

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		

UNINTERRUPTIBLE POWER SUPPLY

PROPRIETARY

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
		EP 1100 Line-Interactive Uninterruptible Power Supply (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		Duralite (Expiry Date: Aug. 2027)
A.C. Dandy Products Ltd.		ATC Cabinet (Expiry Date: Sept. 2024)
Valid Cabinets		

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 & Hilios HBS and HBM	Archeon Large (Expiry Date: August 2025)	Lumca Ovaali (Expiry Date: August 2027)
Cooper Models: Streetworks OVY and OVF	GE Evolve ERL2 (Expiry Date: December 2024)	NXT-Lite Luminaire (Expiry Date: May 2027)
Kim Model: Curvilinear	GE Evolve LED Wall Pack A-Series (EWAS) (Expiry Date: July 2027)	Archeon Medium (Expiry Date: August 2025)
Galleon LED Lighting	Archeon Small (Expiry Date: August 2027)	GE Evolve ERL6 Cobra (Expiry Date: May 2027)
AEL Autobahn ATB Roadway Series ATB2		GE Evolve ERL1 (Expiry Date: April 2025)
RoadStar RoadFocus LED luminaire		Avento 1 and 2 (Expiry Date: January 2025)
GreenCobra GCM LED Light	SMARTlume LED Lighting (Expiry Date: Dec. 2024)	
GreenCobra GCL LED Light		
GreenCobra GCJ LED Light		
GreenCobra GC2 LED Light		

STREET LIGHTING LUMINAIRES (HIGH MAST)

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
	HMAO LED High mast Lighting (Expiry Date: Feb. 2024)	Celesteon LED High Mast (Expiry Date: April 2025)
	GE Evolve ERHM03 (Expiry Date: July 2027)	

CROSSWALK STREET LIGHTING LUMINAIRES

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
STP-LUX lighting system		