

**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. <a href="#">REPORT</a>		

**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		
<a href="#">ARSA MP152</a> (FSI)		
<a href="#">ARSA MP152S</a> (FSI)		

**PROPRIETARY SPCMP**

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

**TUNNEL LINER PLATE**

**PROPRIETARY**

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
<a href="#">Armtec Tunnel Liner Plate</a>		

**CONCRETE ARCH SYSTEMS**

**PROPRIETARY**

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
	<a href="#">BEBO Arch Systems</a> (Expiry Date: TBD by Bridge section)	

**GATES**

**PROPRIETARY**

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
<a href="#">Armtec HG 5615 Heavy Duty Fabricated Gate</a>		
<a href="#">Armtec 20-10 Cast Iron Slide Gate</a>		

**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		
<a href="#">Solflo Max REPORT 2007</a> <a href="#">REPORT 2009</a>	<a href="#">DuroMaxx</a> (Expiry Date: Mar 2028)	
<a href="#">ADS N-12</a>		

**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 m<sup>2</sup>.

**BEAVER CONTROL**

**PROPRIETARY**

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

**END TREATMENTS**

**PROPRIETARY**

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
<a href="#">PRO-ECO-LITE™</a> <a href="#">REPORT 2005</a> <a href="#">REPORT 2007</a> <a href="#">REPORT 2009</a>		

**CULVERT LINER**

**PROPRIETARY**

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
	<a href="#">GeoSpray Geo Polymer Mortar</a> (Expiry Date: March 2028)	
	<a href="#">Novaform PVC Liner</a> (Expiry Date: Sept. 2027)	
	<a href="#">Insitupipe</a> (Expiry Date: July 2026)	
	<a href="#">CENTRI PIPE</a> (Expiry Date: Mar 2025)	