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Description of Research Project:
Form 442 Question 6

The American Public Transportation Association (APTA) promulgates the Transit Communications Interface Profiles Standard (TCIP). TCIP provides standardized information exchanges among transit business systems and components, simplifying the integration of these systems and reducing the life cycle costs of these systems.

The US Department of Transportation has developed a radio communications standard for communications among road vehicles and between vehicles and roadside infrastructure. The name of this radio standard is Dedicated Short Range Communications (DSRC).

Ayers Electronic Systems, LLC (aE) will conduct lab testing on sending TCIP messages over various types of networks including DSRC network.

The current facility or lab is not equipped with DSRC network. Equipping our lab with DSRC Network is essential for our testing purposes.