

1901 - USES OF PIPE

SECTION 1901

USES OF PIPE

1901.1 GENERAL

TABLE 1901-1 displays the authorized applications and specification references for all types of pipe utilized by KDOT. This table summarizes general applications for pipe. The Contract Documents should be consulted for specified uses. When a type of pipe is not specified in the Contract Documents, then any type of pipe permitted for the type of construction may be used.

TABLE 1901-1 - USES OF PIPE									
Type of Pipe	AASHTO, ASTM or Specification Class	Type of Construction							Spec.
		Cross Road	Side road & Entrance	Storm Sewer	Under-drain (type)	Under-drain Outlet (type)	Sanitary Sewer	Erosion	
Reinforced Concrete (Arch)	A-II, A-III or A-IV	X	X	X					1902
Reinforced Concrete (Round)	II, III, IV or V	X	X	X					1902
Reinforced Concrete (Horizontal Elliptical)	HE-II, HE-III or HE-IV	X	X	X					1902
Cast Iron Soil							X		1903
Cast Iron or Ductile Iron Pressure	As shown on the Contract Documents						X		1903
Corrugated Steel (Circular or Arch) ³		X ²	X ²	X ²	F ¹	G ¹		X	1904 & 1905
Corrugated Steel (Bituminous Coated Arch)		X ²	X ²	X ²				X	1906
Corrugated Steel (Bituminous Coated Circular)		X ²	X ²	X ²				X	1906
Corrugated Aluminum (Circular or Arch)		X	X	X	F ¹	G ¹		X	1904 & 1905
Corrugated Aluminum (Bituminous Coated Arch)		X	X	X				X	1906
Corrugated Aluminum (Bituminous Coated Circular)		X	X	X				X	1906
Corrugated Steel (Bituminous Coated Circular Fully Paved)		X ²	X ²	X ²					1906
Corrugated Aluminum (Bituminous Coated Circular Fully Paved)		X	X	X					1906
Corrugated Polyethylene Tubing					L ¹	E ¹			1907
Polyethylene (PE) ⁴		X ²	X	X ²					1908
Polyvinyl Chloride (PVC) ⁵		X ²	X	X ²	H ¹	K ¹	X		1909

¹The letter signifies the underdrain type designation as shown in **DIVISION 800**.

²Consult the KDOT pipe policy for locations and applications where the use of CSP, PE or PVC is prohibited. Contact the Bureau of Construction and Materials for additional information.

³Includes zinc coated (galvanized) and aluminum alloy (aluminized) coated pipe and pipe-arches provided under **SECTION 1904**. Consult the KDOT pipe policy for locations and applications where the use of galvanized CSP and aluminized CSP is prohibited.

⁴Maximum size (nominal) = 60 inches.

⁵Maximum size (nominal) = 36 inches.