

Product Evaluation

RE: Review of Chapel Hill (CH) Traffic Signal Housing

PRODUCT

Chapel Hill (CH) Traffic Signal Housing is manufactured by Traffic Parts located in Spring Texas and is distributed in Alberta by Innovative Traffic Solutions, Inc. located in Stoney Creek, Ontario. Website: <https://www.trafficparts.com/>

VENDOR CLAIMS AND INFORMATION

CLAIMS

CH Traffic Signal Housings are available in a variety of colours and sizes. High durability along with minimal maintenance makes these housing some of the most reliable in the industry. Designed to fit industry standard LED modules. They come with 8” (200mm) or 12” (300mm) diameter signals.

DESCRIPTION

CH Traffic Signal Housings are built to last from aluminum or polycarbonate, these housing are equivalent or exceeding many agency standards such as, the Institute of Transportation Engineers (ITE). Polycarbonate signals and visors are made of virgin ultraviolet-stabilized polycarbonate with the color impregnated into the material. Aluminum signals are die cast with silicon aluminum die cast alloy by a process imparting a smooth homogeneous finish. Castings and visors shall be chemically treated to insure proper painted adhesion.

POTENTIAL USAGE

Highway Intersections

STANDARDS

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has no experience with this product

APPLICABLE STANDARDS

At present Alberta Transportation references the ITE specifications for LED signal heads

RECOMMENDATIONS

Chapel Hill (CH) Traffic Signal Housing 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

Rishi Adhikari

cc Innovations Evaluation Committee – Roger Skirrow,
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