

CASE STUDY

HP Storm Creates Savings in California Right-of-Way Install

Woodlake, CA

OWNER

Yanez Homes, Reedley, CA

ENGINEER

Allen Williams Engineering, Visalia, CA

CONTRACTOR

RT Nelson Construction, Ivanhoe, CA

INSTALLATION DATE

Summer 2021

PRODUCTS

540' (164 m) of 12" (300 mm) HP Storm
600' (183 m) of 15" (375 mm) HP Storm
540' (165 m) of 18" (450 mm) HP Storm
1,200' (366 m) of 30" (750 mm) HP Storm
2,100' (640 m) of 48" (1200 mm) HP Storm

DESCRIPTION

Another newly constructed stormwater infrastructure project in California's Central Valley utilized HP Storm pipe. HP Storm, manufactured from polypropylene, is being used widely in the Central Valley under the right-of-way.

RT Nelson Construction installed HP Storm in lieu of reinforced concrete pipe (RCP), which was originally scheduled for the project. HP Storm was selected as it provides significant cost savings and since it is manufactured in Madera, CA allows for installation and schedule time savings as well.

Over 3,300' (1,006 m) of the installed pipe was large diameter pipe, including 2,100' (640 m) of 48" (1200 mm) and 1,200' (366 m) of 30" (750 mm).

HP Storm polypropylene pipe provides a greater pipe stiffness for a longer service life and a premium joint performance. The smooth interior wall offers additional strength as well as superior flow. Polypropylene is resistant to the effects of chemicals, abrasion and effluent.

