PROJECT PROFILE

AR Highway Department Right-of-Way

White Oak Station #28

ENGINEER C.E.I. Engineering Associates, Inc

CONTRACTOR Northwest Utility Services

PROJECT DESCRIPTION Installation of a Nyloplast 2x3 Road and Highway drainage structure and grate in the Arkansas Highway and Transportation Department right-of-way in Bentonville, AR. Also on the site are 4 Nyloplast 2x3 combination curb inlet structures with diagonal grates, a 24” Nyloplast weir control/diversion structure with solid cover for the Stormtech detention system and a 24” Nyloplast structure with a solid cover as a junction box.

PROJECT HIGHLIGHTS This project is the first project allowed by the district office of the Arkansas Highway and Transportation Department (AHTD) in Northern Arkansas. This led to the approval of Nyloplast by the AHTD. The ease of installation as well as the benefits of a longer design life, high safety factor and ease of maintenance made this the preferred choice for this project. The Nyloplast weir structures channel the first flush flows into the Stormtech System Isolator Rows where the silt and debris is collected. The Isolator Row is easily accessed and maintained through the Nyloplast structure. The combination curb inlets provide efficient high flow drainage of all parking areas in and around the building.

ADS PRODUCTS USED (4) Nyloplast 2x3 curb inlets with diagonal vein grates, (1) Nyloplast weir structure with solid cover for flow control into the Stormtech detention system Isolator row, (1) Nyloplast junction box with solid cover, (1) Nyloplast 2x3 road and highway structure used as an area drain (DOT right-of-way), Stormtech chamber detention system as well as ADS piping system, header system.

Nyloplast
3130 Verona Ave.
Buford, GA 30518
Phone: 770-932-2443
Fax: 770-932-2490

The Most Advanced Name in Drainage Systems®