

Illinois Department of Transportation
Bureau of Bridges and Structures

[Prequalified Structural System \(PQSS\)](#) List
**CORRUGATED PLASTIC PIPE WITH A SMOOTH INTERIOR UTILIZED AS
PIPE CULVERT OR STORM SEWER**
Effective February 16, 2024

This list supersedes [February 17, 2023](#) list.
Standard Specifications for Road and Bridge Construction, Sections 542 and 550

For information regarding new [system submittals](#), [see pages 4 and 5](#).

Corrugated Polyvinyl Chloride Pipe with a Smooth Interior (CPVC)	
Material Codes: 49223 (storm sewer); 49225 (pipe culvert)	
Contech Engineered Solutions 9025 Centre Pointe Drive, Suite 400 West Chester, OH 45069 Date Approved: Contact Name: Darrell Sanders Phone Number: 513-645-7511 Product name: A-2000 (Approved dia. in., mm / max. fill Type): (10, 250 / 7), (12, 300 / 7), (15, 375 / 7), (18, 450 / 7), (21, 525 / 7), (24, 600 / 7), (30, 750 / 7), (36, 900 / 7)	

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Corrugated Polyethylene Pipe with a Smooth Interior (CPE)	
Material Codes: 49304 (storm sewer); 49306 (pipe culvert)	
<p><u>Advanced Drainage Systems, Inc. (ADS)</u> 4640 Trueman Blvd. Hilliard, OH 43026 Date Approved: Contact Name: Bryan Miko Phone Number: 630-945-7189 Product name: N-12 Dual Wall (Approved dia. in., mm / max. fill Type): (10, 250 / 4), (12, 300 / 4), (15, 375 / 3), (18, 450 / 4), (24, 600 / 3), (30, 750 / 3), (36, 900 / 2), (42, 1050 / 2), (48, 1200 / 2), (60, 1500 / 2)</p>	<p><u>Fratco</u> 4385 S. 1450 W. Francesville, IN 47946 Date Approved: Contact Name: Craig Douglass Phone Number: 800-854-7120 Product name: Smooth Corr V Series (Approved dia. in., mm / max. fill Type): (12, 300 / 2), (15, 375 / 3), (18, 450 / 3), (24, 600 / 2), (30, 750 / 3), (36, 900 / 2), (42, 1050 / 3), (48, 1200 / 2)</p>
<p><u>Prinsco, Inc.</u> 1717 16th St. NE Willmar, MN 56201 Date Approved: Contact Name: Jason Ahrenholz Phone Number: 320-222-6800 Product name: GOLDFLO / GOLDFLO WT (Approved dia. in., mm / max. fill Type): (10, 250 / 5), (12, 300 / 5), (15, 375 / 4), (18, 450 / 4), (24, 600 / 3), (30, 750 / 3), (36, 900 / 3), (42, 1050 / 2), (48, 1200 / 2), (60, 1500 / 2)</p>	<p><u>Springfield Plastics, Inc.</u> 7300 W State Rt. 104 Auburn, IL 62615 Date Approved: Contact Name: Doug Baker Phone Number: 800-252-3361 Product name: Dual Wall Pipe (Approved dia. in., mm / max. fill Type): (10, 250 / 4), (12, 300 / 3), (15, 375 / 2), (18, 450 / 3), (21, 525 / 3), (24, 600 / 3), (30, 750 / 2), (36, 900 / 2), (48, 1200 / 1)</p>
<p><u>Timewell Drainage Products</u> 196 US 24 1075 N. Ave. Timewell, IL 62375 Date Approved: Contact Name: Brad Henry Phone Number: 800-720-8453 Product name: MaXflo Dual Wall AASHTO (Approved dia. in., mm / max. fill Type): (12, 300 / 4), (15, 375 / 3), (18, 450 / 3), (24, 600 / 3), (30, 750 / 3), (36, 900 / 2), (48, 1200 / 2)</p>	

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Corrugated Polypropylene Pipe with a Smooth Interior (CPP)	
Material Codes: 49808 (storm sewer); MC49809 (pipe culvert)	
<u>Advanced Drainage Systems, Inc. (ADS)</u> 4640 Trueman Blvd. Hilliard, OH 43026 Date Approved: Contact Name: Bryan Miko Phone Number: 630-945-7189 Product name: HP Storm (Approved dia. in., mm / max. fill Type): (12, 300 / 5), (15, 375 / 5), (18, 450 / 4), (24, 600 / 4), (30, 750 / 5), (36, 900 / 3), (42, 1050 / 3), (48, 1200 / 3), (60, 1500 / 3)	<u>Advanced Drainage Systems, Inc. (ADS)</u> 4640 Trueman Blvd. Hilliard, OH 43026 Date Approved: Contact Name: Bryan Miko Phone Number: 630-945-7189 Product name: SaniTite HP (Approved dia. in., mm / max. fill Type): (12, 300 / 5), (15, 375 / 5), (18, 450 / 4), (24, 600 / 4), (30, 750 / 3), (36, 900 / 3), (42, 1050 / 3), (48, 1200 / 3), (60, 1500 / 3)
<u>Prinsco, Inc.</u> 1717 16th St. NE Willmar, MN 56201 Date Approved: Contact Name: Jason Ahrenholz Phone Number: 320-222-6800 Product name: GOLDPRO STORM (Approved dia. in., mm / max. fill Type): (12, 300 / 4), (15, 375 / 5), (18, 450 / 4), (24, 600 / 4), (30, 750 / 4), (36, 900 / 4), (42, 1050 / 3), (48, 1200 / 2), (60, 1500 / 3)	

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Submittal Requirements for Evaluation and Pre-Qualification

A. Scope

Before CPVC, CPE, or CPP pipe can be used for pipe culvert or storm sewer on a Department project, the product shall be reviewed and pre-qualified for general use, and the manufacturer/ supplier shall have a producer/supplier number assigned to their facility (see approval procedures at <https://idot.illinois.gov/doing-business/material-approvals/producer-and-supplier-approval.html>). The following guidelines are provided to clarify the submittal requirements and expedite the process.

B. Procedure

Companies interested in being considered pre-qualified to supply CPVC, CPE, or CPP pipe as specified in Section 542 for Pipe Culverts and Section 550 for Storm Sewers of the IDOT Standard Specifications shall provide [an electronic copy of a system review package to the Department at DOT.Bridge.ProductEvaluations@illinois.gov](#) for review and evaluation. As a minimum, the system review package should contain the following:

1. Acknowledgement by Company Form [BMPR 101](#) (locate the form [here](#), right-click and "Save link as..." to download a working copy and open in a separate PDF editor). If your company does not already have a product included on an IDOT PQSS, please submit a signed copy of the Acknowledgement by Company form with your product submittal.
2. Pipe manufacturer's company name to be listed on the website, and the address and phone number to each manufacturing plant intending to produce product for Illinois.
3. The company's contact person's name, title, address, email address and phone number.
4. Pipe type and pipe brand name.
5. Idealized section properties for each pipe diameter. (*Form [BBS 155](#); see Step 1 above for form instructions)
6. Stub compression test numbers for each pipe diameter. (*Form [BBS 155](#); see Step 1 above for form instructions)
7. Certification statement that all fabrication plants which produce for Illinois, produce the same pipe profiles for each diameter.
8. All materials specifications.
9. A signed statement attesting the pipe profiles will not be changed without written notification to the Department.
10. Documentation of [AASHTO Product Evaluation & Audit Solutions \(formerly NTPEP\)](#) compliance as applicable and required by the IDOT Standard Specifications.
11. To complete your pre-qualification process, the [material code you propose to utilize at the fabrication plant\(s\) supplying your product shall be approved by the Central Bureau of Materials and Physical Research](#). Please click [here](#) for more information on that process.

The material codes applicable for this pre-qualification are:

- a. 49223 Pipe, Storm Sewer, Corrugated PVC With Smooth Interior
- b. 49225 Pipe, Culvert, Corrugated PVC With Smooth Interior
- c. 49304 Pipe, Storm Sewer, Corrugated Polyethylene, Smooth Interior
- d. 49306 Pipe, Culvert, Corrugated Polyethylene, Smooth Interior
- e. 49808 Pipe, Storm Sewer, Corrugated Polypropylene, Smooth Interior
- f. 49809 Pipe, Culvert, Corrugated Polypropylene, Smooth Interior

If you have any questions concerning the specification or the requested information, please contact the Policies, Standards and [Final Plan Control](#) Unit at DOT.Bridge.ProductEvaluations@Illinois.gov.

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C. Recertification

There is no renewal process or reapplication process to stay on this list; however, the Department reserves the right to remove any system based on past performance. In addition, it is the responsibility of the manufacturer/supplier to inform the Department of any changes in design or component information, contact information, etc. If it is discovered that changes have been made without informing the Department, the Department reserves the right, depending on the severity of the omission, to remove that system from the pre-qualified list.

Presence on this list does not exempt the manufacturer/supplier from meeting all the job specific submittal requirements and all the material requirements specified including component testing and/or material certifications as applicable.