Maine DOT Climate Efforts
Joyce Taylor, Chief Engineer
Transit

- Apply for grants to purchase buses
- Encourage ridership of transit opportunities
Climate Control

- Volkswagen Settlement
  - Fund electric stations through Efficiency Maine Trust
  - Competitive Award Program for vehicles such as school buses and plow trucks
  - Multimodal component such as ferry engines

- First round is complete, requested funds for second round
- Website has a tab communities can look for more information on applying for funds. Our goal is to simplify the process.
Climate Control

- Alternative Fuel Corridor Nomination to FHWA
  - Interstate 95 (I-95) Extension
  - Interstate 295 (I-295)
  - Route 1 (Rt. 1)
  - Route 2 (Rt. 2)
  - Route 3 (Rt. 3)
  - Route 302 (Rt. 302)
  - Route 201 (Rt. 201)
  - Route 27 (Rt. 27)
Climate Control

- MaineDOT participating with:
  - Efficiency Maine Trust – establishing charging stations
  - Transportation Climate Initiative – discussing a regional low-carbon policy
  - Governor’s Energy Office
  - Maine Clean Communities – GPCOG
  - Maine Interagency Climate Change Adaptation Work Group
LD 1724 established the Autonomous Vehicle Pilot Program in 2018
- Commission on Autonomous Vehicles formed
- Council on Autonomous Vehicles created
  - Members include agency personal and subject experts
  - Rules for pilot projects due by Jan. 1, 2020

Connected vehicles are here! Advances in technology are happening fast.
- Establishing when to upgrade traffic signals with DSRC.
Climate Response

- Design standards have changed to look at sizing bridges and culverts for 100 year storm events or 1.2 bankfull.
Climate Response

- Corridor Assessment – What’s the risk?
- Habitat issues due to warming issues.