

June 15, 2016

Report To: Mayor & Council

From: Doug Brown, Manager of Operations & Facilities

SUBJECT: Purchase of Traffic Logix SafePace 450 Radar Speed Sign

There is a capital budget allocation of \$10,000 to purchase two radar speed signs for the community. After an extensive investigation into what different radar speed signs are available and serviced in the area, it appears that Traffic Logix signs are very commonly used in the province of Ontario, Manitoba, Saskatchewan & Alberta. Airmasters Signs are the local distributor of the Traffic Logix product line.

As a result of not being able to obtain three written quotes from three different suppliers for the Traffic Logix SafePace 450 Radar sign we are not purchasing these goods in accordance with the Town's procurement policy 1.12. At this time Council approval is requested.

The action plan going forward is to purchase one radar speed sign to be installed along King's Hwy 11-71 on the boulevard just west of the Holmes Avenue intersection for west bound traffic. Also an additional universal mounting plate will be purchased to allow the radar speed sign to be relocated to any other street within the Community for up to a week in duration. The OPP and the O & F division will assess the effectiveness, size, shape, data collection/downloading functionality to ensure it meets the needs of the Community prior to purchasing another sign.

The Operations & Facilities Executive Committee recommend the following:

- That administration be authorized to purchase one Traffic Logix SafePace 450 radar speed sign c/w all hardware at a net cost of \$4,784.25 from Airmaster Signs.
- If the Traffic Logix SafePace 450 radar speed sign meets the needs of the Community, Administration will be authorized to purchase the same traffic sign at the same net cost.

Respectfully submitted,
Operations & Facilities Division



Doug Brown, P. Eng.
Operations & Facilities Manager

Council approval of this report will ensure the following:

- 1) That administration be authorized to purchase one Traffic Logix SafePace 450 radar speed sign c/w all hardware at a net cost of \$4,784.25 from Airmaster Signs.
- 2) If the Traffic Logix SafePace 450 radar speed sign meets the needs of the Community, Administration will be authorized to purchase the same traffic sign at the same net cost.



QUOTATION

Company: Fort Frances
Contact: Gerry
Phone: 807 274 2036
Fax:
Email: gfwaley@fort-frances.com

August 26, 2015

Thank you for the opportunity to quote on your signage requirements.

As per your request for pricing:

QTY	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1		SP450 Solar Powered Speed Reader	\$3,999.99	\$3,999.99
1		Universal Bracket (C/W one pole plate)	\$175.00	\$175.00
1		Additional Pole Plate	\$79.00	\$79.00
1		Data Collection	\$450.00	\$450.00
			TOTAL	\$4,703.99

Specifications:

Substrate: 5052 H38 Sign Grade Aluminum (2mm Thickness)

NOTES:

Delivery time approx 10-15 working days

Taxes Extra

Prices in effect for 45 days.

If you have any questions please call me.

Ryan Montgomery
Airmaster Sales Ltd.
Phone (204) 944-SIGN (7446) Cell (204) 781 2966
Toll Free 1 800 788 6805

400 Keewatin Street
Winnipeg, MB R2X 2R9
Fax (204) 632 9747
Toll Free 1 877 632 9747
ryanm@airmastersales.com

Traffic Logix® SafePace® 450 Radar Speed Sign

Product Specifications



Dimensions

- Digit: 15.0"(h) x 8.0"(w), 112 LEDs per digit
- Text:
 - Full Size: Letters 6.0"(h) spell "YOUR SPEED" fixed message, 2 lines
 - Compact Size: Letters 4.0" (h) spell "YOUR SPEED" fixed message, 1 line
- Unit alone: 21.5"(h) x 26.0"(w) x 3.0"(d)
- Unit with "YOUR SPEED" sign mounted:
 - Full Size: 40.0"(h) x 30.0"(w) x 3.0"(d)
 - Compact Size: 28.0"(h) x 28.0"(w) x 3.0"(d)
- Sign Weight (unit alone without "YOUR SPEED" sign)
 - AC Powered Model: 18 lbs
 - 4 Cell Battery Powered Model: 22 lbs
 - Solar Powered Model: 20 lbs (does not include solar panel or solar panel bracket)
- Accessories
 - 4 Cell Lithium Ion Battery: 4 lbs
 - Universal Mounting Bracket System
 - Sign Bracket: 2 lbs
 - Pole Bracket: 5 lbs

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Traffic Logix® Corp. | 3 Harriet Lane | Spring Valley, New York 10977
(866) 915-6449 F (866)995-6449 | www.trafficlogix.com | info@trafficlogix.com
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- Enclosure
 - 12 gauge aluminum, flat black powder coated front for reduced glare and maximum contrast; light gray powder coated body to minimize heat absorption
 - Weatherproof, NEMA 4X-12, IP65 level compliant
 - Non-sealed and ventilated
- Mounting Options
 - Banding brackets (standard)
 - Universal Mounting Bracket System
 - Universal mounting options: circular, square and telspar poles
 - Theft resistant
 - Promotes sign portability: sign locks into mounting bracket with a turn of a key

Communication

- Bluetooth 3.0
- Wi-Fi

Programming

- SafePace® Pro management software
- 24/7 365 day unlimited programming and scheduling
- Display Settings:
 - Display On/Stealth Modes (In Stealth Mode, speed is not displayed but data is collected)
 - Display Minimum Speed, Display Maximum Speed
 - Digit Flashing Speed Threshold (digits flash above selected speed)
 - Speed Violator Strobe (pulsing strobe flashes with digits or alone above Display Maximum Speed)

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Data Collection and Statistical Analysis & Reporting (optional feature)

- Traffic data collected and stored by location
- Stealth Mode (capture baseline traffic data with speed display off)
- Download through wireless connection
- Statistical Reporting & Charts
 - Summary Reports
 - Weekly Reports
 - Period Comparison Reports
 - Full custom reports and charts
 - Reporting Parameters:
 - Average Vehicle Count
 - Total Vehicle Count
 - Average Speed
 - Average Number of Speed Violations
 - Total Number of Speed Violations
 - Other Features:
 - Minimum and Maximum Speed
 - 85% Speed
 - Counters by Speed Bins
 - 5 MPH Bin Resolution
 - Reports print directly or can be exported into CSV format, MS Excel, Adobe Acrobat PDF and HTML
 - Charts may be printed directly or converted into Adobe Acrobat PDF and picture formats

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Technical Specifications:

- Miles Per Hour (mph) or Kilometers Per Hour (km/h)
- Aluminum protective cover: 0.1875" (d)
- Yellow or white High-Intensity prismatic reflective sheeting on the sign face with black colored text
- MUTCD approved colors and format
- Operating Temperatures F (C): -40° (-40°) to 185° (85°)
- Conformal coating on all circuit boards
- Power
 - Power input:
 - AC 100~240 VAC
 - 12 VDC
 - Built in ambient light sensing and automatic brightness control
 - Wireless battery charge monitor
 - Power Options
 - AC power input: 100~240 VAC
 - DC power input: 12 VDC
 - Solar power: 20 W solar panel
- Radar
 - Internal Radar: Doppler (FCC approved)
 - Radar RF out: 5 mW maximum
 - Radar f-center: 24.125 GHz center +/-25 MHz
 - Pickup distance: Up to 1,200 feet (366 m)
 - Beam angle: 11° x 11°
 - Beam polarization: Linear
 - FCC ID (Radar): TIADR1500
- Display
 - LEDs 245:
 - Digits: 224 Amber, 23°, 5 mm, luminous Intensity (5680 – 8200 mcd/LED)
 - Speed Violator Strobe: 21 White, 15°, 5 mm , luminous intensity (28,150 mcd/LED)
 - Optical lenses: 245 lenses
 - Ambient light sensor and automatic brightness adjustment

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Warranty

Subject to the following conditions, Traffic Logix® Corporation ("Traffic Logix®") warrants that the SafePace® 400/450/500/600 Speed sign sold by it (the "Product") is free from defects in materials and workmanship with normal use and service. This limited warranty extends for TWO (2) calendar year beginning on the invoice date of the Product on the radar sign and TEN (10) years on the LEDs.

This limited warranty extends only to the original purchaser of the Product when purchased either directly through Traffic Logix® or through an authorized Traffic Logix® distributor and is not assignable or transferable to any subsequent purchaser or end-user. Traffic Logix's® obligation and liability under this warranty are expressly limited to repairing or replacing, at Traffic Logix's® option, defective products. In no circumstances shall Traffic Logix's® liability, whether in contract or tort, under any warranty, in negligence, or otherwise, exceed the amount of the purchase price of the product. Traffic Logix® shall not be liable for special, indirect, or consequential damages of any kind. This warranty does not cover damages resulting from normal wear and tear, incorrect installation or operation, use other than for the product's intended purposes, vandalism, and extraordinary environmental circumstances. Traffic Logix® reserves the right to charge for these damages to the product at rates normally charged for repairing such products not covered under this warranty. Damages resulting from any physical changes or alterations made to the product other than Traffic Logix® will render this warranty **VOID**. Using any parts or accessories not supplied or approved by Traffic Logix®, such as battery chargers, will further render the warranty **VOID**.

Traffic Logix® neither assumes, nor authorizes any person to assume for it, any other liability in connection with the sale of the Product, and there are no agreements or warranties collateral to or affecting this limited warranty. **THE LIMITED WARRANTY SET FORTH IN THIS AGREEMENT IS THE EXCLUSIVE AND SOLE WARRANTY APPLICABLE TO THIS PURCHASE. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED.**

Traffic Logix® does not warrant that any of its products will meet or comply with the requirements of any applicable federal, state or local safety code, law, regulation or ordinance ("Applicable Safety Laws"). Buyer acknowledges that Traffic Logix's® products are to be used only in accordance with the attached Conditional Terms of Use and any Applicable Safety Laws. Buyer agrees that there shall be no coverage or benefits of any kind under this limited warranty if it is determined by Traffic Logix® that the Product was not installed or used in accordance with the Conditional Terms of Use or Applicable Safety Laws, or if the Product has been altered in any way by anyone other than Traffic Logix®, or if the Product has been subject to any misuse or accident. In addition, Buyer assumes and agrees to

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indemnify Traffic Logix® for all risk, liability or expense that results from any installation or use of the Product that is not in accordance with the Conditional Terms of Use or any Applicable Safety Laws.

Warranty Replacement Procedure

In order to submit a claim for the repair or replacement of the Product under this limited warranty, you must do the following:

- 1) Obtain a Return Materials Authorization number by contacting Customer Support. Do not ship your defective product to Traffic Logix® prior to contacting Customer Support.
- 2) A Customer Support agent will evaluate the Product to determine if it is defective. If the product is defective, then you will need to submit your contact information, and proof of purchase (including the date of purchase), in order to obtain repair or replacement parts.
- 3) The Customer Service Agent will provide you with instructions on how to have defective parts repaired or replaced.

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