Agenda - Executive Policy Committee - May 11, 2005

Report - Standing Policy Committee on Public Works - May 5, 2005

Item No. 4 Traffic Regulations on Sterling Lyon Parkway between Victor Lewis Drive and McCreary Road / Shaftesbury Boulevard
File ST - 5(32)

STANDING COMMITTEE RECOMMENDATION:

On May 5, 2005, the Standing Policy Committee on Public Works concurred in the administrative recommendation and submits the following to Council:

1. That Wilkes Avenue between Victor Lewis Drive and McCreary Road / Shaftesbury Boulevard be rescinded as a Regional Street (Schedule E of the Streets By-law), as Route 145, as a Full-Time Truck Route (Schedule 1 of the Traffic By-law), and as a Regional Street Schedule "A" Snow Emergency Route.

2. That Sterling Lyon Parkway between Victor Lewis Drive and McCreary Road / Shaftesbury Boulevard be designated as a Regional Street (Schedule "E" of the Streets By-law), as Route 145, as a Full-Time Truck Route (Schedule 1 of the Traffic By-law), and as a Regional Street Schedule "A" Snow Emergency Route.

3. That Wilkes Avenue between Victor Lewis Drive and Kenaston Boulevard be added as a Non-Regional Street (Schedule "B") Snow Emergency Route.

4. That the City Solicitor/Manager of Legal Services be instructed to prepare and submit the appropriate amending By-laws to The City of Winnipeg Streets By-law No. 1481/77, Traffic By-law No. 1573/77, and Snow Emergency Route By-law No. 6548/95, in accordance with recommendations 1) to 3) above, to Council for approval.

5 That the Public Works Department be authorized to apply to The Highway Traffic Board of Manitoba to establish a speed limit of 80 km/h on Sterling Lyon Parkway between Victor Lewis Drive and McCreary Road / Shaftesbury Boulevard.

6. That the Proper Officers of the City be authorized to do all things necessary to implement the intent of the foregoing.

Agenda - Executive Policy Committee - May 11, 2005

Report - Standing Policy Committee on Public Works - May 5, 2005

DECISION MAKING HISTORY:

STANDING COMMITTEE RECOMMENDATION:

On May 5, 2005, the Standing Policy Committee on Public Works concurred in the administrative recommendations and submitted the matter to the Executive Policy Committee and Council.

ADMINISTRATIVE REPORT

RE: TRAFFIC REGULATIONS ON STERLING LYON PARKWAY BETWEEN VICTOR LEWIS DRIVE AND McCREARY ROAD/ SHAFTESBURY BOULEVARD

FOR SUBMISSION TO: Standing Policy Committee on Public Works

ORIGINAL REPORT SIGNED BY: L.S.W. Larkin, P. Eng., Director of Public Works

REPORT DATE: April 18, 2005

RECOMMENDATION(S):

That:

1) Wilkes Avenue between Victor Lewis Drive and McCreary Road/Shaftesbury Boulevard be rescinded as a Regional Street (Schedule E of the Streets By-law), as Route 145, as a Full-Time Truck Route (Schedule 1 of the Traffic By-law), and as a Regional Street Schedule A Snow Emergency Route.

2) Sterling Lyon Parkway between Victor Lewis Drive and McCreary Road/Shaftesbury Boulevard be designated as a Regional Street (Schedule E of the Streets By-law), as Route 145, as a Full-Time Truck Route (Schedule 1 of the Traffic By-law), and as a Regional Street Schedule A Snow Emergency Route.

3) Wilkes Avenue between Victor Lewis Drive and Kenaston Boulevard be added as a Non-Regional Street (Schedule B) Snow Emergency Route.

4) The City Solicitor/Manager of Legal Services be instructed to prepare and submit the appropriate amending By-laws to The City of Winnipeg Streets By-law No. 1481/77, Traffic By-law No. 1573/77, and Snow Emergency Route By-law No. 6548/95, in accordance with recommendations 1) to 3) above, to Council for approval.

5) The Public Works Department be authorized to apply to The Highway Traffic Board of Manitoba to establish a speed limit of 80 km/h on Sterling Lyon Parkway between Victor Lewis Drive and McCreary Road/Shaftesbury Boulevard.

REPORT SUMMARY:

Key Issues:

- Sterling Lyon Parkway between Victor Lewis Drive and Shaftesbury Boulevard/McCreary Road is a new street to be constructed in the southern sector of the City, parallel to and just south of Wilkes Avenue in conjunction with the Kenaston Boulevard underpass of the CNR Rivers Subdivision and is expected to be physically open to traffic in the Fall of 2005.

- The recommendations contained herein are intended, from a traffic operations perspective, to rescind the Regional Street status and associated regulations of the existing section of Wilkes Avenue between Victor Lewis Drive and McCreary Road/Shaftesbury Boulevard, and assign a Regional Street status and associated regulations to the newly constructed Regional Street between Victor Lewis Drive and McCreary Road/Shaftesbury Boulevard.

- It has been the practice of the Public Works Department to secure authority from the Standing Policy Committee on Public Works to apply to The Highway Traffic Board of Manitoba to establish a modified speed limit on any new Regional Street, such as Sterling Lyon Parkway, prior to the facility being physically opened to traffic.

Implications of the Recommendation(s):

General Implications:

☐	None
☐	For the organization overall and/or other departments
☒	For the community and/or organizations external to the City
☐	Involves a multi-year contract

Comments: This new section of street will be constructed in accordance with current design standards and will accommodate regional through traffic, including truck traffic, safely and efficiently. Implementation of the recommended speed limit will also be consistent with the design of the street and with motorists' expectations.

Policy Implications:

☒	No
☐	Yes

Comments:

Environmental Implications:

[x] No
[ ] Yes

Comments:

Human Resource Implications:

[x] No
[ ] Yes

Comments:

Financial Implications:

[x] Within approved current and/or capital budget
[ ] Current and/or capital budget adjustment needed

Comments: Amendments to the By-laws will be undertaken by the existing complement of staff. The cost of installing the necessary speed limit signs, being approximately $300, will be undertaken with resources available from the capital budget for this construction project.

REASON FOR THE REPORT:

Sterling Lyon Parkway between Victor Lewis Drive and McCreary Road/Shaftesbury Boulevard will be a newly constructed Regional Street. As such, traffic on this street should be regulated to a Regional Street standard. It is the practice of the Public Works Department to secure authority from the Standing Policy Committee on Public Works to apply to The Highway Traffic Board of Manitoba to establish a modified speed limit on any new Regional Street, such as Sterling Lyon Parkway, prior to the facility being physically opened to traffic.

DISCUSSION:

Sterling Lyon Parkway between Victor Lewis Drive and Shaftesbury Boulevard/McCreary Road is a new street that is proposed for construction in the southern sector of the City, parallel to and just south of Wilkes Avenue.

Sterling Lyon Parkway between Victor Lewis Drive and McCreary Road/Shaftesbury Boulevard will be constructed as a 4 lane divided highway, except for a section between Kenaston Boulevard and McCreary Road/Shaftesbury Boulevard, which will have a 2 lane cross section. Sterling Lyon Parkway will be traffic signal controlled at Victor Lewis Drive, Whidden Gate, Kenaston Boulevard, and McCreary Road/Shaftesbury Boulevard. The radius of curvature and the super elevation at the curves will be constructed for a design speed of 90 km/h, being 10 km/h above the recommended speed limit. Left and right turn storage lanes will be in place at the signalized intersections, complete with deceleration lanes that will also be constructed for a design speed of 90 km/h. This new facility, which will connect to Sterling Lyon Parkway east of Victor Lewis Drive and with Wilkes Avenue west of McCreary Road/Shaftesbury Boulevard (refer to attached Dwg. F05-03), is programmed to be constructed in the Summer of 2005 and opened to traffic in the Fall of 2005.

The recommendations contained herein are intended, from a traffic operations perspective, to rescind the Regional Street status and associated regulations of the existing section of Wilkes Avenue between Victor Lewis Drive and McCreary Road/Shaftesbury Boulevard, and assign a Regional Street status and associated regulations to the newly constructed Regional Street between Victor Lewis Drive and McCreary Road/Shaftesbury Boulevard.

It has been the practice of the Public Works Department to secure authority from the Standing Policy Committee on Public Works to apply to The Highway Traffic Board of Manitoba to establish a modified speed limit on any new Regional Street, such as Sterling Lyon Parkway, prior to the facility being physically opened to traffic.

The existing speed limit along the Sterling Lyon Parkway and Wilkes Avenue route is 70 km/h east of Victor Lewis Drive and 80 km/h west of McCreary Road/Shaftesbury Boulevard. If the speed limit on the newly constructed section of Sterling Lyon Parkway is not modified, the speed limit thereon will be 50 km/h, since it is contained within the urban speed area. If the speed limit on this section of Sterling Lyon Parkway were to remain at 50 km/h, the speed limit on this route would be 70 km/h between Waverley Street and Victor Lewis Drive, 50 km/h between Victor Lewis Drive and McCreary Road/Shaftesbury Boulevard, and 80 km/h west of McCreary Road/Shaftesbury Boulevard. If left with a speed limit of 50 km/h, the section between Victor Lewis Drive and McCreary Road/Shaftesbury Boulevard would likely operate at a much

lower than attainable level of safety since a significant amount of overtaking slower moving vehicles is likely to occur. This would be particularly true on the 2 lane undivided section between Kenaston Boulevard and McCreary Road/Shaftesbury Boulevard where there is a potential for head-on collisions if overtaking occurs. A speed limit of 80 km/h on this new street is consistent with the highway design parameters and driver expectations and is similar to the speed limit on other comparable streets, including Charleswood Parkway/Moray Street, Bishop Grandin Boulevard, and Lagimodiere Boulevard.

Financial Impact Statement **Date:** April 15, 2005

Project Name:
TRAFFIC REGULATIONS ON STERLING LYON PARKWAY BETWEEN VICTOR LEWIS DRIVE AND McCREARY ROAD/ SHAFTESBURY BOULEVARD

COMMENTS:

There is no financial impact related to the recommendations of this report.

"Original signed by Darcy Stewart, CA"
Manager of Finance & Administration

6024

In preparing this report there was consultation with, and concurrence by:

THIS REPORT SUBMITTED BY:

Department:	Public Works	
Division:	Transportation	
Prepared by:	Carl Sitarz, Traffic Analyst…….	986-5067
Processed by:	Carol Kawaza, Secretary to Traffic Management ….	986-5288
File No.	A-01/12/13	

Document Name: TrafficRegsonSterlingLyonParkwayReport

Attachment



Legend

Signalized Intersection

Figure F05-03

STERLING LYON PARKWAY

Victor Lewis Dr. to Shaftsbury Blvd. / McCreary Rd.

The City of Winnipeg Public Works Dept.