

Public Infrastructure



Water Management Solutions Provider

Advanced Drainage Systems is a leading provider of innovative water management solutions in the stormwater and on-site septic wastewater industries, providing superior drainage solutions for use in the construction and agriculture marketplace.



Ticker: WMS
Since 2014



50 Years
Providing solutions



\$2.7 Billion
2022 Revenue



1st
in Corrugated Plastic Pipe



10+ billion
Feet of ADS pipe in service
around the world today



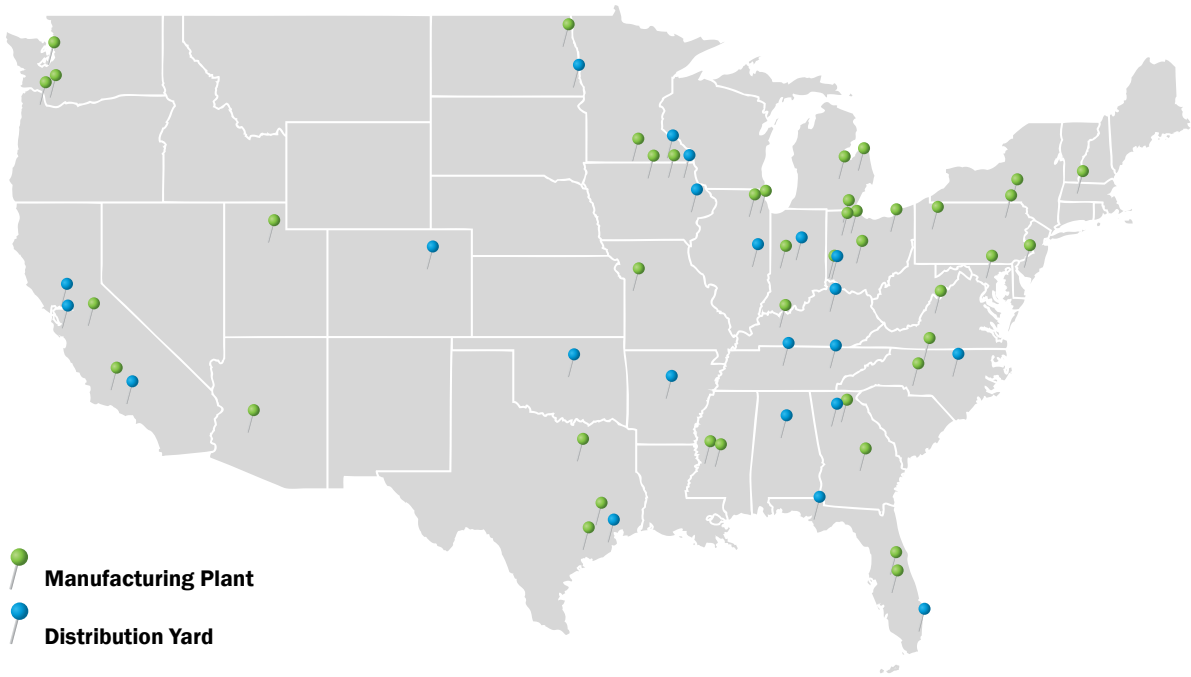
350+
Total Number of Product
Solutions



500+ million
Pounds of plastic recycled
annually by ADS



4,500+
Solutions Providers



~60

Domestic & International
Manufacturing Plants

30+

Distribution Centers
Across U.S. & Canada

80+

International Countries
Served

~2,000

Distribution Partners

Hugh K. Leatherman Sr. Terminal

Installation Date

March 2020

Engineer

Infrastructure Consulting & Engineering, PLLC, Columbia, SC

Contractor

Banks Construction Company, N. Charleston, SC

Products

7,000' of 60" HP Storm	4,460' of 30" HP Storm
1,300' of 48" HP Storm	5,900' of 24" HP Storm
2,260' of 42" HP Storm	4,880' of 18" HP Storm
2,440' of 36" HP Storm	200' of 12" HP Storm

Description

During design of the Hugh K. Leatherman Sr. Terminal, the engineers' challenge was projected shifting of the sites' imported rock and currents from the Cooper River. After reviewing data, it was determined that concrete pipe, initially selected for the stormwater runoff system, was not capable of providing the joint performance due to anticipated settlement. The engineer wanted to utilize a flexible pipe system so the pipe could adapt to settlement on the site.

"One of the biggest issues was the very poor soil and the anticipation of as much as a foot of settlement after construction," said Stuart Timmons, P.E., water resources engineer for Infrastructure Consulting & Engineering PLLC. "The settlement of 12 inches (300 mm) over 25 years is not something that you typically see on a major infrastructure project like this one. That was definitely a key factor we were always designing around and looking at ways that would better suit those conditions. It was the number one challenge we had to overcome."



Seattle-Tacoma International Airport
SeaTac, WA
16,000' of 12"-36" of SaniTite HP
8,640' of 6" of perforated N-12



I-85 & I-385 Interchange
Greenville, SC
41,000' of 12"-48" N-12



Our reason is **water.**TM

06-442564 State Route 46
Lost Hills, CA
13,000' of 18-36" HP Storm



Scott Air Force Base
St. Clair County, IL
31,000' of 12"-36" HP Storm



Norfolk Southern
Chicago, IL
10,000' of 8"-60" N-12



I-15 Widening
Salt Lake City, UT
36,000' of 6"-36" N-12



Service Life



Easy & Safe to Cut:
No Silica or Metal



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



Lowest
Installed Cost



Less Truckloads/
Easy Security Clearance



International Speedway Blvd.
Daytona Beach, FL
30,000' of 18"-48" HP Storm
134 Inserta Tee®



Richmond International Airport
Richmond, VA
2,000' of 24-42" HP Storm
500' of 30" N-12®



**LaGuardia Redevelopment:
Terminal B**
Queens, NY

Aviation



**Jackson-Medgar Wiley Evers
International Airport**
Jackson, MS

13,000 of 24"-60" HP Storm

Two runways, that serve daily commercial aircraft and the 172nd Airlift Wing of the Mississippi Air National Guard, needed replaced due to an old RCP system that had joint failures causing sink holes. HP Storm was chosen because of its 20' lengths.



Port Columbus Intl. Airport
Columbus, OH

18,000' (5,480 m) of SaniTite® HP

The runway 10R/28L project included a new 10,113-foot (3,082 m) runway to replace the current patchwork runway. The crew was able to install 200' of 36" pipe in just 90 minutes at one point. SaniTite HP was easily maneuverable and light weight.



DFW International Airport
DFW Airport, TX

5,180' of 8" N-12 pipe

The end-around taxiway is designed to enhance airfield safety and efficiency and reduces aircraft taxi times. The project resulted in net-zero in flow-rate and velocity at each of the impacted outfalls.

Transportation



I-95 Expansion Broward County, FL

23,600' of 18" HP Storm
5,780' of 24" HP Storm
4,880' of 30" HP Storm
2,480' of 36" HP Storm

Polypropylene pipe was chosen because it consistently passed the DOT's mandate that all projects undergo a laser profile inspection that checks for joint gaps, cracks and the pipe's ovality.



Colorado Department of Transportation: Central I-70 Denver, CO

17,240' of 12"-36" HP Storm
380' of 12" Single Wall

A 10 mile stretch between Brighton Blvd. and Chambers Rd. along Interstate 70. This is Colorado's largest infrastructure project to date.



VDOT: I-95 South Auxiliary Lane Alexandria, VA

2,280' of 15"-18" HP Storm

An auxiliary lane was added southbound on Interstate 95 from Gordon Boulevard (SR 123) to the Prince William Parkway (SR 294). HP Storm was proposed in order to prevent site delays presented by supply chain challenges.

Rail



Norfolk Southern Chicago, IL

10,000' of 8"-60" N-12

Old industrial parks in Chicago were converted to two rail/truck intermodal yards because of the increasing freight traffic in the region. N-12 pipe was used because it withstands massive live loads which can exceed 250,000 pounds (113,398 kg) with variable depths of cover and its proven structural capacity under Cooper E80 loading conditions.



CSX SunRail: Altamonte Springs Station Orlando, FL

1,304 SC-740 StormTech Chambers

The FDOT, Federal, and Local governments worked together to reduce congestion on I-4 by creating the 17 station SunRail commuter rail line. To maximize the amount of parking spaces available, the StormTech SC-740 chamber system was designed and installed to meet local stormwater requirements.



FRA Transportation Technology Center Pueblo, CO

ADS performed full scale testing under E-80 loading with fully instrumented pipe. The resulting data provided positive technical justification for corrugated plastic pipes inclusion in the AREMA Design Guidelines.

Water Management Solutions



Capture



Nyloplast®



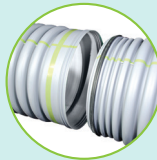
Duraslot®



Conveyance



N-12®



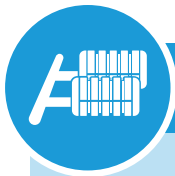
HP Storm



Single Wall



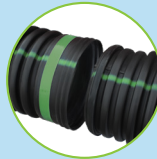
Geosynthetics



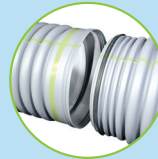
Storage



StormTech®



N-12®



HP Storm



Treatment



Water Quality



Inlet Filters

adspipe.com

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