



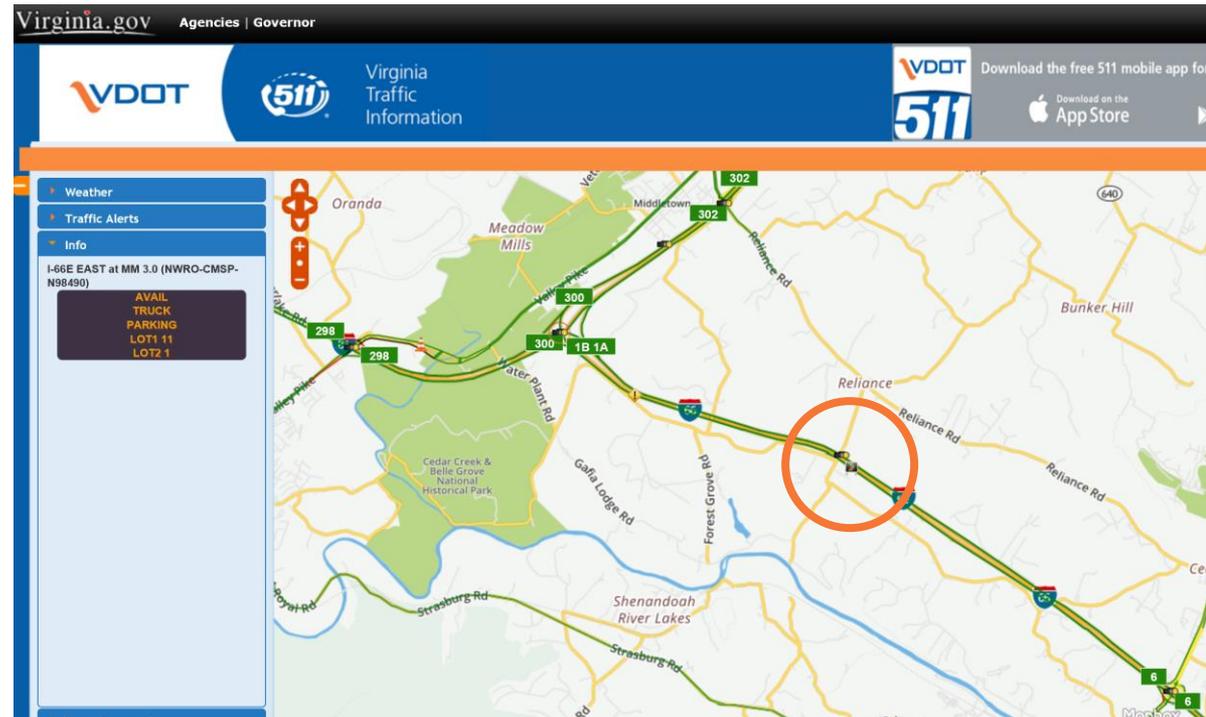
**CTB Innovation and Technology Subcommittee**  
**December 6, 2017**

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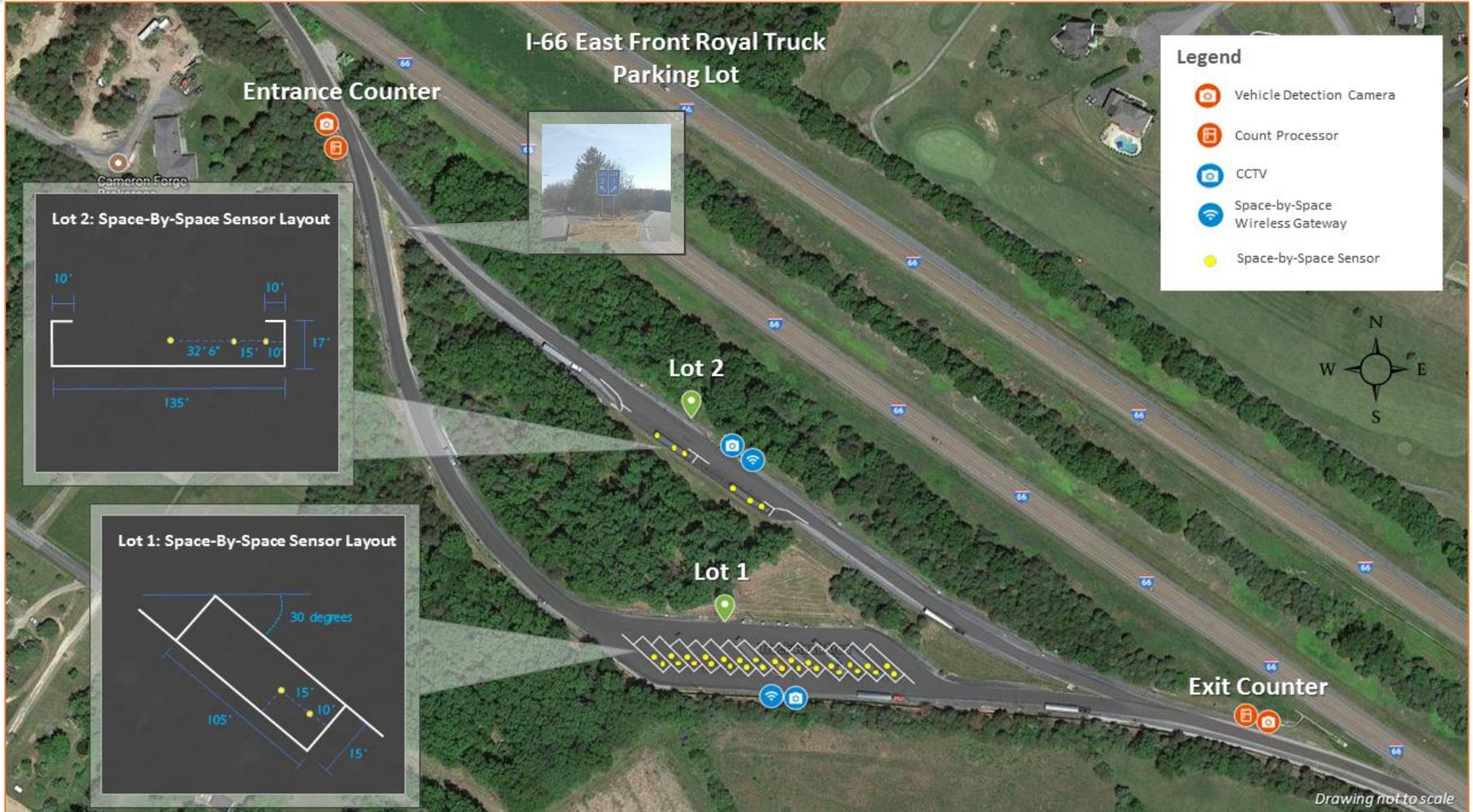
**I-66 Early Deployment Truck Parking Management System**

# Project Overview

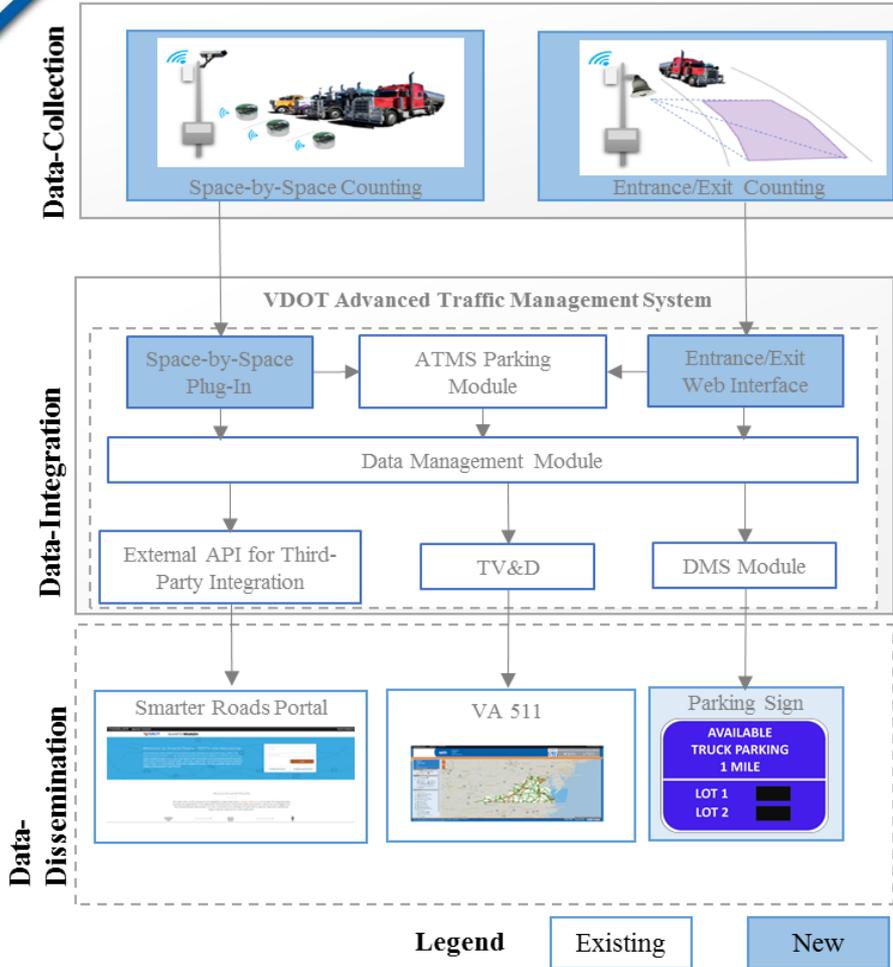
- Early Deployment System
- Front Royal Truck-Only Rest Area
  - I-66 Eastbound – Milemarker 5
  - Near I-81 interchange
  - 2 sub-lots:
    - Lot 1 (14 spaces)
    - Lot 2 (2 spaces)
- Testing 2 Approaches:
  - Space-by-Space Sensors
  - Entry/Exit Counting
- Cellular (Wireless) Communications



# Site Plan

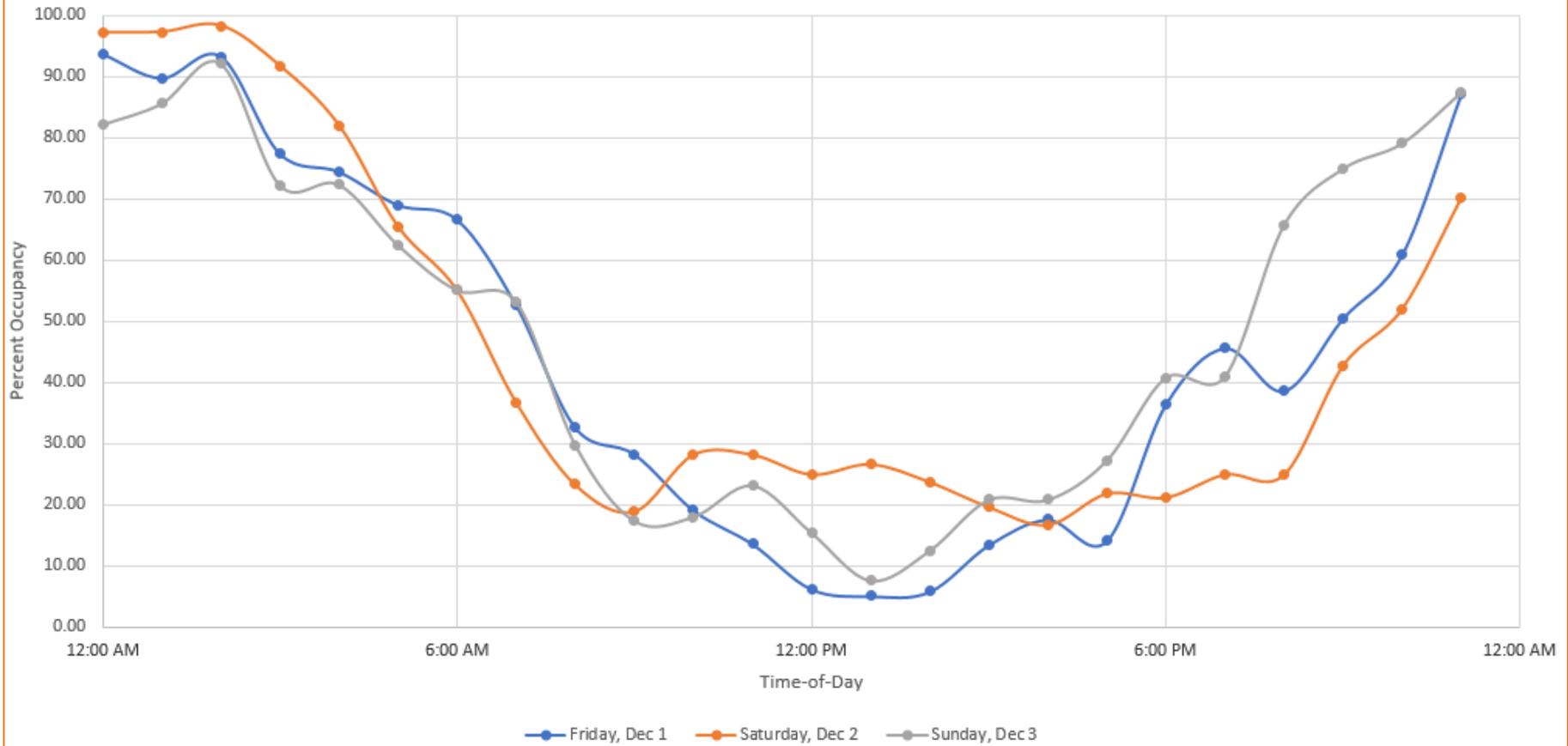


# System Concept



# Preliminary Observations

Percent Occupancy by Time-of-Day



# Truck Parking Demonstration

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VDOT Virginia Traffic Information

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- Info
  - I-66E EAST at MM 3.0 (NWRO-CMSP-N98490)
    - AVAIL TRUCK PARKING LOT1 11 LOT2 1**

Mapbox