
Case Study: PennDOT Driver License Center

Custom Booster Pump System | BAA Compliant Fabrication

Project Type	Municipal Facility
System	Custom Booster Pump Package
Pump Basis	Grundfos CR Vertical Multistage Pumps
Fabrication	American-Made Steel Base
Key Requirement	Buy American Act (BAA) Compliance
Manufacturer	FabPro Systems

Engineering Challenge

A project at a PennDOT Driver License Center required a water booster system that complied with Buy American Act (BAA) procurement standards. Many packaged pump systems rely on imported fabricated components that do not meet these requirements.

The contractor needed a system that satisfied both the mechanical performance requirements of the installation and the sourcing rules tied to government-funded infrastructure.

FabPro Solution

FabPro Systems fabricated a custom booster pump package using Grundfos CR vertical multistage pumps mounted on a custom fabricated American-made steel base.

Because FabPro specializes in engineered pump system fabrication, the system could be designed specifically for the project while maintaining compliance with BAA sourcing requirements.

Technical Callouts

BAA-Compliant Fabrication

Structural steel base fabricated using American-sourced materials.

Grundfos CR Pump Platform

High-efficiency vertical multistage pumps designed for commercial pressure boosting applications.

Custom Fabrication

Base and mounting assembly designed specifically for the project installation.

Government Infrastructure Ready

System configuration suitable for municipal and publicly funded facilities.

Project Results

The fabricated booster pump package allowed the project team to complete the PennDOT facility installation while maintaining compliance with federal procurement requirements.

FabPro's ability to fabricate structural components domestically provided a reliable solution where standard packaged equipment would not meet BAA sourcing requirements.

System Summary

Application	PennDOT Driver License Center
System Type	Booster Pump Package
Pump Model	Grundfos CR Vertical Multistage
Fabrication	American-made steel base
Compliance	Buy American Act (BAA)

Need a Custom Pump Package?

FabPro Systems designs and fabricates custom pump assemblies, skid packages, and mechanical system bases for commercial and industrial applications. If your project requires a custom fabricated system or BAA-compliant solution, contact our team to discuss your requirements.

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