

**ELECTRICAL EQUIPMENT**

**HIGHWAY LIGHTING PRODUCTS**

Any product that meets the requirements of Alberta Transportation Standard Specifications for Highway Construction Specification 2.25 Highway Street Lighting qualifies under this section.

**LIGHT POLES AND BREAKAWAY ASSEMBLIES (BREAKAWAY COUPLINGS, FRANGIBLE BASES)**

New luminaires complete with lamps, davit or high mast standards, and bases as shown on the plans and drawings. All standards including bases shall be hot dip galvanized in accordance with CSA Standard G164-M. Double dipping will not be permitted.

**PROPRIETARY**

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
Safety Base LTD		
Transpo Series (Pole Safe) (Model 4000 series)		

**CONCRETE BASES**

Concrete Bases shall be built as per the Alberta Transportation Highway Lighting Guide drawing TCS-E-601.5.

**PROPRIETARY**

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
ACE Manufacturing Metals Limited		<a href="#">Controller Cabinet Base (CB-0010)</a> (Expiry Date: July 2024)

**UNINTERRUPTIBLE POWER SUPPLY**

**PROPRIETARY**

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
		<a href="#">EP 1100 Line-Interactive Uninterruptible Power Supply</a> (Expiry Date: Sept. 2024)

### DISTRIBUTION EQUIPMENT ENCLOSURE

Enclosures are custom built and the manufacturer may not have a unique model number assigned to the specified enclosure. Electrical enclosure sizes used for Alberta Transportation projects vary in size depending on each site's requirements.

#### PROPRIETARY

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
ACE Manufacturing Metals Limited		<a href="#">ATC Cabinet</a> (Expiry Date: Sept. 2024)
<a href="#">Synertech Underground Enclosures</a>		
A.C. Dandy Products Ltd.		
<a href="#">Valid Cabinets</a>		

### DISTRIBUTION PANELBOARD

Equivalent products by the same manufacturer to models listed are acceptable.

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
Cutler Hammer Models: Pow-R-Line 1a, Pow-R-Line 2, BQL, CPM, CPL		
Schneider Models: Square D 'NQOD', QO, NQOB, NY1B		

### CIRCUIT BREAKERS

Equivalent products by the same manufacturer to models listed are acceptable.

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
Cutler Hammer Models: BAB, HQP, FDB, FD		
Schneider Models: QOB, FAP, KAP		

### PRECAST CONCRETE ELECTRIC SERVICE BOX ([CB6 2.7.M3](#))

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS

**UNDERGROUND ELECTRICAL CONDUITS**

Any product that meets the requirements of Alberta Transportation Standard Specification for Highway Construction, Specification 2.7 Underground Electrical Conduit qualifies under this section.

**STREET LIGHTING LUMINAIRES (CONVENTIONAL)**

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
Schreder Models: Citea & Hlios HBS and HBM	<a href="#">Archeon Large</a> (Expiry Date: August 2025)	<a href="#">GE Evolve LED Wall Pack A-Series (EWAS)</a> (Expiry Date: July 2024)
Cooper Models: Streetworks OVY and OVF	<a href="#">GE Evolve ERL2</a> (Expiry Date: December 2024)	<a href="#">Archeon Small</a> (Expiry Date: August 2023)
Kim Model: Curvilinear	<a href="#">GreenCobra GCM LED Light</a> (Expiry Date: August 2023)	<a href="#">Archeon Medium</a> (Expiry Date: August 2023)
<a href="#">Galleon LED Lighting</a>	<a href="#">GreenCobra GCL LED Light</a> (Expiry Date: August 2023)	<a href="#">GE Evolve ERL1</a> (Expiry Date: April 2024)
<a href="#">AEL Autobahn ATB Roadway Series ATB2</a>	<a href="#">GreenCobra GCJ LED Light</a> (Expiry Date: August 2023)	<a href="#">Avento 1 and 2</a> (Expiry Date: January 2024)
<a href="#">RoadStar RoadFocus LED luminaire</a>	<a href="#">GreenCobra GC2 LED Light</a> (Expiry Date: August 2023)	
	<a href="#">SMARTlume LED Lighting</a> (Expiry Date: Dec. 2022)	

**STREET LIGHTING LUMINAIRES (HIGH MAST)**

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
	<a href="#">HMAO LED High mast Lighting</a> (Expiry Date: Feb. 2022)	<a href="#">Celesteon LED High Mast</a> (Expiry Date: April 2023)
		<a href="#">GE Evolve ERHM03</a> (Expiry Date: February 2026)

**CROSSWALK STREET LIGHTING LUMINAIRES**

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
		<a href="#">STP-LUX lighting system</a> (Expiry Date: May 2023)