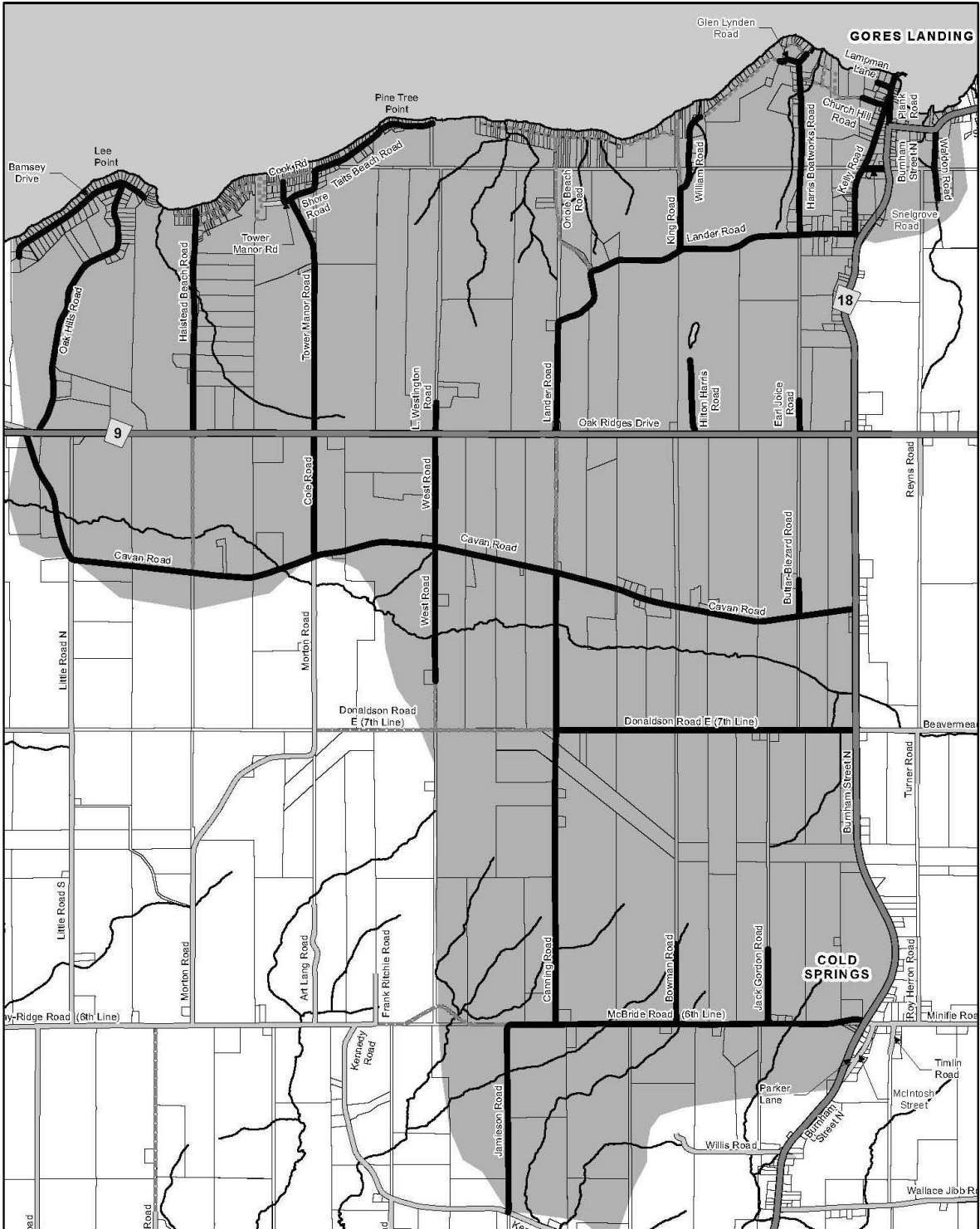
## Plow Route 2 Information and Map

Equipment	Vehicle Number	Route Number
International Dump Truck	20-52	Route 2



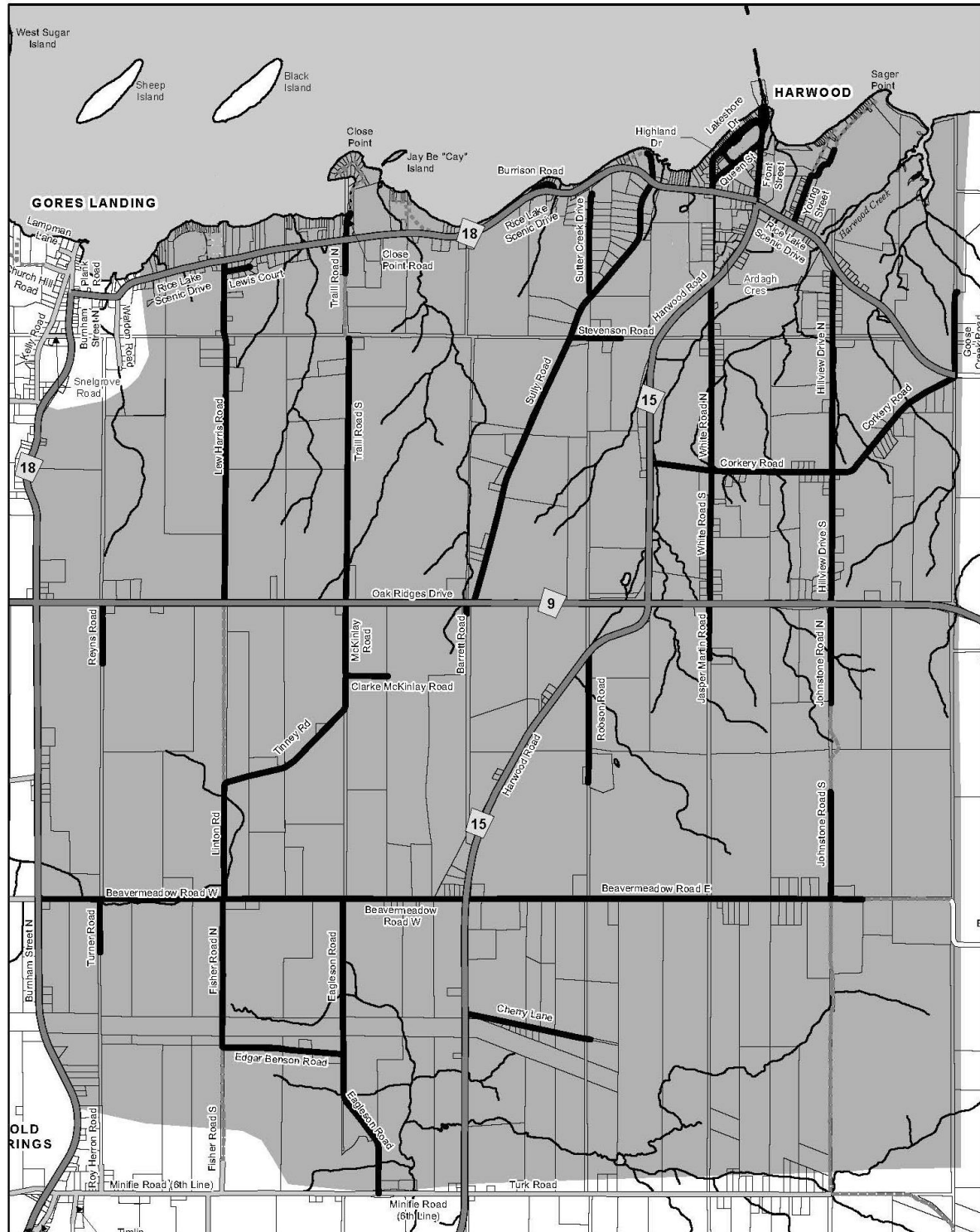
## Plow Route 3 Information and Map

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



## Plow Route 4 Information and Map

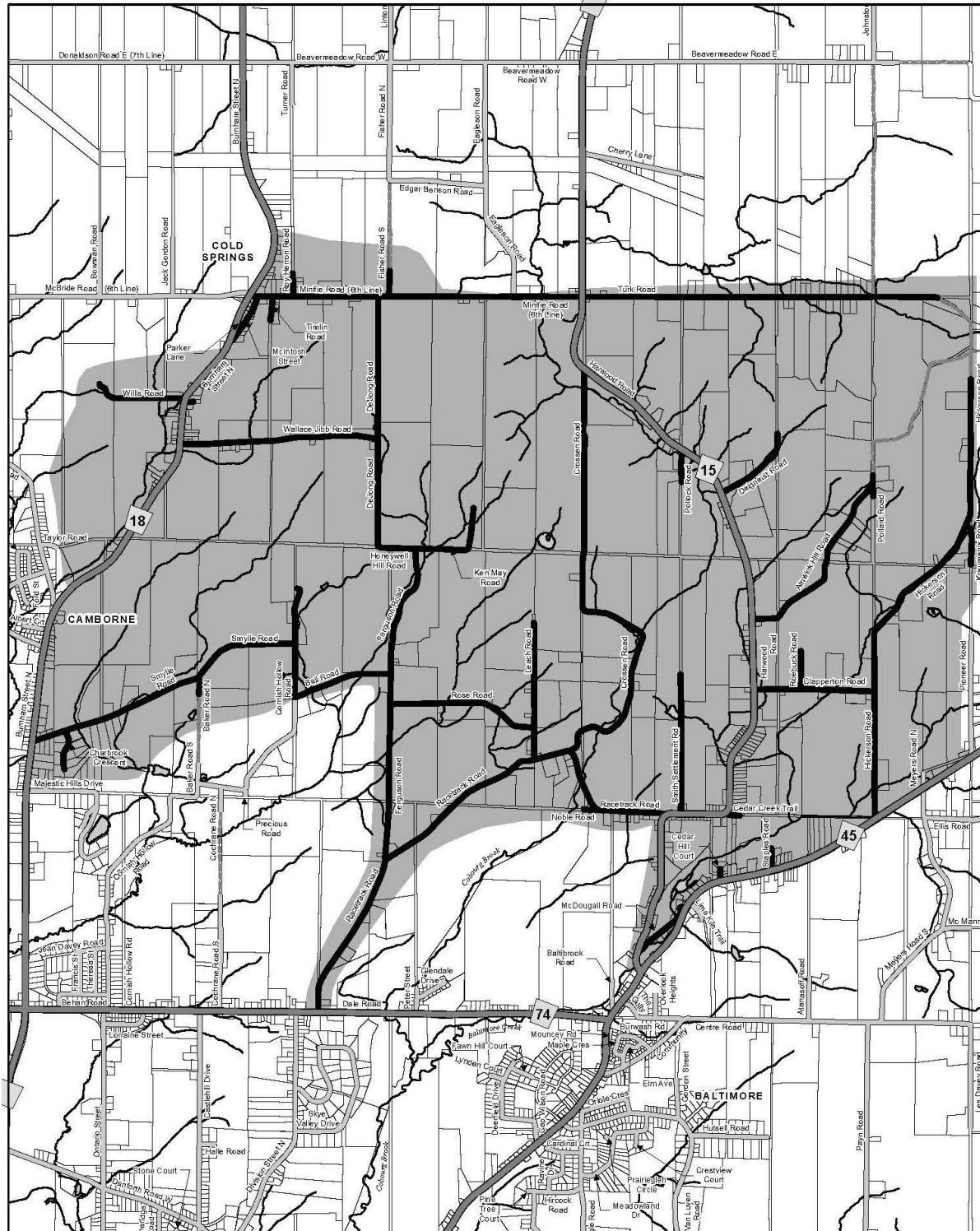
Equipment	Vehicle Number	Route Number
International Dump Truck	20-54	Route 4





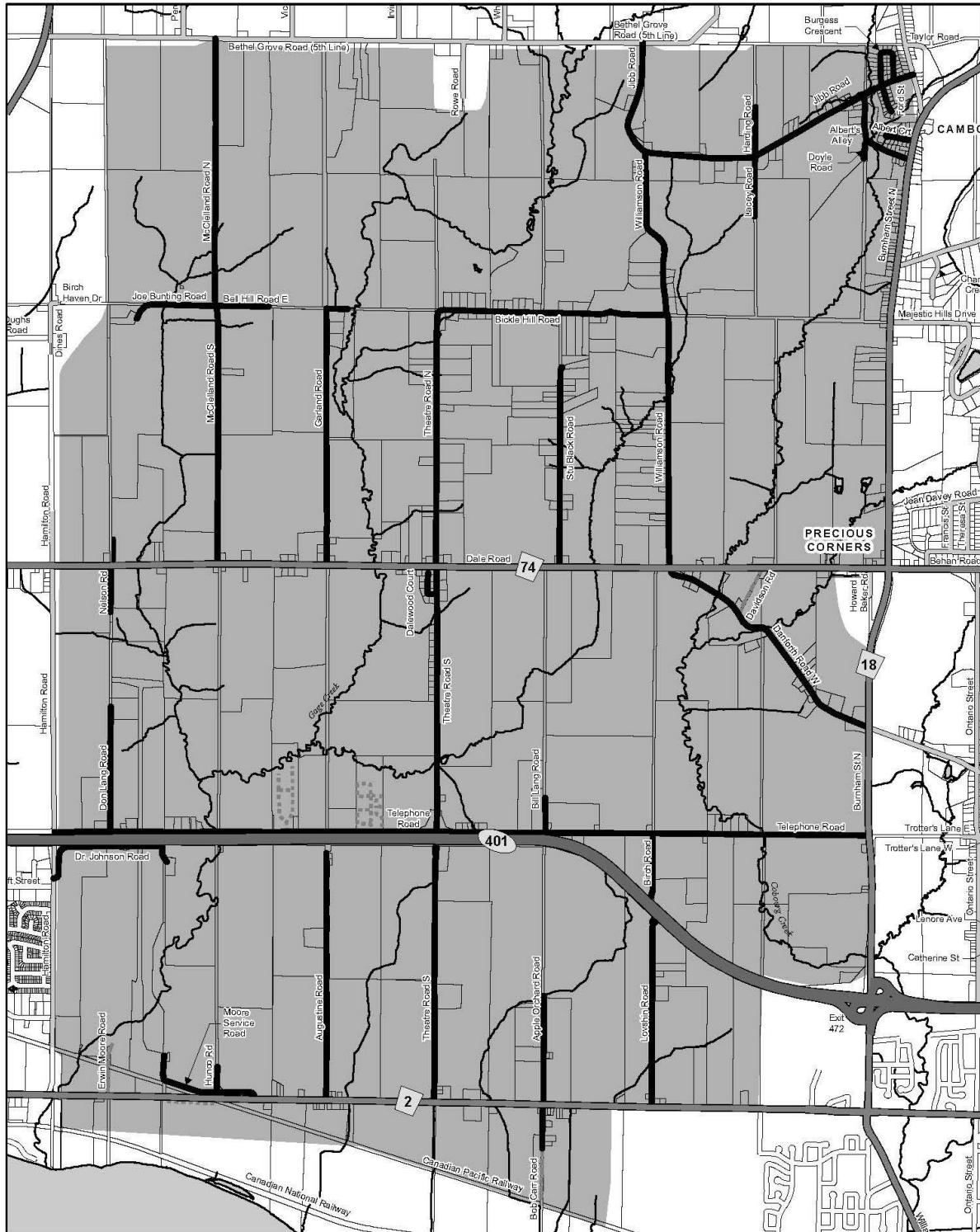
## Plow Route 5 Information and Map

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



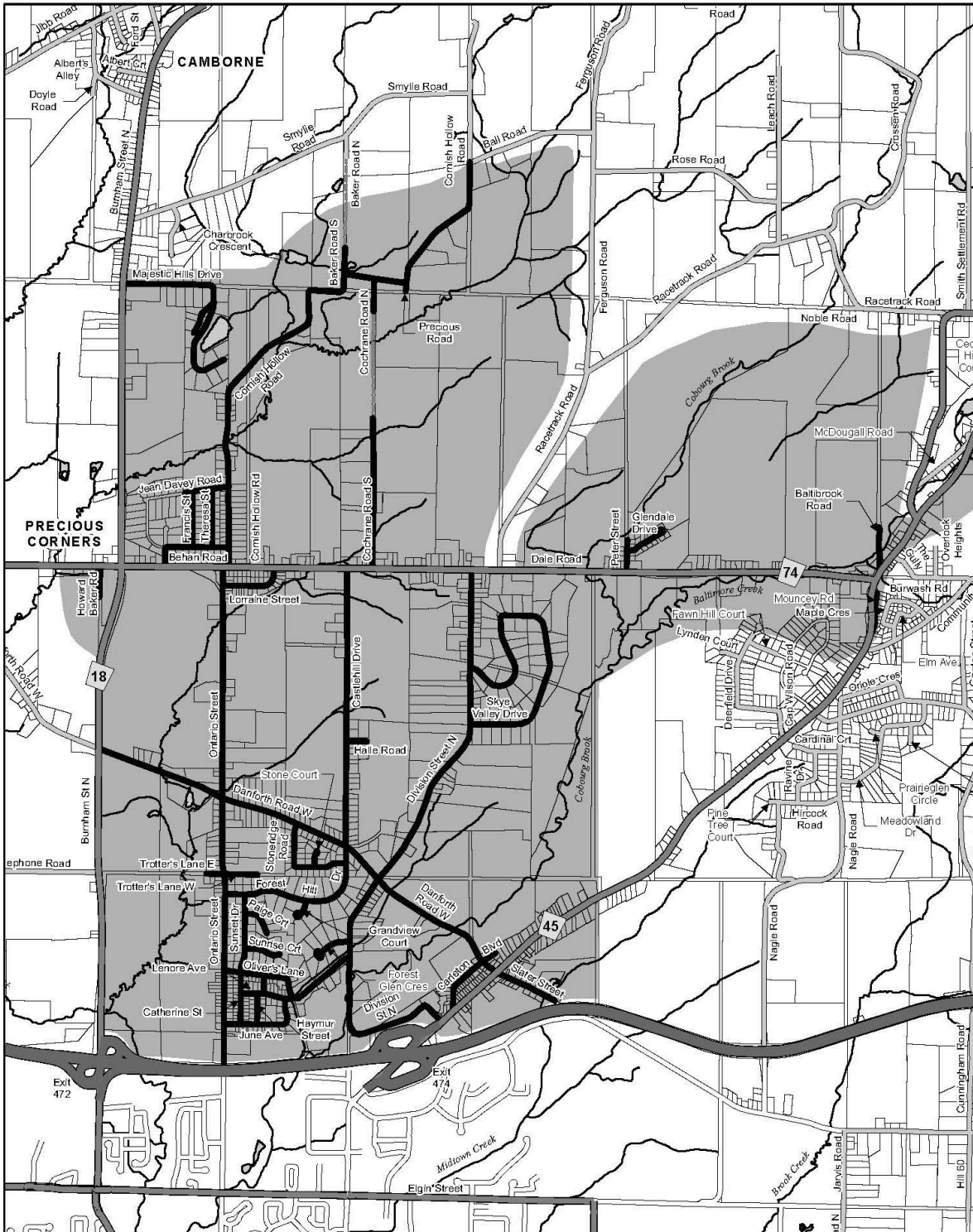
## Plow Route 6 Information and Map

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



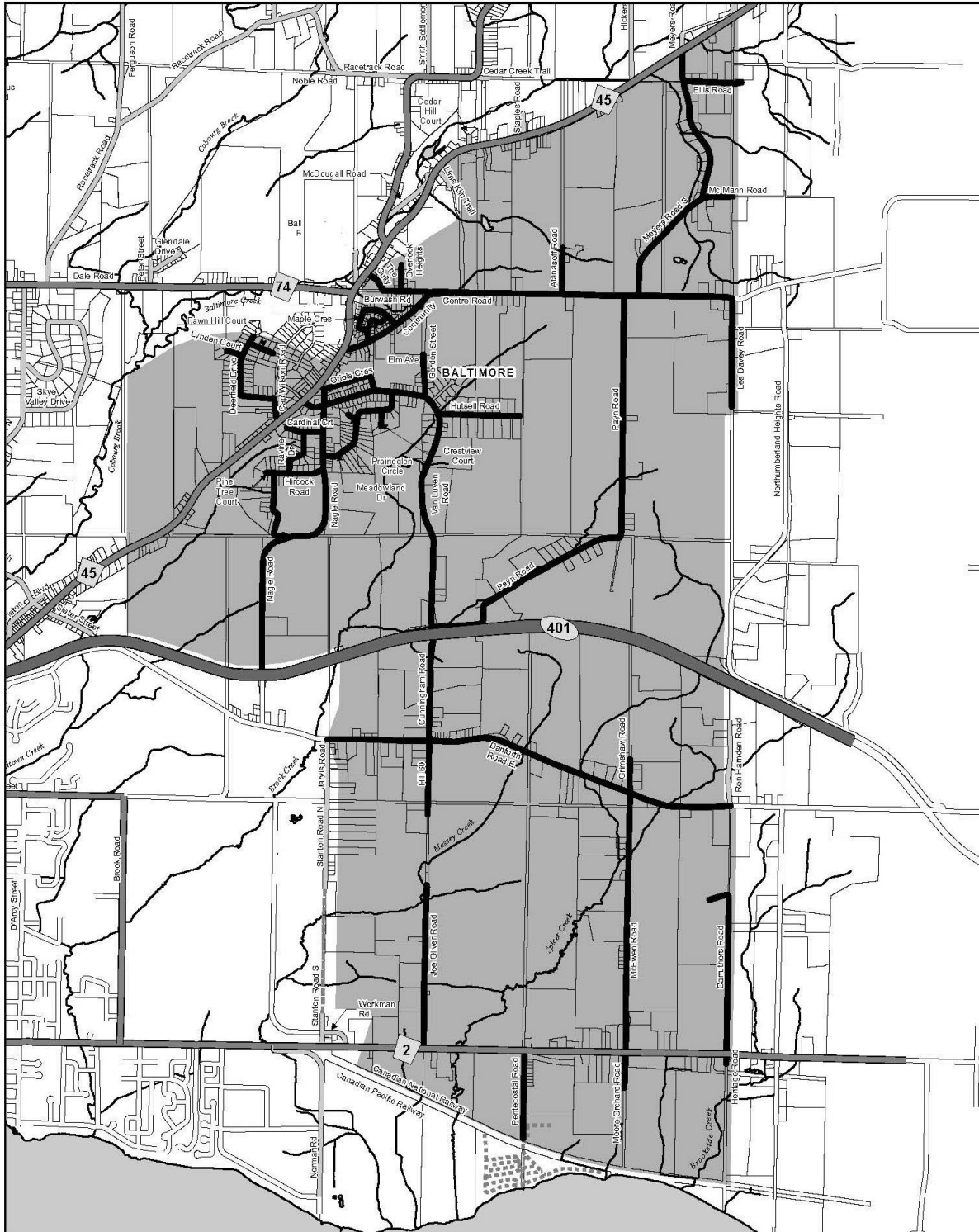
## Plow Route 7 Information and Map

Equipment	Vehicle Number	Route Number
International Tandem Axle	20-50	Route 7



## Plow Route 8 Information and Map

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



## Small Truck Routes

Locations	Locations
Baltibrook Road (off of 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 Dr	William Road off Lander
Harmony Road	
Harwood Fire Hall	
Highland Drive	<b>Cul-de-sacs / Wide areas</b>
Kelly Rd from Church Hill to Plank Intersection	Ravine Dr. X2
Kidd Street	Baltimore Arena
Lakeshore Road	Cardinal Court
Lampman Lane	Crestview Court
Maple Crescent - turn circle	Deerfield Dr, wide area
Maple Crescent – Wide Corners 36 and 42	Lynden Court, cul-de-sac
McFarland Road	Pine Tree Court
Minifie Rd at County Road 18 – Fire Pumphouse	Prairieglens Circle
Mouncey Road (off of County Road 45)	
Municipal Animal Service - 2363 Theatre Road	
Municipal Office Parking Lot	
Myers Road North (off of County Road 45)	
Oak Hills at Bamsey	
Oak St from Mill St 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	