

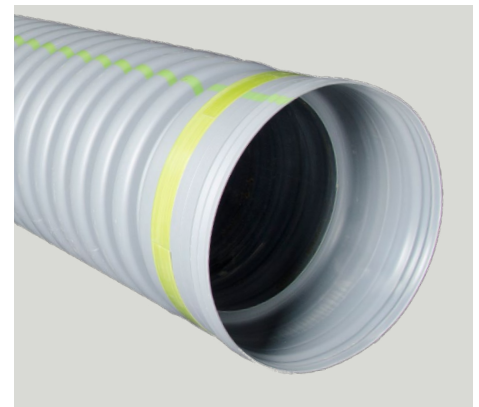
# UPDATED SPECIFICATIONS FOR POLYPROPYLENE PIPE

## NJDOT, NJRSIS and Port Authority of NY & NJ

Corrugated High Performance Polypropylene Pipe, like ADS HP Storm, is widely approved and accepted on public projects throughout New Jersey.

NJDOT, NJRSIS, and PANYNJ have updated their construction specifications to allow for PP pipe so they too can capitalize on the benefits of new technologies. HDPE pipe is also included. By following the guidance of AASHTO Bridge Construction Specification Section 30, townships and other public entities can specify new and improved materials for their public infrastructure improvement projects.

- Use PP pipe under any HS-25 traffic area with at least 12" of cover (top of pipe to bottom of asphalt)
- Miles of PP pipe have already been installed on public and private projects including airports, warehouses, public institutions, residential and commercial developments, and sanitary sewer improvements.
- PP Pipe is supported and approved by NJDOT, NJRSIS, and PANYNJ.
- Water-tight joints meet the NJDEP requirements for rainwater harvesting cisterns under the new Stormwater BMP Manual systems.
- Supported by ADS' extensive sales team, tech services, and engineering teams



### Polypropylene (PP) Pipe



Sanitary Sewer  
Grade Joint



High Pipe  
Stiffness



Service Life



Light Weight:  
 $\frac{1}{20}$  the weight  
of Class III RCP



Chemically  
Inert



Lowest  
Installed  
Cost

### Approval of 12" – 60" PP pipe, in accordance with AASHTO M330



#### Addition of Post Installation Inspection Requirements for all drainage pipes, including PP, HDPE and RCP

NJDOT and PANYNJ has recognized the need to ensure resiliency of new construction. They recognize that requiring post installation inspection on all storm pipes will ensure proper installation and reduce long term maintenance costs on their storm sewers.

# Open up competition, drive down cost

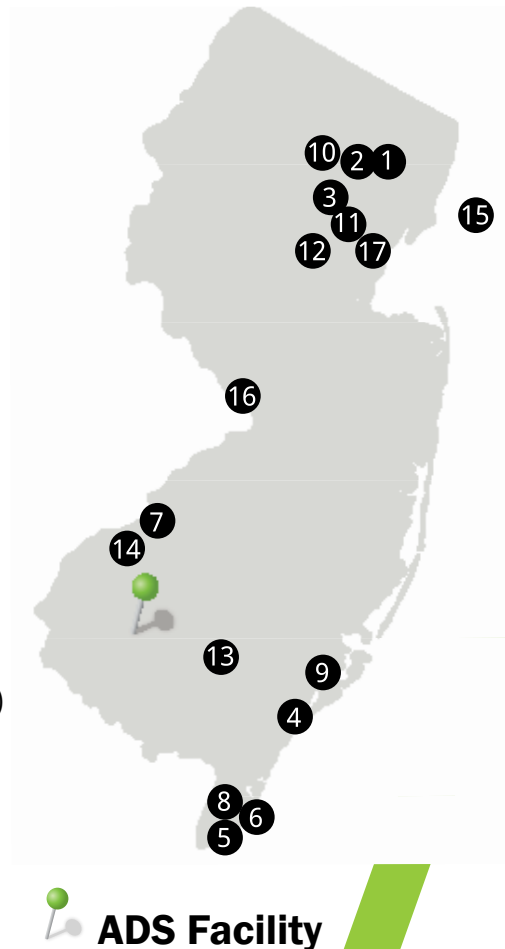
When multiple materials are specified, you are ensured that:

- ✔ Performance based standards are met.
- ✔ Open competition is present, driving down overall installed cost.

Research suggests that municipalities which bid two or more technically qualified materials save up to 50% in total installed costs versus municipalities that specify and bid only one material.

## Local Highlighted Projects

- 1 Paterson Sanitary Sewer Replacement Project (30" & 36" SaniTite)
- 2 Montville Drainage Improvement Project (12" HP Storm)
- 3 Parsippany Drainage Improvement Project (12" HP Storm)
- 4 Ocean City 2018 Road Improvement Program – Phase 1 (12"-24" & 48" HP Storm, 12" perf HP Storm)  
Ocean City 2018 Road Improvement Program – Phase 5 (12"-18" HP Storm, 12" perf HP Storm)  
Ocean City North End Drainage Improvements (12", 18" & 30" HP Storm)
- 5 North Wildwood 14<sup>th</sup> & 15<sup>th</sup> Street Bulkhead Improvements (36" & 48" HP Storm)  
North Wildwood West Side Drainage Improvements – 15th, 16th and Delaware Avenues (30", 36", 42" and 48" HP Storm)  
North Wildwood 2014 Street and Utility Reconstruction – (funded by Environmental Infrastructure Trust) (30"-48" HP Storm)
- 6 Sea Isle City County Road Project, 59th Street (48" HP Storm)
- 7 Gloucester City Combined Sewer project (36" SaniTite)
- 8 Cape May County project in West Cape May (24" HP Storm)
- 9 Clematis Avenue Sanitary Sewer Replacement - Pleasantville (18" SaniTite)
- 10 Improvements to Waughaw Road – Montville (12"-18" HP Storm)
- 11 Brookside Place Drainage Improvements – Cranford (24" HP Storm)
- 12 Old Stirling Road Improvements – Warren (15" HP Storm)
- 13 NJDOT Test Project – Winslow Township (24" HP Storm)
- 14 Bellmawr Landfill Drainage Project (36"-48" HP Storm)
- 15 Laguardia Airport (36"-48" HP Storm)
- 16 Trenton-Mercer Airport (36"-48" HP Storm)
- 17 Newark Liberty International Airport (36"-48" HP Storm)



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