

## Technical Services Agreement for Traffic Signal Infrastructure – Pilot Project with City of Warman – One Year Assessment

### ISSUE

The City of Saskatoon provided technical services for traffic signal infrastructure to the City of Warman for a one-year pilot project beginning on February 1, 2021, which will expire January 31, 2022.

### RECOMMENDATION

1. That the Administration be authorized to enter into future Technical Services Agreements with the City of Warman whereby the City of Saskatoon will provide technical services to support their traffic signals; and
2. That the City Solicitor be requested to prepare the appropriate agreement and that His Worship the Mayor and the City Clerk be authorized to execute the agreement under the Corporate Seal.

### BACKGROUND

On February 1, 2021, the City of Saskatoon entered into a servicing agreement with the City of Warman to provide technical services that supports their traffic signals. This one-year pilot project will end on January 31, 2022. The Administrations from both cities would like to enter into future servicing agreements to continue providing technical services.

### DISCUSSION/ANALYSIS

The proposed agreement framework outlines how the City of Saskatoon provides technical services to support the City of Warman's traffic signals. The framework includes:

1. Repairing and maintaining infrastructure comprising of the following:
  - a. testing of equipment such as traffic signal controllers, wiring, traffic signal lights, pedestrian walk indicator lights, conflict management units and vehicle detection systems;
  - b. programming of traffic signal controllers with traffic signal plans developed by others;
  - c. repairing traffic signal infrastructure damaged due to collisions;
  - d. changing of filters and turning on/off heaters as required based on the season; and,
  - e. addressing vehicle detection and traffic signal timing operational concerns.
2. Installation of new traffic signal and pedestrian crossing devices in accordance with engineering plans provided by others.
3. The City of Saskatoon will not provide engineering services such as, but not limited to, designing traffic signal timing plans and new installations.

4. The agreement will start when the agreement is signed with options to renew for additional one-year terms on expiration of the initial term or upon reaching the agreement upset fee limit (\$50,000 annually), whichever occurs first.

Over the course of the one-year pilot project, the City of Saskatoon billed the City of Warman \$5,181. This amount of work had no impact to the level of service currently provided to the City of Saskatoon. There were no unforeseen negative impacts to the level of service or strain on staffing resources.

The City of Saskatoon currently has over 300 traffic signal control devices. Administration anticipates the services for future agreements with the City of Warman, with the addition of five existing traffic signals, can continue to be accommodated for the foreseeable future without an impact to the level of service for the City of Saskatoon or a requirement for additional staff. If the provision of technical services to the City of Warman does start impacting the level of service or requires additional staffing resources, Administration will review options to bring forward to City Council for consideration or discontinue entering into agreements with the City of Warman.

#### **FINANCIAL IMPLICATIONS**

The City of Saskatoon has standard cost-recovery charge out labour, equipment, and materials rates used for third-party work such as this. These rates will be charged to the City of Warman for work resulting from this agreement.

#### **OTHER IMPLICATIONS**

There are no privacy, legal, social, or environmental implications identified.

#### **NEXT STEPS**

If City Council approves entering into a Technical Services Agreement with the City of Warman for Traffic Signal Infrastructure, the City Solicitor will prepare the Agreement for execution by the two parties.

#### Report Approval

Written by: Cory Funk, Traffic Operations and Control Manager  
Reviewed by: Jay Magus, Director of Transportation  
Approved by: Terry Schmidt, General Manager, Transportation and Construction