



PUBLIC WORKS
Engineering

DATE: April 25, 2026

TO: PAUL ZACHARY,
PUBLIC WORKS DEPUTY
DIRECTOR

FROM:  H. SOMDECERFF,
PUBLIC WORKS DESIGN
MANAGER

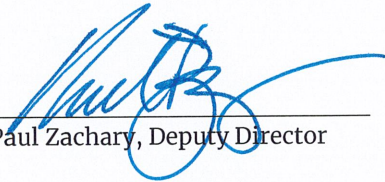
The Specification Review Committee recommends and asks the Public Works Deputy Director to approve the following:

1. Approve Modification to Division 2 Part 208- Polyvinyl Chloride (PVC) Pipe, Sewer Service.
Summary of change: To update AWWA, ASTM, ANSI, and ASME references.

Please call Marlene Segura at (918) 596-7355 If you have any questions.

Thank you,

APPROVED:



Paul Zachary, Deputy Director



Date

Cc: Public Works Engineering Services Specification Review Committee

PART 208 - POLYVINYL CHLORIDE (PVC) PIPE, SEWER SERVICE

- 208.1 Where polyvinyl chloride (PVC) pipe, fittings, or tees (8 inches in diameter through 60 inches in diameter) are specified or required for sewer service, it shall conform to and be tested in accordance with the current edition of ASTM D3034, Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings, for standard dimensional ratio (SDR) of 26. Minimum pipe stiffness for all sizes shall be 115 psi. Where PVC pipe larger than 15 inches is required, Engineer of record will produce project specific Technical Specifications approved by the City of Tulsa.
- 208.2 Where PVC force mains (4 inches through 60 inches in diameter) are specified, PVC pipe shall conform to and be tested in accordance with ASTM D2241, SDR21(PR 200) [4-inch through 24-inch nominal diameter] or AWWA C900 DR21 (PC 200) [30-inch through 60-inch nominal diameter]. AWWA C900 pipe shall be green in color. Should the Project require lower dimension ratio (higher pressure class), the engineer of record shall include a special revision in the bidding documents noting the higher-pressure needs superseding this standard.
- 208.3 The PVC sewer pipe shall be supplied in 20-feet or 22-feet laying lengths as specified.
- 208.4 Where it is necessary to connect PVC sewer pipe to ductile iron pipe and AWWA C110 long body solid sleeve shall be used with a special gasket for the PVC pipe. Flexible couplings will not be permitted.
- 208.5 Where PVC sewer pipe is being installed, the fittings for the service line and the in-line tees and risers for future service connections shall be of the same material as the mainline, manufactured and specifically designed for connection to Schedule 40 PVC service lines.
- 208.6 The manufacturer shall maintain quality control through regularly scheduled testing in accordance with all referenced ASTM standards. Testing for flattening and the pipe stiffness shall be performed on one test specimen for each size and class of pipe produced for the project. Manufacturers shall furnish certifications that the material was manufactured, sampled, tested, and inspected in accordance with all applicable specifications. The certifications shall indicate the manufacturer's production code from which the plant location, machine, and date of manufacture can be identified.