

## Truck Parking Management System Update

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### Truck Parking Management System

### **I-95 Corridor Coalition Pilot Project:**

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- The Coalition selected Virginia to build the infrastructure for the Ladysmith (NB), Carson (NB), Dale City (NB), New Kent (EB) parking lots.
- Parking Availability will be operational in September, through <u>www.l95truckparking.com</u> (I-95 CC website).
- VDOT will add 4 dynamic truck parking signs, integrate truck parking system with ATMS, and share availability through 511 Virginia Suite.

### **Implementation Plan for Phase 1**

- Accelerate I-66 corridor (3 sites) using ITS On-Call Task Order for pilot field installations
  - Executed Task Order with Kapsch to complete field installation by November 2017
- Install field devices (sensors & signs) using a No-plan RAAP construction contract
  - Complete design with HNTB by Fall 2017
  - Advertise contract in late Fall 2017, complete field install by Dec 18.
- Integrate data into 511 Virginia suite

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- Complete integration of field devices by corridor (66, 81, and 95)
- Share public parking information with NATSO
- Operational in 511 Virginia by late Fall 2017
- Acquire parking system using existing ATMS Contract (Q-Free)
  - Task Order scope of work completed and in process of execution
  - Operational by late Fall 2017

## **Research Pilot**

#### **October 2015 Dale City Commuter Lot:**

- The research pilot needed to answer some fundamental questions:
  - Accuracy

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- Reliability
- Repeatability & Operations and Maintenance
- Lessons Learned
  - Comcast Facility on the back of the lot provided some challenges
  - Sunday Farmer's Market provided another challenge
  - Lot loop configuration created challenges for in/out monitoring
  - Final result was an automatic reset of (15) would need to be done every evening @ 11pm

# **Technology Pilot Project**

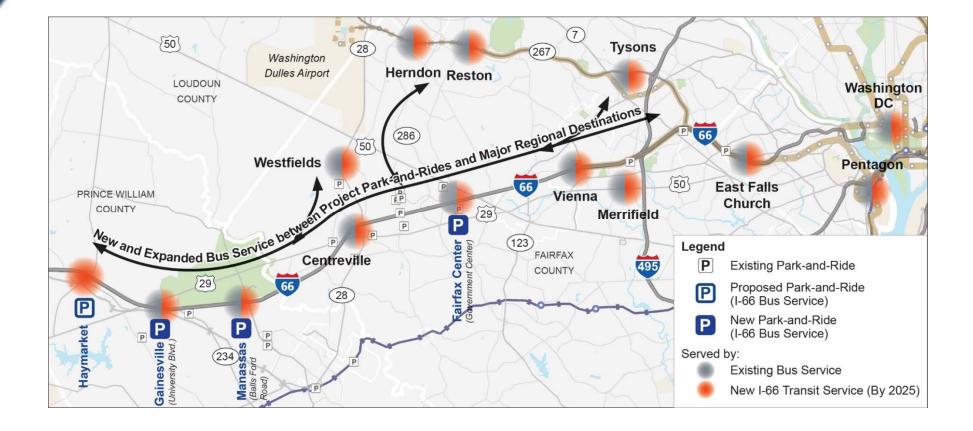
#### Falling Branch Park and Ride Commuter Lot:

- Verizon to equip lot with video technology
  - Cameras

**VDOT** 

- LED lighting required
- Parking lot Configuration:
  - 247 regular parking spaces,
  - 13 handicap accessible, and
  - 5 motorcycle spaces available
- No date has been set to start

#### Transform66 Outside the Beltway Transit & TDM Services



VDOT