



Propane Refueling Equipment & Fuel for US Highway Corridors

*Intermountain Western FHWA Alt Fuel Corridor Convening Attendees
Salt Lake City, UT
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Propane Refueling is Similar to Gasoline & Diesel

- Propane fuel is closest in energy content to G & D
- Propane vehicles carry 300-600+ mile range
- Fuel transfer at 10+ GPM comparable to gasoline
- Elec cost for dispensing = to gasoline at <1cent per 40 gal
- P dispensed = <300kWh per minute or 1MWh in 3 min
- ~20,000 current dispensers, only few thousand convenient vehicles
- P working w state officials for corridors, appreciate support





Propane Gas = Scalable, Affordable Infrastructure Options

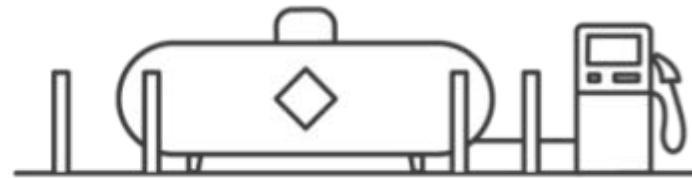
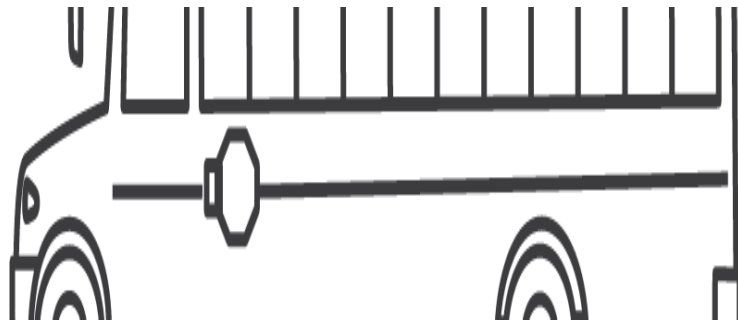
On-site propane autogas stations are the most affordable to install of any conventional or alternative fuel

Fleets can use the same pump and motor to handle a growing number of fuel storage tanks and dispensers

Allows infrastructure to grow as users add vehicles

Scalable Infrastructure Options

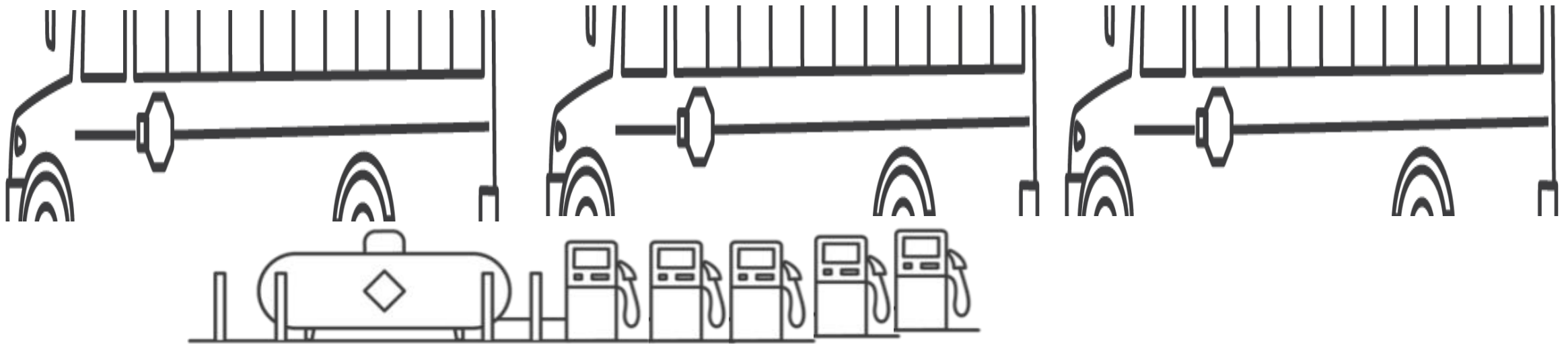
- **Standard private stations** are the best solution for fleets needing a central refueling location. Setup includes a 1,000- to 2,000-gallon tank and a single propane autogas fuel dispenser.





Scalable Infrastructure Options

- **Advanced Private stations** may be the best choice for larger fleets that need a central refueling station. Setup can include higher capacity fuel storage tanks with a canopy and multiple propane autogas fuel dispensers.





On-Site Refueling



Ford Michigan Assembly Plant (MI)



ABC Student Transportation (MI)



Kyrene Elementary School (AZ)



Bend LaPine School District (OR)



ROUSH CleanTech (MI)



Amerigas Propane Tank

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