

Clause 8 in Report No. 17 of Committee of the Whole was adopted, without amendment, by the Council of The Regional Municipality of York at its meeting held on November 19, 2015.

8

Load Restriction Revisions

Committee of the Whole recommends adoption of the following recommendations contained in the report dated October 23, 2015 from the Commissioner of Transportation Services:

1. Recommendations

It is recommended that:

1. Council authorize the enactment of a bylaw to restrict loads on Regional roads listed in Attachment 1.
2. Council delegate authority to the Commissioner of Transportation Services to implement, remove or temporarily exempt load restrictions, and that the Regional Clerk be authorized to amend the load restriction bylaw schedule accordingly.
3. Council repeal Bylaws R-1472-2007-086, as amended, 2010-34, R-1435-2006-014, as amended, R-704-82-12, R-1044-94-81, R1057-95-13, as amended, R-724-82-98, R-1024-94-14, as amended, and R-1171-1999-012, being Bylaws governing load restrictions on certain Regional roads and bridges.
4. The Regional Solicitor prepare the necessary bylaws.
5. The Regional Clerk circulate this report to the local Municipalities, York Regional Police and the Ministry of Transportation.

## 2. Purpose

This report recommends the enactment of a bylaw to restrict loads on certain Regional roads, and to delegate authority to the Commissioner of Transportation Services, to implement, remove and temporarily exempt load restrictions, as required.

## 3. Background

Load restrictions protect road pavement and structures from damage by heavy commercial vehicles

All Regional roads are intended to accommodate heavy commercial vehicles. However, many older rural roads were not designed or constructed to accommodate the increased road impacts of these vehicles. The purpose of a load restriction is to mitigate damage to roads that are not designed or constructed to accommodate heavy commercial vehicles. Load restrictions are implemented based on the structural design of a road and are different than truck restrictions, which are implemented to restrict heavy commercial vehicles for planning or operational reasons.

Regional bylaws regulate load restrictions on the Regional road network, in accordance with the Highway Traffic Act

The Highway Traffic Act allows municipalities to designate road sections and bridges within their jurisdiction with a maximum gross vehicle weight to ensure safe passage of motorists. Council has enacted a number of load restriction bylaws to account for:

- Year-round load restrictions – restricting per axle loading on certain Regional roads
- Spring load restrictions – restricting per axle loading between March 1 and April 30 every year, to account for spring thaw conditions when these roads are vulnerable to increased damage from heavy vehicles
- Bridge weight restrictions – restricting the gross weight of vehicles on bridges that do not have adequate capacity to carry certain vehicle loads

#### 4. Analysis and Options

Outdated load restrictions need to be removed on roads that have been reconstructed to accommodate heavy commercial vehicles

A number of road segments included in the existing load restriction bylaws, as shown in Attachment 3, have been reconstructed and no longer require load restrictions. Staff recommends repealing all existing load restriction bylaws and enacting a new bylaw for road segments that are subject to load restrictions, as identified in Attachment 1 and shown in Attachment 2.

Delegated authority is requested for the Commissioner of Transportation Services to implement and remove load restrictions

To protect the integrity of Regional roads and bridges, as well as public safety, delegated authority is being requested for the Commissioner of Transportation Services to implement and remove load restrictions as required. This would improve efficiency for staff and reduce administrative effort on Council.

Temporary load restriction exemptions are required to provide access to local areas for necessary services

The delegated authority for load restrictions would also include temporary load restriction exemptions required to provide access to local areas for necessary services. Temporary exemptions allow for moving trucks, large item deliveries, and smaller-scale construction activities for residents who live along load restricted roads. The temporary load restriction permit process is managed through the Corridor Control and Safety team as part of the Transportation Services Department. There is no charge for temporary load restriction exemptions for services to meet the needs of local residents such as moving trucks and deliveries. There are charges for temporary load restriction permits for larger commercial/construction activities (e.g. construction of a new development). Fees address the costs of repairing damage to the road and structures as a result of the temporary exemption.

Link to key Council-approved plans

This report supports Vision 2051, responding to the needs of our residents and promoting safety on York Region roads through effective policing, education and sensitive design.

5. Financial Implications

The cost associated with removing existing load restriction signs is included within the 2015 Transportation Services Operating Budget.

6. Local Municipal Impact

Local municipal staff have been advised and are in support of the proposed changes within this report.

7. Conclusion

Regional roads are intended to accommodate all traffic, including heavy commercial vehicles. Load restrictions are implemented to mitigate damage on Regional roads that are not designed or constructed to accommodate these increased loads. Outdated load restrictions on road segments which have been reconstructed need to be removed. Staff recommends repealing existing load restriction bylaws and enacting a new bylaw for road segments that are subject to load restrictions identified in Attachment 1.

Delegated authority is requested for the Commissioner of Transportation Services to implement, remove or temporarily exempt load restrictions which are managed through the existing Corridor Control permitting process.

For more information on this report, please contact Brian Titherington, Director, Roads and Traffic Operations at ext. 75901.

October 23, 2015

Attachments (3)

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Accessible formats or communication supports are available upon request

### Load Restrictions to Remain in Effect

Location	Restriction
<b>Kennedy Road</b> between Cole Road and Metro Road, in the Town of Georgina	Spring Load
<b>Keele Street</b> between 15th Sideroad and Lloydtown/Aurora Road, in the Township of King	Spring Load
<b>Park Road</b> between Highway 48 and Hedge Road, in the Town of Georgina	Spring Load
<b>Major Mackenzie Drive</b> between Markham Bypass and York/Durham Line, in the City of Markham	Spring Load
<b>Davis Drive</b> between Highway 48 and York/Durham Line, in the Town of Whitchurch-Stouffville	Spring Load
<b>2nd Concession Road</b> between Green Lane and Queensville Sideroad, in the Town of East Gwillimbury	Spring Load
<b>Bathurst Street</b> between Green Lane and Yonge Street, in the Town of East Gwillimbury and Township of King	Spring Load
<b>Jane Street</b> between King Road and Davis Drive West, in the Township in King	Spring Load
<b>Victoria Road</b> between Ravenshoe Road and Lakeridge Road, in the Town of Georgina	Spring Load
<b>Weston Road</b> between King Road and Lloydtown/Aurora Road, in the Township of King	Spring Load
<b>Warden Avenue</b> between 700 metres north of Ravenshoe Road and Baseline Road, in the Town of Georgina	Spring Load
<b>Warden Avenue</b> between Stouffville Road and 1,000 metres south of Bloomington Road, in the Town of Whitchurch-Stouffville	Spring Load

Location	Restriction
<b>Ninth Line</b> between 1,000 metres north of Bloomington Road and Aurora Road, in the Town of Whitchurch-Stouffville	Spring Load
<b>Ninth Line</b> between Main St and Bloomington Road, in the Town of Whitchurch-Stouffville	Spring Load
<b>Vivian Road</b> between Highway 48 and York/Durham Line, in the Town of Whitchurch-Stouffville	Spring Load
<b>Metro Road</b> between Woodbine Avenue and Dalton Road, in the Town of Georgina	Spring Load
<b>Old Homestead Road</b> between Highway 48 and 1,000 metres east of Weir's Sideroad, in the Town of Georgina	Spring Load
<b>Old Homestead Road</b> between Metro Road and Warden Avenue, in the Town of Georgina	Spring Load
<b>Weir's Sideroad</b> between Ravenshoe Road and Old Homestead Road, in the Town of Georgina	Spring Load
<b>14th Avenue</b> between 9th line and York/Durham Line, in the City of Markham	Year Round
<b>15th Sideroad</b> between Keele Street and Bathurst Street, in the Township of King	Year Round
<b>16th Avenue</b> between Donald Cousens Parkway and York/Durham Line, in the City of Markham	Year Round
<b>18th Sideroad</b> between Dufferin Street and Bathurst Street, in the Township of King	Year Round
<b>19th Avenue</b> between Yonge Street and Leslie Street, in the Town of Richmond Hill	Year Round
<b>Bathurst Street</b> between Green Lane East and Morning Sideroad, in the Town of East Gwillimbury	Year Round

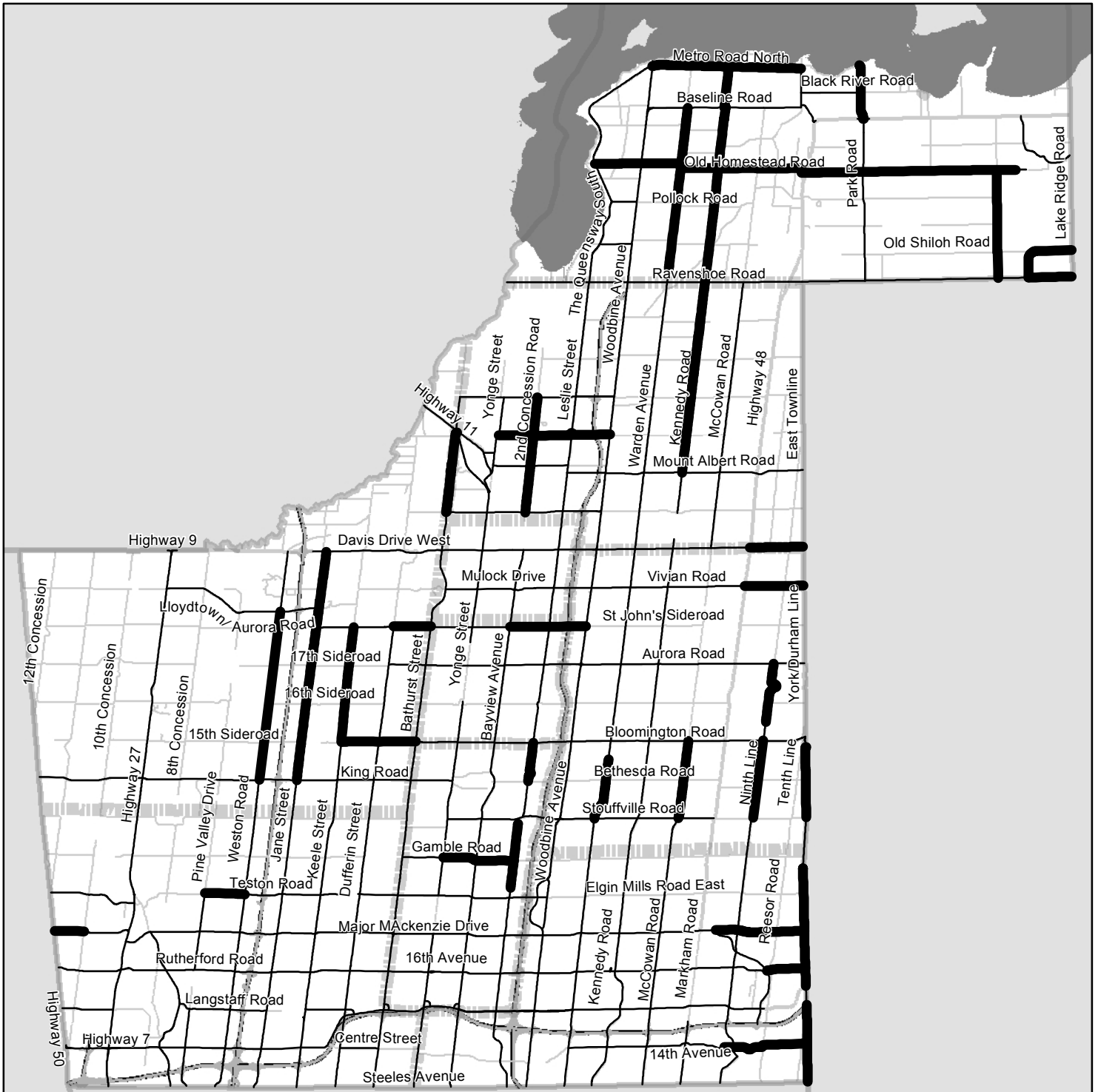
Location	Restriction
<b>Doane Road</b> between Yonge Street and Woodbine Avenue, in the Town of Georgina	Year Round
<b>Kennedy Road</b> between Mount Albert Road and Boag Road, in the Town of East Gwillimbury	Year Round
<b>Leslie Street</b> between 540 metres north of Elgin Mills Road and 30 metres south of Stouffville Road, in the Town of Richmond Hill	Year Round
<b>Leslie Street</b> between Bethesda Sideroad and Bloomington Road, in the Town of Richmond Hill	Year Round
<b>Major Mackenzie Drive</b> between Huntington Road and Highway 50, in the City of Vaughan	Year Round
<b>McCowan Road</b> between Stouffville Road and Bloomington Road, in the Town Whitchurch-Stouffville	Year Round
<b>Old Homestead Road</b> between Warden Avenue and Highway 48, in the Town of Georgina	Year Round
<b>Ravenshoe Road</b> between Victoria Road and Durham Road 23, in the Town of Georgina	Year Round
<b>St. John's Sideroad</b> between Bayview Avenue and Woodbine Avenue, in the Towns of Aurora and Whitchurch-Stouffville	Year Round
<b>Teston Road</b> between Pine Valley Drive and Weston Road, in the City of Vaughan	Year Round
<b>York/Durham Line</b> between Highway 7 and Durham Road 5, in the City of Markham	Year Round
<b>York/Durham Line</b> between Steeles Avenue and the 407 ETR, in the City of Markham	Year Round

Location	Restriction
<b>York/Durham Line</b> Between Stouffville Main Street and 600 metres south of Bloomington Road, in the Town of Whitchurch-Stouffville	Year Round

Note: All Spring Load restrictions apply from March 1 to April 30

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### Load Restrictions to Remain in Effect

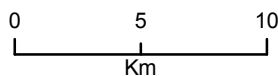
Load Restriction Revisions  
November 5, 2015

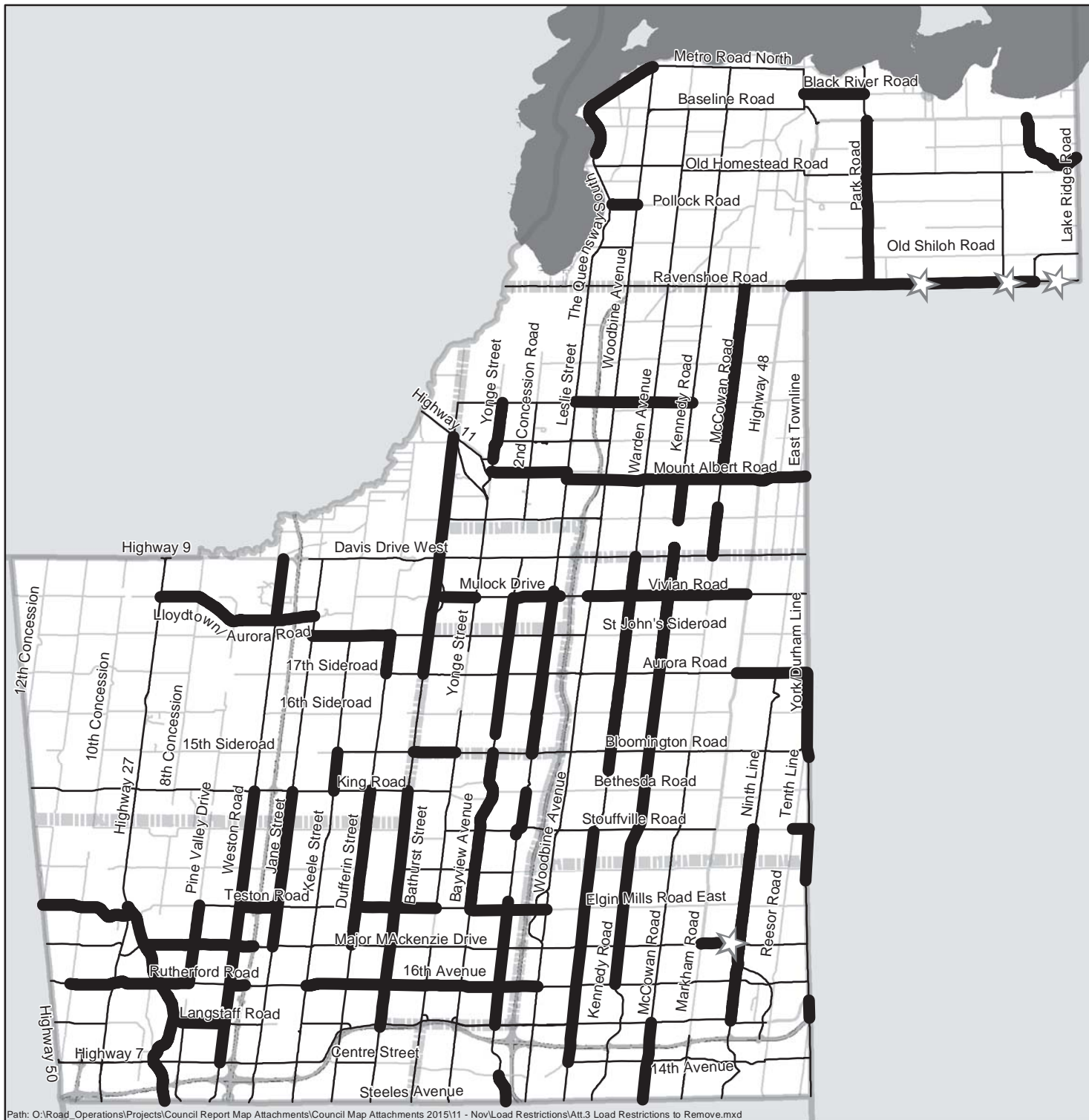
### Legend

 Load Restrictions to Remain in Effect



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### Load Restrictions to be Removed

Load Restriction Revisions  
November 5, 2015

### Legend



Load Restrictions to be Removed from Bridges



Load Restrictions to be Removed from Roads



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