

PennDOT CNG Fueling Stations for Public Transit Agencies

***A Public-Private Partnership
(P3) Project***

Scope of Project

- 23 Transit Agencies
- 27 Transit Agency Locations
- Construction of compressed natural gas (CNG) fueling stations
- Modifications to vehicle maintenance facilities
- Modifications to vehicle storage garages

Tentative Procurement Timeline

Shortlisted Teams Announced – Jan. 2015

**Draft Request for Proposals (RFP)
Process – Ongoing**

Final RFP Issued – Oct. /Nov. 2015

Proposals Due – January 4, 2016

**Announcement of Preferred Proposer –
Anticipated February/ March 2016**

Shortlisted Proposers

- Clean Energy - Newport Beach, CA

- GP Strategies - Escondido, CA
 - L.R. Kimball - Ebensburg, PA
 - McCrossin - Belefonte, PA
 - Gladstein, Neandross & Associates – Santa Monica, CA

- Trillium CNG – Salt Lake City, UT
 - Larson Design Group - Williamsport, PA

Project Goals & Objectives

- Provide cost-effective CNG fuel availability to enable transit fleets to switch from diesel and gasoline to CNG
- Operational cost savings for transit agencies
- Reduce greenhouse gas emissions
- Deliver operational, maintenance and safety expertise
- Provide retail CNG fueling to the public, where feasible
- Establish consistency between transit agencies for the deployment of CNG fueling infrastructure

Project Delivery

- PennDOT is seeking a turn-key solution which includes:
 - Design and construction of fueling stations and necessary facility upgrades
 - Upfront private-sector investment
 - Ongoing operation and maintenance responsibility for fueling stations

Contractual Arrangement

- Private Partner (Development Entity) will:
 - Make necessary utility upgrades
 - Compress the gas and make it available for fueling both for transit and third parties.
 - Operate and maintain the stations
 - Be compensated for capital and operational costs
 - Be subject to liquidated damages for failure to perform
 - Provide royalty payments to PennDOT based on volume of third party sales

PennDOT Agreement w/ Transit Agencies

- Agencies that opt-in to the project will agree to an established conversion schedule
- Individual site plans and access requirements will be agreed to
- All collective bargaining agreements will be accommodated

Types of Work

➤ **General Construction:**

- Fuel island
- Compressors
- Dryers
- Fuel management systems
- Building modifications
- Gas connection and distribution

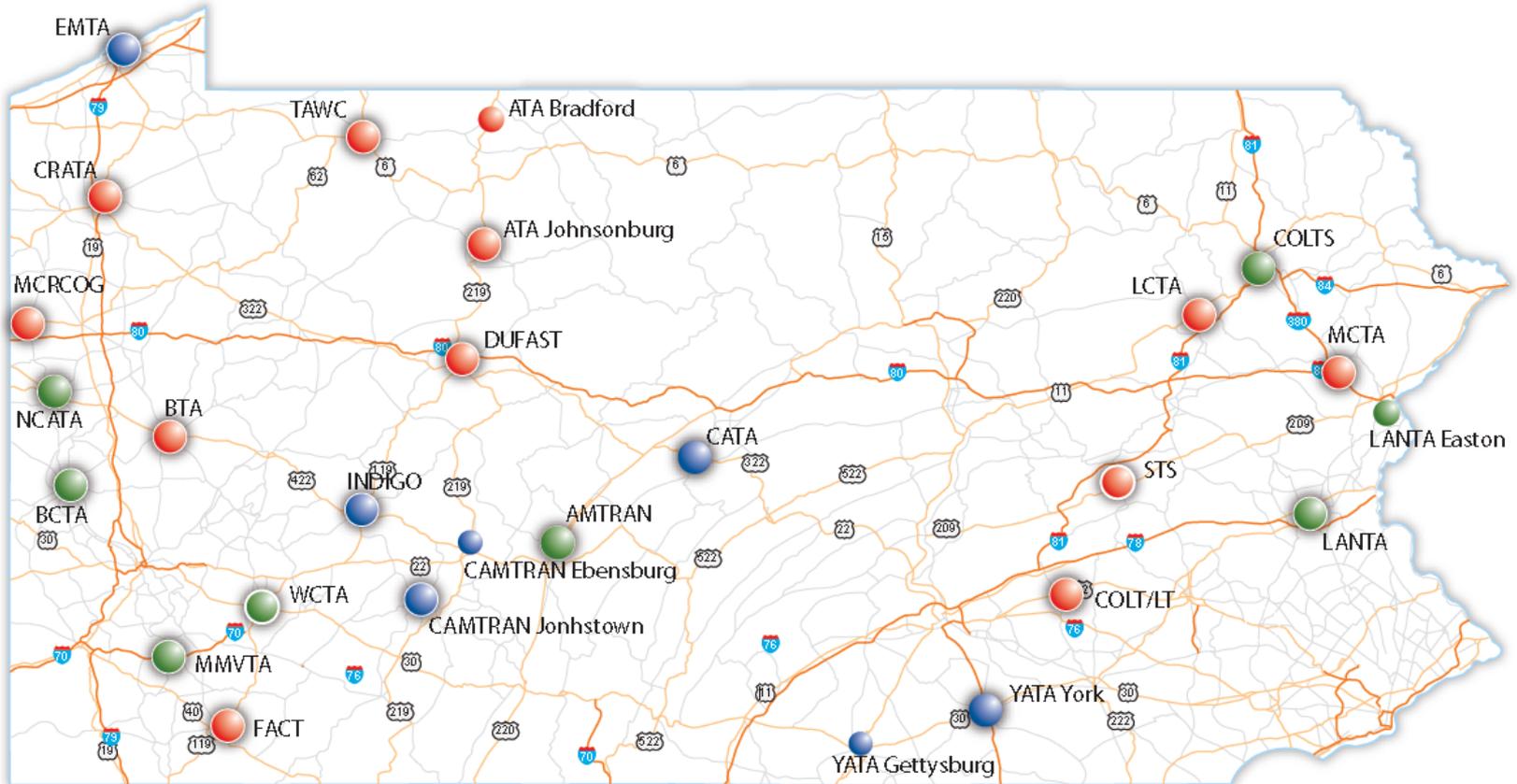
Types of Work (continued)

- **Electrical:** Incoming services, generators, gas detection, alarm systems, electrical distribution and modifications.
- **Mechanical:** HVAC System, exhaust, building management
- **Plumbing:** Fire suppression.

Completion Schedule

	CNG Readiness Date
Tier 1	Fall 2016 – Spring 2017
Tier 2	Spring 2017 – Summer 2017
Tier 3	Fall 2017 – Spring 2021

Participating Transit Agencies



Current Fleet Size Key: ● Tier 1 ● Tier 2 ● Tier 3

www.P3forPA.com



Participating Transit Agencies

		Transit Agency	
TIER 1	CATA	Centre Area Transportation Authority	
	EMTA	Erie Metropolitan Transit Authority	
	YATA	York Adams County Transportation Authority	
	CAMTRAN	Cambria County Transit Authority	
	INDIGO	Indiana County Transit Authority	
TIER 2	MMVTA	Mid Mon Valley Transit Authority	
	LANTa	Lehigh and Northampton Transportation Authority	
	WCTA	Westmoreland County Transit Authority	
	COLTS	County of Lackawanna Transit System	
	NCATA	New Castle Area Transit Authority	
	AMTRAN	Altoona Metro Transit	
	BCTA	Beaver County Transit Authority	

Participating Transit Agencies (cont.)

TIER 3	LCTA	Luzerne County Transportation Authority
	MCTA	Monroe County Transportation Authority
	CRATA	Crawford Area Transportation Authority
	COLT/LT	County of Lebanon Transit Authority
	STS	Schuylkill Transportation System
	ATA	Area Transportation Authority of North Central PA
	BTA	Butler Transit Authority
	MCRCOG	Mercer County Regional Council of Governments
	FACT	Fayette Area Coordinated Transportation
	DuFast	Dubois, Falls Creek, Sandy Township Joint Transportation Auth.
	TAWC	Transit Authority of Warren County

Contact Information

www.P3forPA.com

Public-Private Partnerships (P3) Office

Dale Witmer, Deputy Director

(717) 705-4235

dalwitmer@pa.gov

www.P3forPA.com

