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Project: 20 MW Capacity Enhancement Phase 1 & 2
Location: Philadelphia Navy Yard, PA

Project Details:

Aaron Enterprises, Inc. was contracted to complete a design build HDD across a channel at the Navy Yard in Philadelphia. The crossing length was 1100 LF to install a 16" HDPE bundle. HDD design completed by AEI can be found below. 36" conductor casing and chemical grouting was employed due to contaminated ground on rig side. AEI was contracted two years later to complete the second phase which consisted of an additional 3300 LF of 24" HDPE bundle install on three separate crossings by HDD.

Final Product: Phase 1: (4) 6" HDPE bundle, Phase 2: (8) 6" HDPE bundle

Geology: Low blow count sand

Project Profile

Engineering Services

Completion Date

Phase 1- February 2019
 Phase 2- October 2021

Installation Methods:

Horizontal Directional Drilling
 Pipe Ramming
 Soil Stabilization
 Grouting
 Engineering Services

Markets Served:

Electric



Owner:

US Navy

Engineer:

Burns Engineering Inc.,
 David Mason Associates, & Pennoni

Contractor:

JPC Group, Inc./Miller Bros. Construction, Inc.

For More Information:

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 Reference Job # 1824546/2031346

