

Emerging Technologies are ACES...





Defining the Levels of Vehicle Automation

LEVEL 0



There are no autonomous features.

LEVEL 1



These cars can handle one task at a time, like automatic braking.

LEVEL 2



These cars would have at least two automated functions.

LEVEL 3



These cars handle "dynamic driving tasks" but might still need intervention.

LEVEL 4



These cars are officially driverless in certain environments.

LEVEL 5



These cars can operate entirely on their own without any driver presence.



SOURCE: SAE International BUSINESS INSIDER





In Florida, **truck platooning** requires change to "Following too closely" law





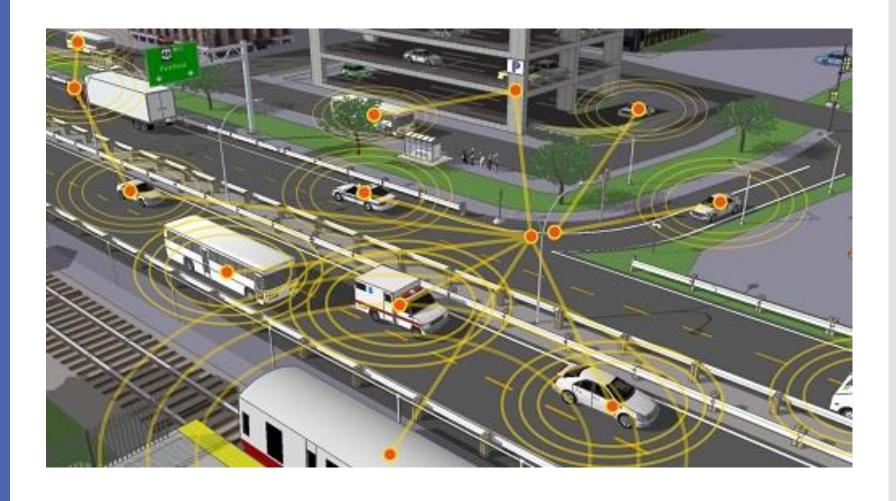






We are connected today

The River to Sea TSM&O
Master Plan
is building a connected environment





What else can we do today?



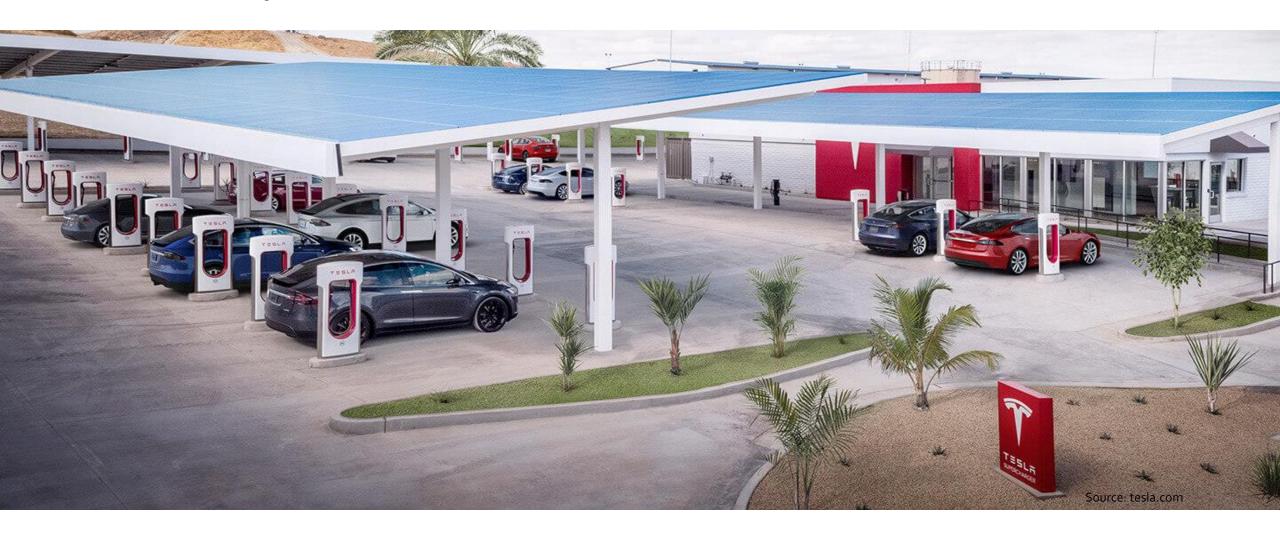




Share **parking** information



Are we ready for **electric vehicles**?









We know how to provide parking





Is our curb space ready for rideshare?

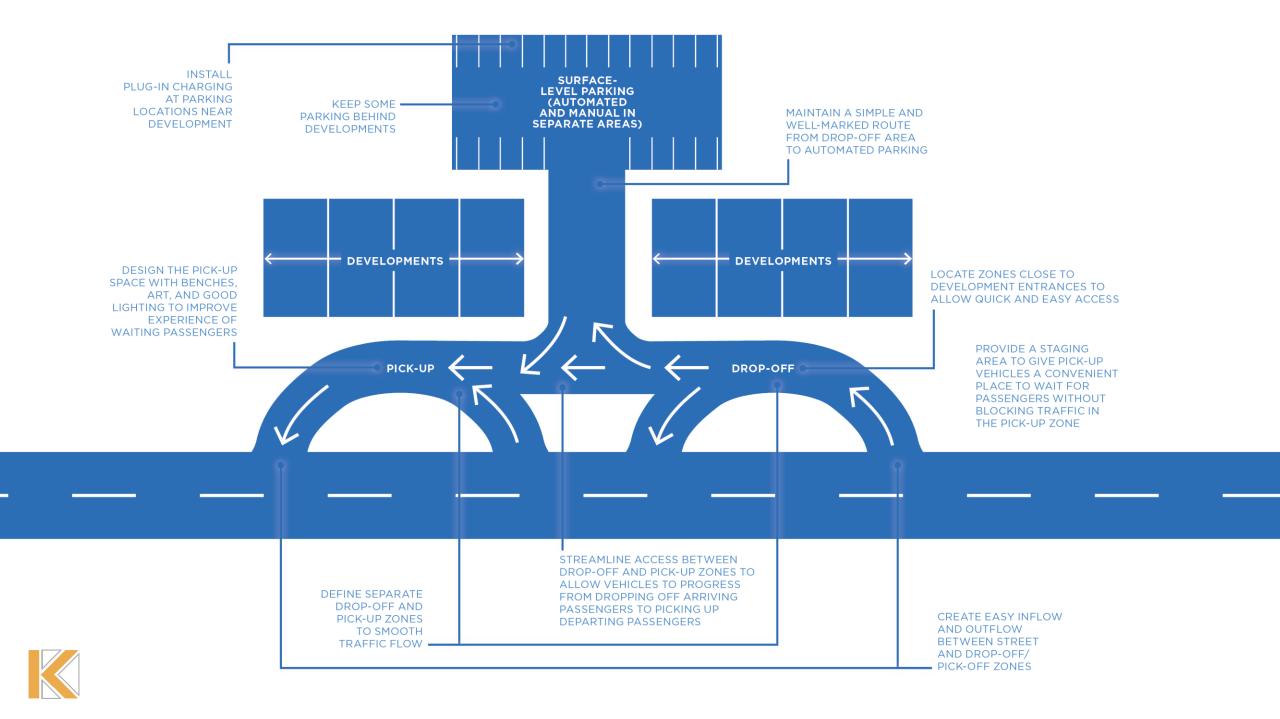




Cars aren't the only shared rides today







Key Take-Aways

- ACES: Automated, Connected, Electric, and Shared
- Invest in your communications
 - TSM&O Master Plan is laying the framework
 - Parking sensors reduce circulation trips
 - AVs will benefit from information sharing
- Manage your curb space
 - Rideshare & automated vehicles need pick-up/drop-off areas
- Attract electric vehicle (EV) users
 - Install EV charging infrastructure in new construction
 - Require minimum % of EV spaces
- Budget maintenance of these new systems
 - Communications
 - EV charging



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