PennDOT
Compressed Natural Gas (CNG)
PUBLIC-PRIVATE PARTNERSHIP (P3)

Under PennDOT’s Public-Private Partnership (P3) contract, Larson Design Group teamed with partner developer Trillium CNG for design and construction for 29 compressed natural gas fueling stations and 22 repair garage modifications for transit authorities statewide. It is the largest and one of the first P3 projects for US transit fuelling. This project helps transit agencies, municipalities, and the Commonwealth to save money while reducing NOx emissions by 90%, with a projected net zero cost to taxpayers.

Multiple locations throughout Pennsylvania

29 AGENCIES  1,600 BUSES  $46M SAVINGS  90% NOx REDUCTION

Some of the CNG stations are being tapped at competitiveness rates by commercial ground transport companies to more efficiently serve their trucking routes and customer base.

County and state elected officials and industry leaders dedicate one of the 29 CNG fueling facilities in Pennsylvania, demonstrating widespread interest in this exciting energy technology.

Innovative prototypical design standards allow for simpler installation of station equipment at a faster pace and provide greater degrees of future maintenance access.