

# Capital Beltway HOT Lanes Project

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***VDOT and its partners Transurban and Fluor are entering the final year of construction on a pioneering project that is changing the way major transportation improvements are financed, delivered, managed, and operated.***



# VDOT's pioneering project

- Public-private partnership
- Innovative financing
- Strategic implementation in complex environment
- Long-term, active traffic management
- Historic economic impact



# Scope of improvements

- \$2 Billion
- Four new lanes across 14 miles
- High Occupancy Toll Lanes with dynamic tolling
- No charge for HOV-3+ and buses
- **Toll is a choice; users pay**
- Region-wide network connecting transit, employment centers
- Replacement of more than \$260 million of aging infrastructure
- Pedestrian and bicycle access, sound walls



# Delivering more through partnership

- 80-year public-private partnership agreement
- \$1.5 Billion of private equity and debt
- Key risks transferred to private sector, away from taxpayers
- Partnership agreement includes key provisions to protect public interest:
  - Revenue sharing
  - No non-compete
  - Transparency
  - Performance requirements

# Implementation

- Common vision across partners
- Whole-life design approach
- Fast-tracking design, claims and key decisions
- Escalation process
- Aggressive communication & community engagement to accelerate delivery



# Complex construction

- Among largest in U.S.
- Complex, high-traffic
- 220,000 vehicles a day
- 1,200 employees and contractors
- Constrained work zone
- Close proximity to homes, businesses
- Intertwined with Dulles Metrorail



















# Keeping workers and travelers safe

- Safety culture
- More than 6 million safe work hours to date
- OSHA recordable rate 0.82; national average 4.7
- Award-winning “Orange Cones. No Phones.” campaign



Safety campaign has reached 17 million people, contributing to a 33% drop in distractive driving on the Beltway in just one year

# Historic economic impacts

- Supports nearly 12,000 jobs
- \$2.7 billion in economic benefit for region over 5-year period
- Largest single contribution to Small, Women and Minority Contractors and Disadvantaged Business Enterprises in Virginia history



# Changing how people travel

- Faster, more predictable travel times
- Toll prices adjusted based on real-time traffic conditions
- Fully electronic tolling with E-ZPass, no toll booths
- Improved enforcement and incident response
- Not every day toll road





# Conclusion

- Through public-private partnership and innovative finance VDOT can deliver greater transportation and economic outcomes with scarce resources
- Strategic implementation can overcome challenges to deliver major, complex projects on-time, on-budget
- Unable to build out of congestion, active traffic management is better using capacity to keep travelers and the economy moving



*More information*

*[virginiahotlanes.com](http://virginiahotlanes.com)*

*[vamegaprojects.com](http://vamegaprojects.com)*

