

CULVERTS

METAL PIPE

Any product that meets the requirements of Alberta Transportation Standard Specification for Highway Construction, Specification 5.23 Supply of Corrugated Metal Pipe and Pipe Arches or Specification 5.22 Supply and Install Smooth Wall Steel Pipes or Highway Maintenance Specifications, Specification 54.9 Supply and Installation of Culverts or Specifications for Bridge Construction, Section 18 Supply and Construction of CSP and SPCSP Structures qualifies under this section.

Reference

[Best Practice Selection of Culvert Types](#) (Guidelines for Culvert Material Selection) [Best Practice Guidelines for Culvert Liner Selection](#)

SMOOTH WALL STEEL PIPE (SWSP)

Smooth wall steel pipe (9.5 mm wall thickness) shall meet ASTM A252 Grade 2 Specification.

CORRUGATED METAL PIPE

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
C.S.P. Corrugated Steel Pipe		
C.A.P. Corrugated Aluminized Pipe		
C.S.P. Arch Corrugated Steel Pipe Arch		
Aluminized Type II C.S.P.		
Polymer Coated C.S.P. REPORT		

COUPLERS

Couplers shall meet specification CSA G401

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS

STRUCTURAL PLATE CORRUGATED METAL PIPE

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
S.P.C.S.P. Structural Plate Corrugated Steel Pipe		
S.P.C.S.P. Arch		
ARSA MP152 (FSI)		
ARSA MP152S (FSI)		

PROPRIETARY SPCMP

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
Super-Cor (Atlantic)	MP-200 (Twister)	
Bridge Plate (Armtec)	Dur-a-span (Atlantic) (Expiry Date: Sept 2027) Report	BridgeCor (Expiry Date: Nov. 2025) Caveat
Best-Kote Coating		
Strata-CAT Coating	ULTRA – COR (Expiry Date: Sept. 2033) Caveat: Impermeable waterproofing membrane required in corrosive environment.	

TUNNEL LINER PLATE

PROPRIETARY

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
Armtec Tunnel Liner Plate		

CONCRETE ARCH SYSTEMS

PROPRIETARY

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
	BEBO Arch Systems (Expiry Date: TBD by Bridge section)	

GATES
PROPRIETARY

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
Armtec HG 5615 Heavy Duty Fabricated Gate		
Armtec 20-10 Cast Iron Slide Gate		

POLYETHYLENE PIPE

Any product that meets the requirements of Alberta Transportation Standard Specification for Highway Construction, Specification 5.24 Supply of Polyethylene Pipe or Highway Maintenance Specifications, Specification 54.9 Supply and Installation of Culverts qualifies under this section.

CORRUGATED PROFILE PIPE
PROPRIETARY

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
Big "O" Boss 1000		

CLOSED PROFILE PIPE
PROPRIETARY

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
Weholite		

OPEN PROFILE PIPE
PROPRIETARY

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
Big "O" Boss 2000		
Solflo Max REPORT 2007 REPORT 2009 ADS N-12	DuroMaxx (Expiry Date: Mar 2028)	

POLYVINYL CHLORIDE PIPE

Any product that meets requirements of Alberta Transportation Standard Specification for Highway Construction, Specification 5.17 Supply of Polyvinyl Chloride Pipe qualifies under this section.

TYPE PSM POLYVINYL CHLORIDE DRAINAGE PIPE
RIBBED POLYVINYL CHLORIDE DRAINAGE PIPE

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
Perma-Loc		
Ultra-Rib		

PRESSURE POLYVINYL CHLORIDE DRAINAGE PIPE

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS

REINFORCED CONCRETE PIPE (R.C.P.)

Any product that meets the requirements of Alberta Transportation Standard Specification for Highway Construction Specification 5.16 Supply of Reinforced Concrete Pipe and Related Junctions, Fittings and Materials qualifies under this section.

Caveat: Triangular Reinforced Concrete Box Culvert shall have water passage cross sectional area of less than or equal to 1.767 m².

BEAVER CONTROL
PROPRIETARY

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
Beaver Stop NOTE: "Use is restricted to non-fish bearing streams."	Sloped Grating (Expiry Date: February 2026)	
Beaver Proof ADD ON NOTE: "Use is restricted to non-fish bearing streams."		

END TREATMENTS
PROPRIETARY

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
PRO-ECO-LITE™ REPORT 2005 REPORT 2007 REPORT 2009		

CULVERT LINER

PROPRIETARY

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
	GeoSpray Geo Polymer Mortar (Expiry Date: March 2028)	
	Novaform PVC Liner (Expiry Date: Sept. 2027)	
	Insitupipe (Expiry Date: July 2026)	
	CENTRI PIPE (Expiry Date: Mar 2025)	