

## Bylaw 15101

To Establish a Transportation System for the City of Edmonton

### Purpose

To establish a transportation system in accordance with the transportation study report as required by the *City Transportation Act*. Bylaw 15101 repeals Bylaw 13423 being the Transportation System Bylaw for the City of Edmonton.

### Readings

Bylaw 15101 (as amended) is ready for second and third readings after the public hearing has been held.

This Bylaw is authorized under the *City Transportation Act*. A majority vote of City Council on all three readings is required for passage.

**The Bylaw does not come into effect until approval of the Lieutenant Governor in Council for Alberta is received.**

### Advertising and Signing

This Bylaw has been advertised in the Edmonton Journal on Friday, November 27, 2009, and on Sunday, December 6, 2009.

### Position of Administration

Administration supports this Bylaw.

### Report Summary

**This report provides an overview of the amendments to Transportation Systems Bylaw 15101, which has been completed in accordance with the Transportation Master Plan, approved by City Council on September 14, 2009. Amendments**

since first reading include the proposed west and southeast LRT route alignments, as well as a minor revision to the LRT alignment to NAIT and some revisions to the physical description of Arterial Roadways to deal with minor omissions and typographical errors.

### Previous Council Action

At the November 9/13, 2009, City Council Public Hearing, the following motions were passed:

#### Motion 1

That Bylaw 15101 be referred back to Administration to be re-advertised and return to a continuation of the Public Hearing at City Council on December 15, 2009, from 9:30 a.m. - 5:30 p.m., with:

1. An amendment to delete the West LRT Route from the bylaw and one amendment to delete the Southeast LRT Route from the bylaw.
2. A process to consider these two routes as future amendments to the bylaw at two separate public hearings in 2010

#### Motion 2

That Bylaw 15101 be amended as follows:

1. That on Page 1, section 1, the words "October 2008" be deleted and replaced with "September 14, 2009."
2. That on Page 2, section 2(d): the words "Physical Description of Arterial Roadways Subject to Agreements with the Province of Alberta – Retaining City Responsibility" be deleted and replaced with "Description of

arterial roadways under the direction, control and management of the Province of Alberta – City of Edmonton responsible for maintenance and rehabilitation.”

3. That Appendices A, B, C and D be deleted and replaced with Revised Appendices A, B, C and D, as outlined in Attachment 1 of the October 19, 2009, Transportation Department report 2009TD4361.

At the September 14, 2009, City Council Public Hearing, the following motion was passed:

That *The Way We Move: Transportation Master Plan* (September 2009) as outlined in Attachment 1 of the August 12, 2009, Transportation Department report 2009TD8907, be approved as the comprehensive transportation study within the meaning of the *City Transportation Act*, with the following:

Section 3.2 page 23 after “fuel prices” the following be inserted, “potentially arising from supply constraints associated with peak oil and/or the onset of a carbon pricing regimen.”

At the September 2, 2009, City Council meeting, the following motion was passed:

1. That the November 13, 2009, City Council Public Hearing, scheduled for the Municipal Development Plan and the Transportation Master Plan, be cancelled.
2. That the November 9, 2009, City Council Statutory Public Hearing for Bylaw 15101 – A Bylaw to Establish

a Transportation System for the City of Edmonton continue on November 13, 2009, from 9:30 a.m. to 5:30 p.m. if required.

3. That the West Light Rail Transit Plan (Lewis Estates to Downtown Route) and Transit Routes to the West End (S. Mandel) reports be addressed through Administration’s report on Bylaw 15101, and that these be brought directly to the November 9, 2009, City Council Statutory Public Hearing.

At the June 23/29, 2009, City Council Public Hearing, the following motion was passed:

1. That the Transportation Master Plan – The Way We Move be referred to the September 14, 2009, City Council Public Hearing at 1:30 p.m.
2. That Bylaw 15101 be re-advertised and referred to the November 9, 2009, City Council Public Hearing at 1:30 p.m.

At the November 12/13, 2008, City Council Public Hearing, Bylaw 15101 received first reading.

### Report

- In response to the November 9/13, 2009, motion, amendments to split the Southeast LRT route and the West LRT route from Bylaw 15101, and the process to consider the routes are detailed in Corporate Services Department report 2009C0C090 Process for Public Hearing on the Transportation System Bylaw 15101, which is part of the December 15, 2009, Public Hearing agenda.

- The current Transportation System Bylaw 13423 was approved by Council October 7, 2003, and was amended twice since that time. The purpose of the Bylaw and subsequent amendments was to update Appendices reflecting newly constructed roadways and physical description of the LRT lines to Century Park and to NAIT.
- The *City Transportation Act* requires each city to "...prepare a comprehensive transportation study report for the development of an integrated transportation system designed to service the needs of the entire city." The Transportation Master Plan, *The Way We Move*, is this study.
- The Act also requires that City Council "...shall by bylaw establish a transportation system in accordance with the transportation study report and the bylaw shall designate the transportation system." The bylaw includes Appendix "A" map showing the approximate location of the transportation facilities within the city.
- Bylaw 15101 (Attachment 1) contains a series of appendices as follows:
  1. **Appendix A:** The City of Edmonton Transportation System Bylaw Map. This shows the updated arterial roadway network, the existing and proposed LRT system, and arterial roadways subject to agreement with the Province.
  2. **Appendix B:** Physical Description of Arterial Roadways. This provides a listing of all current and proposed arterial roadways.
  3. **Appendix C:** Physical Description Light Rail Transit. This describes the existing and proposed LRT network.
  4. **Appendix D:** Description of Arterial Roadways under the direction, control and management of the Province of Alberta – City of Edmonton responsible for maintenance and rehabilitation.
- The former Transportation System Bylaw 13423 included an Appendix E - *Principles of Light Rail and Busway Development*. This appendix is not included in Bylaw 15101 as these Principles are addressed through various documents that have been prepared and approved since adoption of Bylaw 13423. These documents include "The Way We Move", The LRT Network Plan, and Public Involvement Policy C513. Should a stand alone policy be desired for LRT and Busway Development, this could be developed and brought forward to Council independent of Bylaw 15101.
- The agreement between the City and the Province of Alberta for the transfer of a number of arterial roadways within the Transportation Utility Corridor (TUC) was revised and updated as a result of construction of Anthony Henday Drive. The most recent update will be executed soon. These changes are reflected in Bylaw 15101.
- The proposed route alignment for the west and southeast LRT are included in this Bylaw.

- The changes from the former Transportation System Bylaw 13423 are outlined in Attachment 2.

### West LRT Alignment

- Running eastward from Lewis Estates Transit Centre along 87 Avenue to 159 Street, northeast along Meadowlark Road then north along 156 Street to Stony Plain Road, then east along Stony Plain Road into 104 Avenue to 109 Street.

### Southeast LRT Alignment

- Running northward from Mill Woods Town Centre along 66 Street/75 Street, westward on Wagner Road to approximately 79 Street, crossing Argyll Road via a grade separation, north along 83/85 Street to 95 Avenue, west along 95 Avenue to Connors Road, along Connors Road to approximately 96 Street and north across the North Saskatchewan River near the existing pedestrian bridge to approximately 95 Street and 102 Avenue.
- The downtown segment of the LRT will be brought forward for consideration by City Council in conjunction with the Downtown Plan, expected by mid-2010.
- Attachments 3 and 4, *West LRT Route Alignment Study and Southeast LRT Route Alignment Study* provide an overview of the route alignments and the process that was used to arrive at the route recommendations.
- The recommended west and southeast LRT routes will use an urban style LRT system with low floor technology.

- The proposed extension to the North LRT is included in this Bylaw. The alignment will extend across Princess Elizabeth Avenue west of 106 Street to a point east of 109 Street near the NAIT campus. Alignment to the northwest beyond NAIT will be determined under a separate study.
- More detailed configuration of the LRT within the alignments described in this Bylaw will be developed through the LRT concept planning and engineering processes.

### **Policy**

The Transportation Systems Bylaw 15101 is prepared in accordance with the *City Transportation Act* and reflects the recently approved Transportation Master Plan.

### **Public Consultation**

In accordance with the City Policy C513, Transportation Department conducted comprehensive public consultation throughout the development of the Transportation Master Plan and through the LRT route corridor studies. A summary is provided in Attachment 5 *West and Southeast LRT Public Involvement Report 2008-09*.

### **Budget/Financial Implications**

Implementation of the proposed transportation facilities outlined in the Transportation Systems Bylaw will be considered by City Council as part of future capital budget processes.

### **Legal Implications**

The Transportation Systems Bylaw meets the requirements of the *City Transportation Act*.

### **Attachments**

1. Bylaw 15101 (as amended)
2. Differences between Bylaw 13423 and Bylaw 15101
3. West Light Rail Transit Downtown to Lewis Estates
4. Southeast Light Rail Transit Downtown to Mill Woods
5. West and Southeast LRT Public Involvement Report 2008-09

### **Others Reviewing this Report**

- R. G. Klassen, General Manager, Planning and Development Department
- D. H. Edey, General Manager, Corporate Services Department
- M. Koziol, General Manager, Capital Construction Department