

Department of Transportations

Owner	Gal. CSP	AL2 CSP	PL CSP	Gal. SP	TP SP	HDPE	RCP	Certification	Value Eng.
NL	No	Yes	No	Yes	No	<600mm	Yes	Submitted	Yes
PEI	Yes	Yes	No	No	No	Yes	Yes	Submitted	No
NS	Yes	Yes	No	Yes	No	Yes	Yes	Submitted	Yes
NB	No	Yes	No	Yes	No	Yes	Yes	Submitted	Yes
QC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes - CSP	Yes
ON	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MB	Yes	No	No	Yes	No	?	Yes	No	Yes
SK	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AB	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
BC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NT									
YT									
NU									

Green – verbal acceptance & change from last meeting

Specifications

- ON** MTO Ontario Gravity Pipe Design Guidelines for CSP, HDPE & Precast (April 2014)
Design Build Structural Culverts for SP, CIP, & Precast (March 2015)
- BC MOT** 2016 Standard Specifications for Highway Construction (July 1, 2016)
Covers CSP, HDPE & Precast (July 2016)
- AB** Standard Specifications for Highway Construction (CSP - Section 5.23) (August 2013)
Standard Specifications for Bridge Construction (SPCS - Section 18) (April 2017)
- SK** Specifications for manufactured Materials - Section 701 (May 2017)
- MB** Approved Product List (July 2017)
- NFLD** Specifications Book (March 2011)
- NB** Minimum Standards for the Construction of Subdivision Roads & Streets (May 2017)
- NS** Highway Construction & Maintenance Standard Specification (February 1997)
- PEI** General Provisions and Contract Specifications for Highway Construction (February 2017)

Municipalities 1 of 2

Municipality	Gal. CSP	AL2 CSP	PL CSP	HDPE/PVC	RCP	Value Eng.
Vancouver						
Storm Sewer	No	No	No	?	Yes	
Culverts	No	No	No	?	Yes	
Langley	Follow Van					
Storm Sewer						
Culverts						
Victoria						
Storm Sewer						
Culverts						
Edmonton						
Storm Sewer	No	No	No	PVC	Yes	
Culverts	Yes	No	No	PVC	Yes	
Calgary						
Storm Sewer	Yes	Yes	Yes	PVC & PE	Yes	
Culverts	Yes	No	No	App. Req.	No	
Saskatoon						
Storm Sewer						
Culverts						
Regina						
Storm Sewer	No	No	No	PVC<450mm	?	
Culverts	Yes	Yes	Yes	HDPE	Yes	
Winnipeg	Pending			PVC<900mm		
Storm Sewer		No	No		Yes	
Culverts		No	No		Yes	
Thunder Bay						
Storm Sewer	No	No	No	PVC<375mm	Yes	
Culverts	No	Yes	No	HDP<900mm	No	
Sudbury						
Storm Sewer						
Culverts						
Toronto						
Storm Sewer	No	No	No	PVC	Yes	
Culverts						
Hamilton						
Storm Sewer	No	No	No	PVC	Yes	
Culverts	Yes	Yes	No	HDPE	Yes	
London						
Storm Sewer	No	No	No	Yes	Yes	
Culverts	No	No	No	Yes	Yes	
Windsor						
Storm Sewer	Yes	Yes	Yes	Yes	Yes	
Culverts	No	No	No	PVC & PE	Yes	
Reg. Waterloo						
Storm Sewer	No	No	No	PVC	Yes	
Culverts	No	No	No	Yes<600mm	Yes	
St. Catherines						
Storm Sewer	No	No	No	Yes	Yes	
Culverts	Yes	Yes	Yes	Yes	Yes	

Municipalities 2 of 2

Municipality	Gal. CSP	AL2 CSP	PL CSP	HDPE/PVC	RCP	Value Eng.
Welland Storm Sewer Culverts						
Kingston Storm Sewer Culverts	No No	No No	No No	PVC	Yes Yes	
Ottawa Storm Sewer Culverts						
Oshawa Storm Sewer Culverts						
Montreal Storm Sewer Culverts						
Sherbrooke Storm Sewer Culverts						
Quebec City Storm Sewer Culverts						
Trois-Rivieres Storm Sewer Culverts						
Saguenay Storm Sewer Culverts						
Fredricton Storm Sewer Culverts	No No	No No	No No	Yes No	Yes Yes	
Moncton Storm Sewer Culverts						
Halifax Storm Sewer Culverts	No No	No No	No No	Yes HDPE/PE	Yes Yes	
St. Johns Storm Sewer Culverts	No No	No No	No No	Yes Yes	Yes Yes	

* Mains only, requires approval from Water Resources on a case by case basis. There is a distinction between storm sewers (urban) and culverts in the rural areas. CSP is allowed in rural area for culvert crossings, however not in city storm sewers. For storm sewers, spiral rib profiles are required to achieve required "Manning's" flow. Diameters start at 300mm.

*Winnipeg – Standard pending for Armtec HELCOR & Canada Culvert STEELCOR for outfall piping only

Product / material applications for Spiral Rib storm sewer pipes

St. John's NF	Halifax NS	Fredericton NB	Region of Waterloo ON	Kingston ON
Hamilton ON	London ON	St. Catharines ON	Windsor ON	Welland ON
Thunder Bay ON	Winnipeg MB	Calgary AB	Vancouver BC	