Alberta Government

Product ID: 8281-1-32
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Expiry Date: May 2027

Product Evaluation

RE: Review of McCain Programmable Traffic Signal

PRODUCT INFORMATION

Product Name: McCain Programmable Traffic Signal
Manufacturer: McCain Inc., Vista, California
Website: https://www.mccain-inc.com/
Supplier: Innovative Traffic Solutions, Inc., Stoney Creek, ON

VENDOR CLAIMS AND INFORMATION

CLAIMS
The McCain Programmable Traffic Signal is a rugged, high performance, directional traffic signal used to limit signal visibility to specific target areas and increase intersection safety. These 12-inch traffic signals feature a focused and directional beam for precise lane control or to avoid motorist confusion when two intersections are in close proximity. SWARCO McCain, Inc. offers an extensive range of configurations and accessories, including backplates, visors, and signal assemblies to meet all the traffic signal requirements.

DESCRIPTION
The aluminum McCain Programmable Traffic Signal is modular in design allowing the signal to be assembled in a variety of configurations. Signals are compatible with 115 VAC, three-prong, LED bulbs, and LED assemblies. Programming is accomplished through the use of a Fresnel lens and a smaller clear lens. Masked-off portions of the smaller lens control which signal each lane sees during approach. Signal sections can be tilted in two-degree increments for a maximum of ten degrees above and below the horizontal axis while still maintaining a common vertical axis.

POTENTIAL USAGE
To control traffic flow

STANDARDS
Not provided

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE
Transportation and Economic Corridors has no experience with this product.

APPLICABLE STANDARDS
At present Alberta Transportation and Economic Corridors references the ITE specifications for LED signal heads

RECOMMENDATIONS
McCain Programmable Traffic Signal be listed as a Potential Product under Alberta Transportation Products List, Traffic Control Devices – Traffic signals – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE
Caveat:

TRIAL PROJECTS

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