

Product Evaluation

RE: Review of PTL 2.4x Portable Traffic Signal System

PRODUCT

PTL 2.4x Portable Traffic Signal System is manufactured by North American Traffic located in Port Colborne, Ontario and it is distributed by Barricade and Signs located in Sturgeon County.

VENDOR CLAIMS AND INFORMATION

CLAIMS

PTL 2.4x Portable Traffic Signal System increases worker and driver safety and reduces project costs. PTL 2.4x Portable Traffic Signal System high visibility dual head design and robust engineered components is ideal for long duration projects such as bridge and road reconstruction. Web link for this product: <http://northamericatraffic.com/>

DESCRIPTION

PTL 2.4x Portable Traffic Signal System is a heavy duty dual head traffic signal with custom features for increased visibility including microwave traffic sensors, video presence detection, remote monitoring service (cellular or satellite) for fault notification.

POTENTIAL USAGE

PTL 2.4x Portable Traffic Signal System is powered by 12 deep-cycle batteries with 396 watts of solar assist and backed by 24 hour on-call tech support. The system has radio communication capability of 1.6 km, up to 30 days of continuous operation without sunlight and is temperature rated for -40°C to +80°C.

STANDARDS

MUTCDC - Manual of Uniform Traffic Control Devices for Canada
FHWA – Federal Highway Administration

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has no experience with this product.

APPLICABLE STANDARDS

At present Alberta Transportation references the ITE specifications for traffic signals.

RECOMMENDATIONS:

PTL 2.4x Portable Traffic Signal System be listed as a Potential Product under Alberta Transportation Products List, Traffic Control Devices – Work Zone Traffic Control – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS

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