

**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 the 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.

<b>TABLE 1901-1 - USES OF PIPE</b>									
<b>Type</b>	<b>AASHTO, ASTM or Specification Class</b>	<b>Type of Construction</b>							<b>Spec.</b>
		<b>Cross Road</b>	<b>Entrance</b>	<b>Storm Sewer</b>	<b>Under Drain (type)</b>	<b>Under Drain Outlet (type)</b>	<b>Sanitary Sewer</b>	<b>Erosion</b>	
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 Pipe							X		1903
Cast Iron or Ductile Iron Pressure Pipe	As shown on the Contract Documents						X		1903
Corrugated Steel (Circular or Arch)		X <sup>2</sup>	X	X <sup>2</sup>	F <sup>1</sup>	G <sup>1</sup>		X	1904 & 1905
Corrugated Steel (Bituminous Coated Arch)		X <sup>2</sup>	X	X <sup>2</sup>				X	1906
Corrugated Steel (Bituminous Coated Circular)		X <sup>2</sup>	X	X <sup>2</sup>				X	1906
Corrugated Aluminum (Circular or Arch)		X	X	X	F <sup>1</sup>	G <sup>1</sup>		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 <sup>2</sup>	X	X <sup>2</sup>					1906
Corrugated Aluminum (Bituminous Coated Circular Fully Paved)		X	X	X					1906
Corrugated Polyethylene Tubing					L <sup>1</sup>	E <sup>1</sup>			1907
Polyethylene (PE) Pipe		X <sup>2</sup>	X	X <sup>3</sup>					1908
Polyvinyl Chloride (PVC) Pipe		X <sup>2</sup>	X	X <sup>3</sup>	H <sup>1</sup>	K <sup>1</sup>	X		1909

<sup>1</sup>The letter signified the under-drain type designation as shown in **DIVISION 800**.

<sup>2</sup>Consult the KDOT cross road pipe policy for locations in Kansas where the use of CSP, PE or PVC is prohibited. Contact the Bureau of Materials and Research for additional information.

<sup>3</sup>Not intended for use beneath paved travelways on routes maintained by KDOT.