



TO: Mayor Shaun Sipma
Members of the City Council

FROM: Stephen Joersz P.E. P.T.O.E., Traffic Engineer

DATE: July 6, 2020

SUBJECT: TRAFFIC SIGNAL INTERCONNECT 5-YEAR CONTRACT

I. RECOMMENDED ACTION

1. Authorize the Traffic Engineer to sign an Elite 5-year contract agreement with SRT Communications, Inc (SRT) for existing fiber optic communications.
2. Authorize the Traffic Engineer to sign future Elite 5-year contract agreements with SRT for future fiber optic communications.

II. DEPARTMENT CONTACT PERSONS

Lance Meyer, City Engineer	857-4100
Stephen Joersz, Traffic Engineer	857-4100

III. DESCRIPTION

A. Background

The City of Minot Traffic Department presently utilizes SRT to provide communications to 24 of the city’s 50 traffic signals and the city’s new traffic building. This connection is a combination of low-speed copper phone line and high-speed fiber optic. Over the past year, the Traffic Department and SRT have met multiple times on how SRT can provide fiber to the city’s traffic signals. With an Advanced Traffic Management System part of the future Capital Improvement Plan, reliable and high-bandwidth communication serve as a backbone to that system.

Currently, SRT bills the Traffic Department on a per month basis, which is just like a normal business. However, SRT recently approached the Traffic Department about locking into an “Elite” 5-year contract. This Elite SRT contract comes with a 40% discount on the currently monthly rate, along with service and performance requirements.

Per conversations with SRT, there are two plans of action. The first plan is to lock into an agreement for the 14 existing fiber connections. The second part of the plan would be to enter into separate future fiber communication agreements when SRT has installed fiber near the city’s traffic signals.

B. Proposed Project

N/a

C. Consultant Selection

N/a

IV. IMPACT:

A. Strategic Impact:

Locking into long-term contract for traffic signal interconnect allows the Traffic Department to save 40% off its current fiber communications through SRT.

B. Service/Delivery Impact:

N/a

C. Fiscal Impact:

The Traffic Department currently has a monthly bill of approximately \$1,174.27. The SRT Elite 5-year contract would reduce the monthly bill to \$887.87; this is a reduction of \$286.40 per month.

Costs

Current SRT monthly bill	\$1,174.27
<u>Elite 5-Year contract monthly bill</u>	<u>\$ 887.87</u>
Monthly savings	\$ 286.40

It is important to note that the dollar amounts listed above are for the current connections, the Traffic Department is currently working with SRT to switch communications from copper to fiber for more traffic signal controllers, which would increase the monthly savings.

V. ALTERNATIVES

N/a

VI. TIME CONSTRAINTS

N/a

VII. LIST OF ATTACHMENTS

- A. SRT Elite 5-Year Contract