



May 31, 2019

To: Private Development and Public Improvement Civil Engineers

**Re: City of Broken Arrow - Standard Construction Specifications
Amendment Regarding Corrugated Polypropylene Pipe**

To All:

The City of Broken Arrow has amended the criteria within the City of Broken Arrow - Standard Construction Specifications, in regards to storm conveyance pipe materials. Please find the attached document.

This Amendment will allow the use of Corrugated Polypropylene Pipe, commonly sold as HP Storm, to be allowed for use in residential street applications.

Corrugated Polypropylene Pipe is not allowed under other street classifications, including Arterial, Commercial or Industrial streets, without flowable fill.

If any additional information is required, please contact the Engineering and Construction Department.

Alex Mills, PE, CFM
Director, Engineering and Construction

Standard Construction Specifications, Approved August 19, 1999

Section 200 – Streets

204.08 Storm Sewer: Add section

G. Corrugated Polypropylene Pipe:

1. Corrugated Polypropylene Pipe (CPP), in diameters from 15 inches to 60 inches, may be used in residential storm drainage systems within the City of Broken Arrow. CPP is not permitted under other street classifications, including Arterial, Commercial or Industrial streets, without flowable fill.
2. Material Specifications: CPP shall have smooth interior and annular exterior corrugations for a double wall configuration and conform to ASTM F2881 or AASHTO M330. The bell and spigot and fittings shall be watertight according to the requirements of ASTM D3212. The gaskets shall be factory installed and protected with a wrap. The gaskets shall meet the requirements of ASTM F477.
3. Construction Specifications: Construction of CPP storm sewers shall be in accordance with the manufacturer's recommended construction specifications or the applicable ODOT specifications whichever is more restrictive.