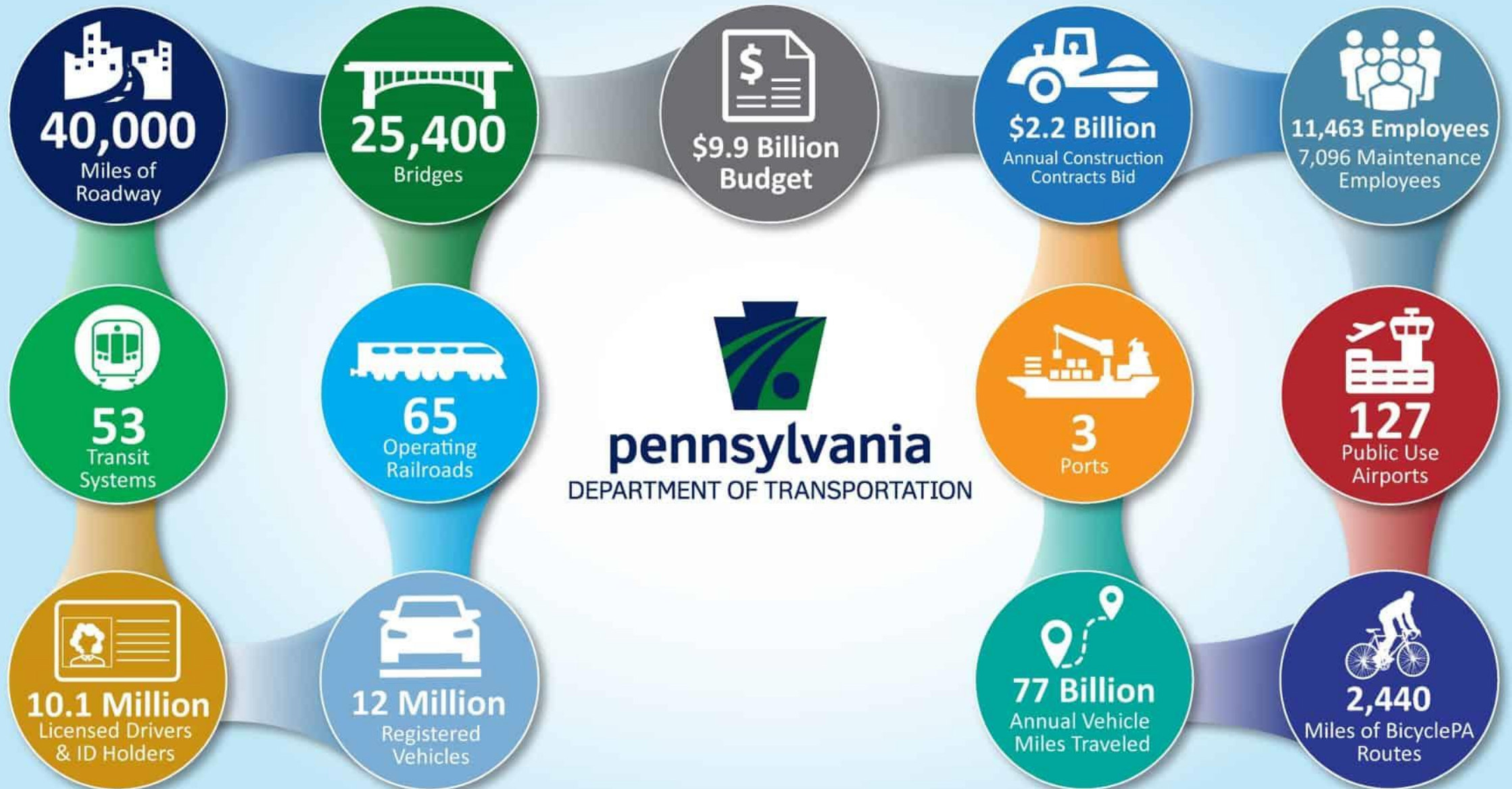


# ALTERNATIVE FUELS CORRIDOR PROGRAM

NGANI NDIRMBIE, EXECUTIVE POLICY SPECIALIST • JUNE 30, 2021

# PENNDOT BY THE NUMBERS



# ROADMAP

Alt Fuel Corridor Program

Corridor Criteria

Electric Vehicle Corridors

CNG Corridors

Deployment Plan





# FHWA ALTERNATIVE FUEL CORRIDORS

- The Federal Highway Administration (FHWA) began establishing Alternative Fuel Corridors in 2016 as part of the FAST Act
- Fuel types: Compressed natural gas, electricity, hydrogen, liquefied natural gas (LNG), and liquefied petroleum gas (LPG).
- Focused on National Highway System
- PA has participated in all five rounds



2017: Electric Vehicle Corridors Round 1

2021: Electric Vehicle Corridors Rounds 1-5



# CORRIDOR CRITERIA

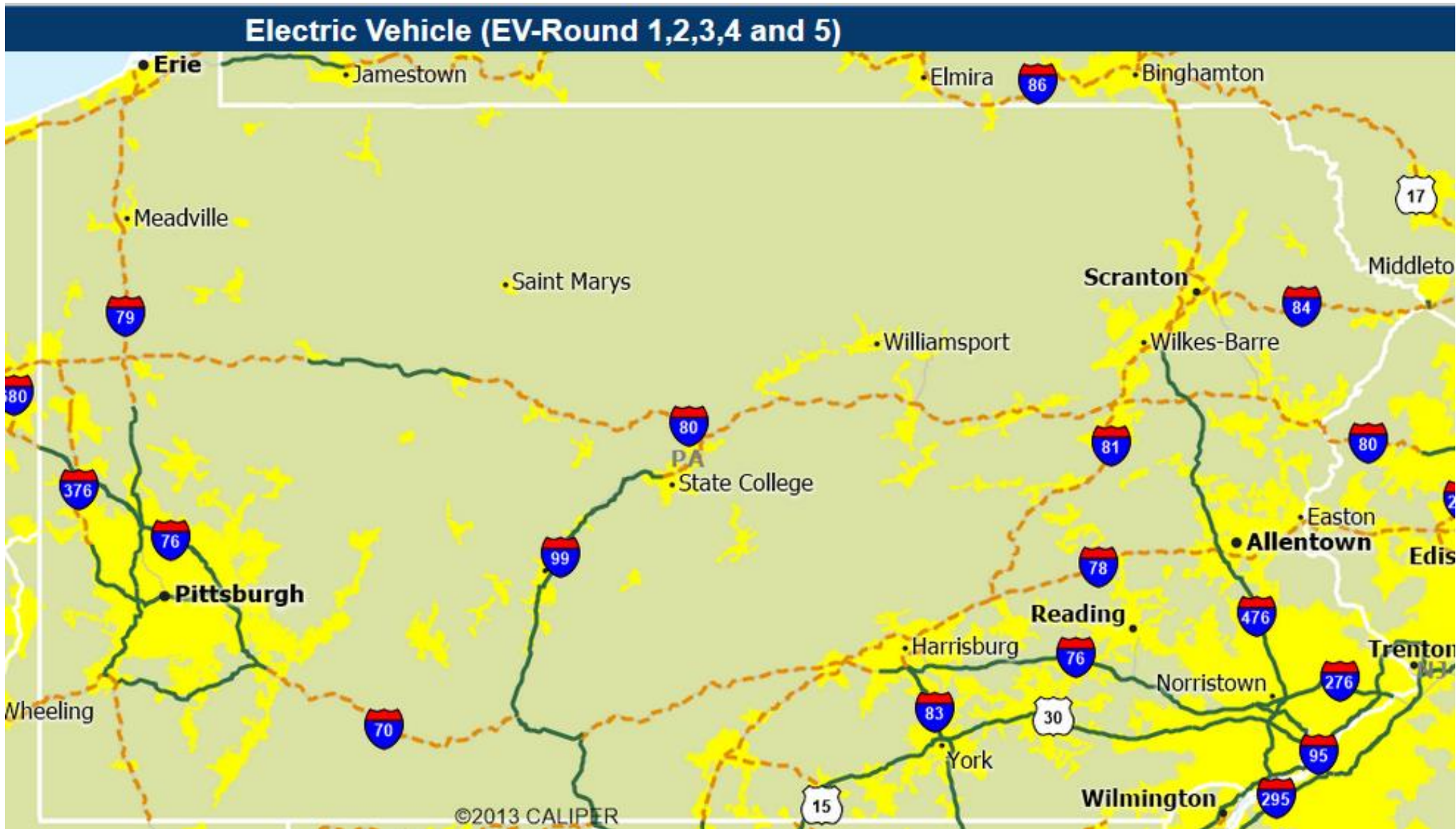
## FHWA Infrastructure Coverage Criteria

Fuel Technology	Corridor-Ready	Corridor-Pending
EV Charging	Public DC Fast Charging no greater than <b>50 miles</b> between one station and the next on the corridor, and no greater than 5 miles off the highway	Public DC Fast Charging chargers separated by more than 50 miles
CNG	Public fast fill, 3,600 psi CNG stations no greater than <b>150 miles</b> between one station and the next on the corridor, and no greater than 5 miles off the highway	Public, fast fill, 3,600 psi CNG stations separated by more than 150 miles

Cannot include Tesla  
Chargers



# ELECTRIC VEHICLE CORRIDORS





# COMPRESSED NATURAL GAS CORRIDORS

Compressed Natural Gas (CNG-Round 1,2,3,4 and 5)

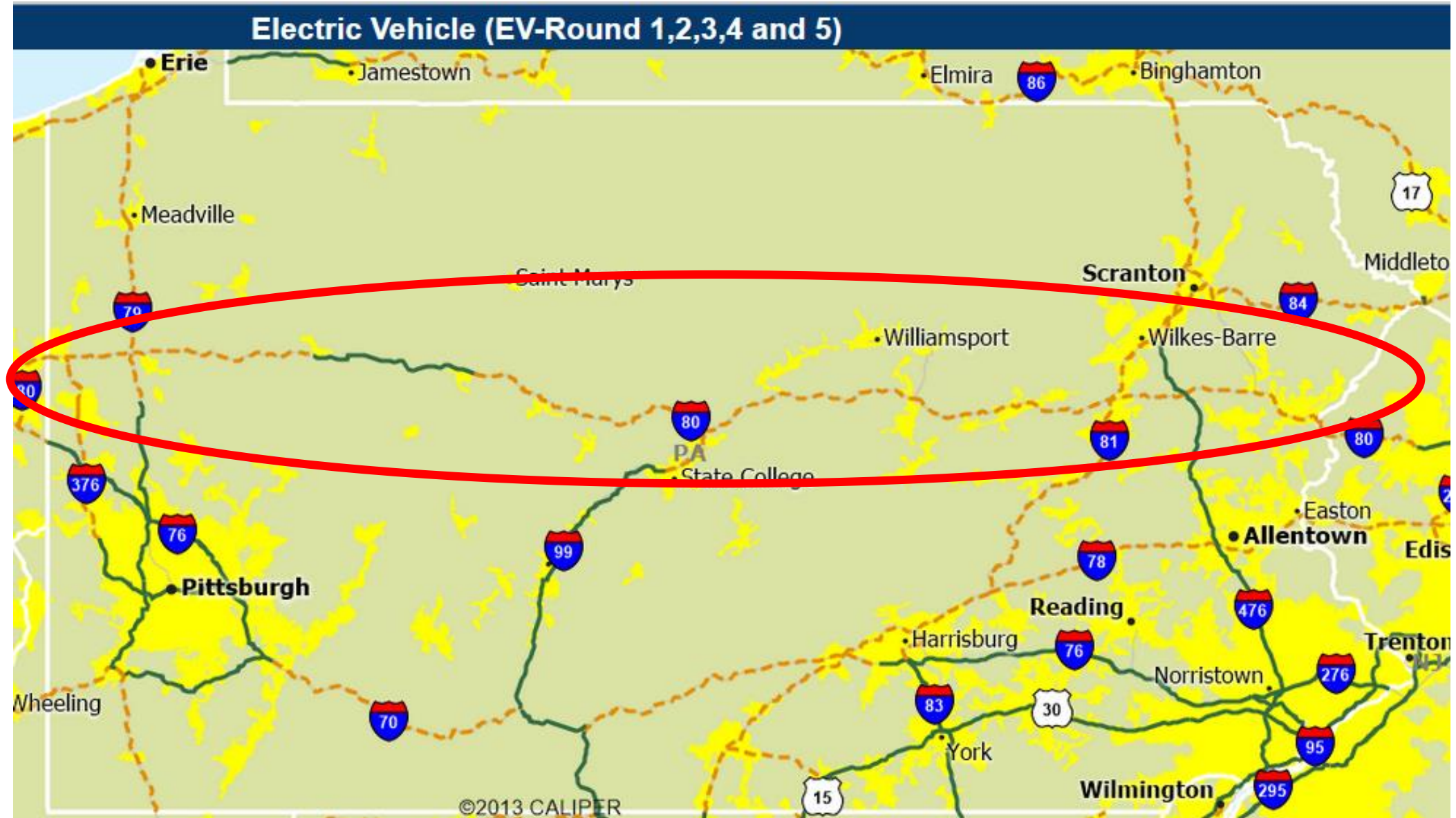


# I-78/I-81 DEPLOYMENT PLAN





# I-80 DEPLOYMENT PLAN



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