

## **CITY OF FORT SASKATCHEWAN**

### **Southfort Transportation Study Update**

---

#### **Motion:**

That Council adopt the Southfort Transportation Study dated September 2015 for the Southfort Area Structure Plan.

#### **Purpose:**

The purpose of this report is to provide Council with the findings of the Southfort Transportation Plan Update.

#### **Background:**

In 2013 an update of the Southfort Area Structure Plan (SF-ASP) was approved. This Plan adjusted some of the proposed land uses and major road networks within the Southfort Development Area.

As a result of this SF-ASP update, a review of the Southfort Transportation Plan was undertaken in 2014 to determine expected traffic volumes, road classifications, and intersection treatments.

The resulting Study was conducted using traffic simulations of the Southfort area at 50% development and at full development of the Southfort area. The findings of these simulations resulted in the following recommendations:

1. Southfort Drive can be reclassified as a Collector Road south of Southfort Boulevard and should terminate at Southbridge Boulevard, rather than extending to the south boundary.
2. The 94 Street / Southridge Boulevard corridor can be reclassified as a Collector Road between Southfort Drive and Sienna Boulevard.
3. Six additional signalized intersections will be required in the Southfort ASP area.
4. Six single lane roundabouts should be installed at the intersections of major collectors, rather than signals as the moderate off-peak traffic volumes do not require signals.
5. An additional access to Highway 21 south of the SF-ASP area will be required at full development to relieve congestion at the Highway intersections.
6. The Highway 15 / 21 Corridor adjacent to the Study area will require six lanes within the 50% development horizon. This confirms the 2008 Road Right-of-Way Master Plan findings.

#### **Plans/Standards/Legislation:**

- Southfort Area Structure Plan.
- Institute of Traffic Engineers trip generation rates.
- Transportation Research Board of the National Academies of Science - Highway Capacity Manual (HCM).

#### **Financial Implications:**

The results of this Study will require an update to the Southfort Levy. This Levy will be updated in 2016 using internal staff capacity. Once complete, the Levy Bylaw will be brought to Council for approval and the projects will be staged within the 10 Year Capital Plan. As the projects will be levy-funded, there will be no tax impact on the City, other than operating.

**Internal Impacts:**

With the adoption of the Southfort Transportation Study, the SF-ASP will require an update to reflect the changes in the road classifications and the south linkages. As well, the Levy Bylaw will require an update. Both of these projects will be completed using existing internal resources.

**Recommendation:**

That Council adopt the Southfort Transportation Study dated September 2015 for the Southfort Area Structure Plan.

**Attachment:**

Southfort Transportation Study dated September 2015

---

File No.:

Prepared by:	Grant Schaffer Director Project Management	Date: November 16, 2015
Approved by:	Troy Fleming General Manager, Infrastructure and Community Services	Date: December 2, 2015
Reviewed by:	Kelly Kloss City Manager	Date: January 5, 2016
Submitted to:	City Council	Date: January 12, 2016