Future Freight Mobility

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Texas A&M Transportation Institute
Eastern Shore Land Conversancy Annual Planning Conference
April 18, 2019
Connected World

Source: https://www.isssource.com/warning-for-connected-farming-technology/

https://www.fhwa.dot.gov/publications/publicroads/17julaug/03.cfm
Connected Data to Tell the Story

Examples of mobility-related economic and fluidity analysis
Connected Data
Reveal Bottlenecks
we can fix: Freight Fluidity
Emerging Technology and Data Opportunities – Freight Mobility

- Interstate credentialing and permitting for regular and oversize/overweight movements.
- Truck parking and reservation systems.
- Transponder and roadside detection technology for safety and weight enforcement.
- Truck platooning and other commercial motor vehicle automation.
- Corridor-wide information on congestion, work zones and weather.

Source: I-10 Connected Freight Corridor

Texas A&M Transportation Institute
Congestion Reduction Potential

- Arterial system V2I-reduces fuel consumption at intersections by 20%.

Truck Platooning – 10% fuel savings

Light vehicle platooning – double lane capacity

Source: FHWA Office of Operations, 2018
Truck Platooning and Future of Trucking


Delivery Technology

Parcel Networks and Retailers despatch their consignments to our distribution centre in London.

We consolidate at our facilities in Bow and despatch in our top of the range, fully electric fleet.

As London’s largest fully electric delivery fleet, we ensure that your consignments arrive safely and cleanly.

Source: https://www.gnewtcargo.co.uk/
Ideas

- Get comfortable with data, invest in shared resources
  - Use data to see your world
- Know your supply chains, use data to identify transportation trends and opportunities, inventory capabilities
- Prepare for technology, recognize it is here, it is coming
  - Don’t overwhelm, connect to what is meaningful
- Collaborate, partner and identify transportation options, evaluate current infrastructure, solutions
  - Platooning, long haul and circuits
  - Consolidated delivery
  - Smart freight efficiency
Contact Information

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