

T H E



Let's drive the future.



# Electrification

23 USC 111(a) prohibits “automotive services stations or other commercial establishments for serving motor vehicle users to be constructed or located on Interstate rights-of-way”

- (1) policy barrier to dynamic, wireless EV charging lanes on the Interstate System**
- (2) policy barrier to wired EV charging and truck stop electrification (TSE) on any rights-of-way on the Interstate System**



# Electrification

23 USC 111(b)(2) allows the Secretary to permit "... limited commercial activities within a rest area... if the activities are available only to customers using the rest area and are limited to..."

23 USC 111 (c) allows State DOTs to "permit the placement of vending machines in rest and recreation areas, and in safety rest areas, constructed or located on rights-of-way in the Interstate System... may only dispense such food, drink and other articles... appropriate and desirable"

**= policy barrier to wired EV charging and TSE at rest areas, welcome centers, and visitor information centers**







# Right-of-Way Solar

- 1 MW DC on 4 acres – 2,600 solar panels
- Online 2/2020 → public project, power to grid
- 1<sup>st</sup> pollinator-friendly ROW solar in U.S.
- 2019 Analysis of Highway Solar Economics:  
The Ray & UT Austin Energy Institute