

## COMMUTER CONNECTIONS

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## To Meet the Challenges: Regional Solutions Needed

1. BRAC Explosion in NOVA
2. Road Ahead
3. Future DOD Issues & Challenges for Region
3. Transportation Demand Management Programs
4. New Realities
5. Regional Solutions
6. Next Steps



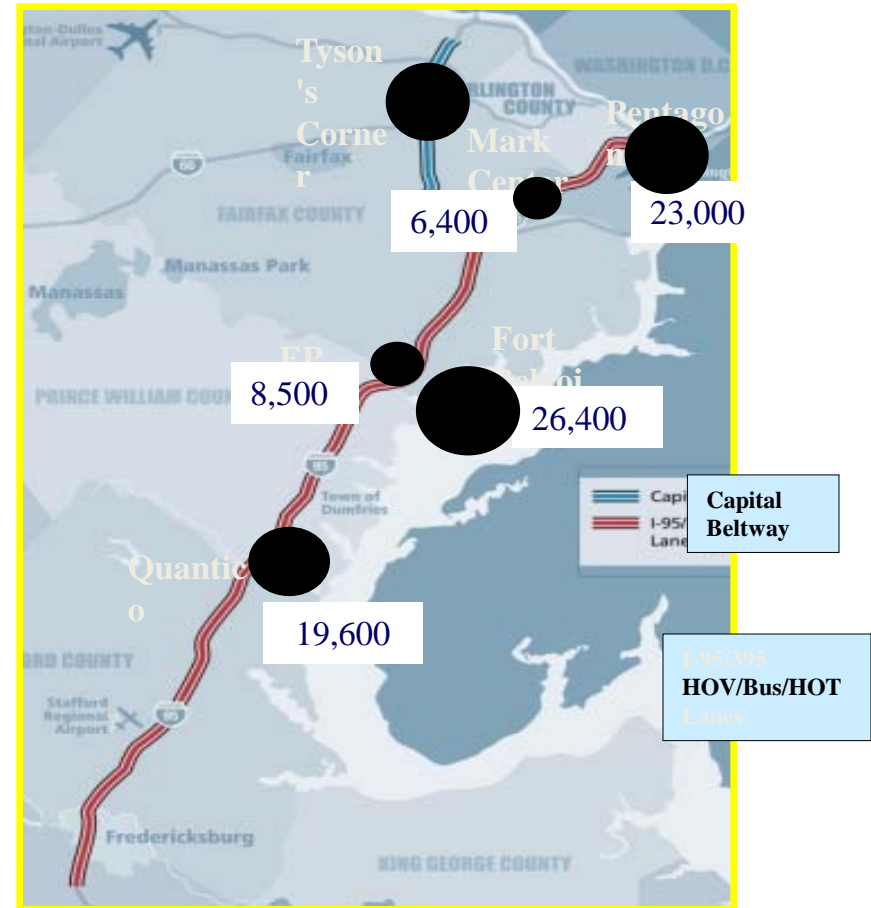
# 5 BRAC LOCATIONS IN NOVA

The I-95/395 is an important and unique corridor because it serves current and future military bases.

Along with Pentagon I/95/395 serves five BRAC locations:

- Ft. Meyer/Henderson Hall
- Mark Center
- Fort Belvoir
- Engineering Proving Grounds/Belvoir North
- Marine Corp Base Quantico

Combined they employ 84,000 people.





# MASSIVE NEW BRAC SITES





# ROAD AHEAD - 3-5 YRS OFF

## FUNDING NEEDED

### Road Capacity

- Marine Base Quantico = \$26 million
- Fort Belvoir/Mark Center = \$366 million

### Transit Capacity

Washington Metropolitan Area Transit Authority (Metro) Study

- 100,000 additional annual vehicle revenue hours
- Bus bay capacity issues at five Metro stations
- 47 new buses (\$26 million)
- Annual operating cost (\$9 million)





# FUTURE CHALLENGES

- Executive Order 13514 2009 requires agencies to measure, manage, and reduce greenhouse gas emissions toward agency-defined targets to meet energy, water, and waste reductions, including:
  - 30% reduction in **vehicle fleet petroleum** use by **2020**;
  - 26% improvement in water efficiency by **2020**;
  - 50% recycling and waste diversion by **2015**;
  - 95% of all applicable contracts will meet sustainability requirements;
  - **Implementation of the 2030 net-zero-energy building requirement;**
  - Implementation of the stormwater provisions of the Energy Independence and Security Act of 2007, section 438; and
  - Development of guidance for **sustainable Federal building locations in alignment with the Livability Principles** put forward by the Department of Housing and Urban Development, the Department of Transportation, and the Environmental Protection Agency.

# PREPARING FOR FUTURE DOD ISSUES



- Centralization
- DOD real estate for energy production and distribution, links to community and grid
- Major force and basing realignments
- Impact of global sea rise
- Consolidation – (BRAC, Joint Basing, Ranges and Training Areas, Research and Development
- Leveraging best practices
- Transformational Initiatives
- Efficiencies – shared services





# NEW REALITIES

- 44 States are anticipating budget shortfalls
- Defense budgets are shrinking
- Personnel management costs are increasing
- Continued risk in infrastructure
- Communities seeking to expand partnerships with military to effectively support DOD missions to meet similar objectives to be cost effective
- New models of Public-Public Partnerships are being sought





# REGIONAL SOLUTIONS

- Monthly BRAC Rideshare Round Table with Agency TDM Coordinators
  - Resource Guide
- Commuter Boat on Potomac River
- Transit Gaps
- Regional Education and Outreach



# Resource Guide

- Implement a Regional Transportation Demand Management (TDM) Program
- TDM Requires Strong Leadership
- Broaden Support to all major employment centers in NOVA
- Support BRAC Relocation Military Installations and Tenant Agencies
- Gather Data
- Create Baseline, Make use of Existing Roadway Capacity, Evaluation, Measure Success



# Resource Guide

- Implement a Regional Transportation Demand Management (TDM) Program
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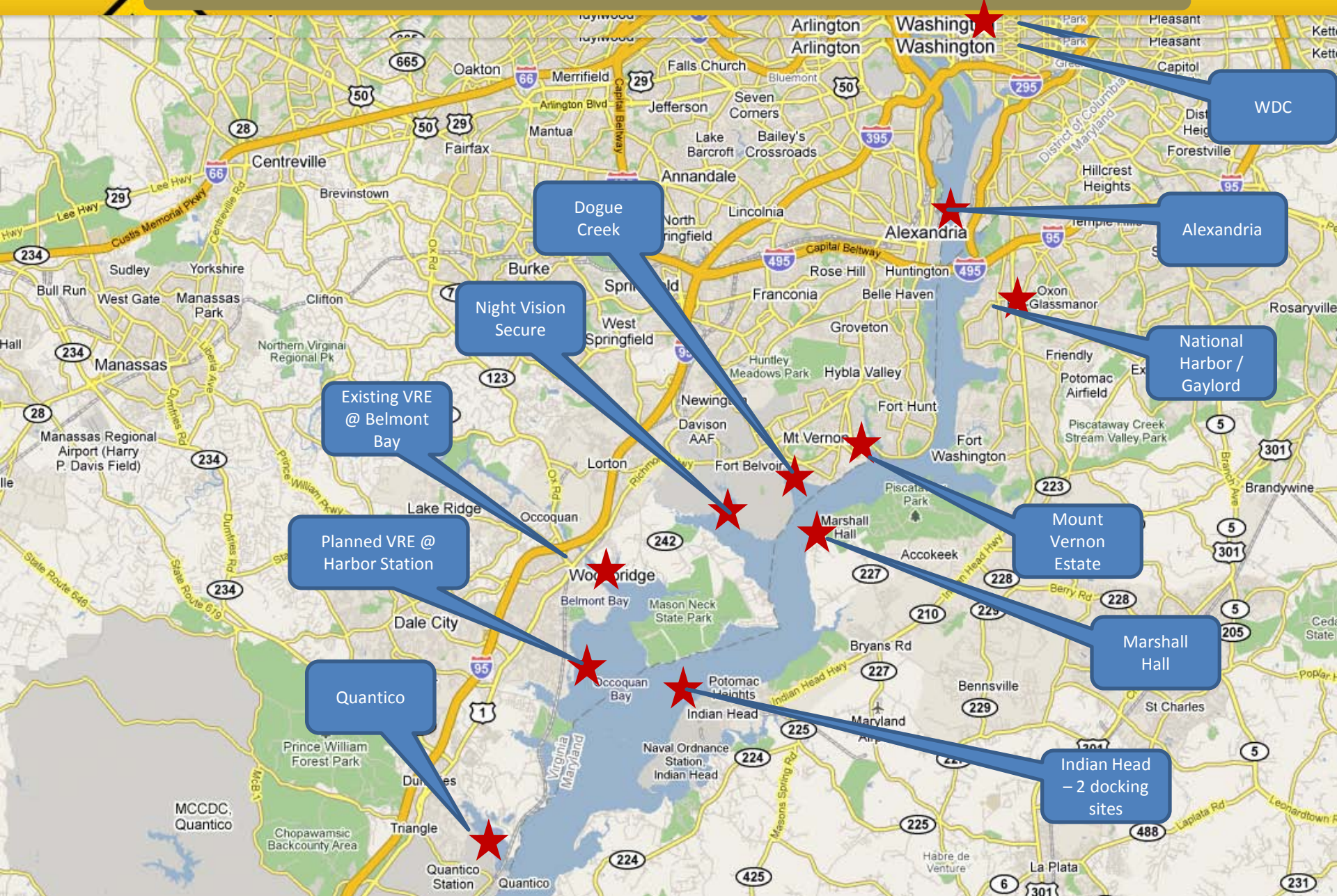




## COMMUTER BOAT TO SERVE UNMET NEEDS

- A New Commuter Service Option
- First Meeting September 23, 2010
- Next Meeting June 6, 2011
- Next Steps
  - Marketing Study
  - Operational Plan

# Proposed Potomac River Commuter Ferry Stops - Quantico to Washington





# BENEFITS

- 4 of the 11 of the proposed stops are Military Bases
  - Due to BRAC Relocations - Critical Mass
  - Travel Time Savings by ferry vs. car
  - Another Alternative to Capacity Issues on I-95, 395 and Route 1
- Evacuation for unified emergency / disaster planning, operations, and recovery.

# Connecting the Region

- Regional Coordination Assessment & Strategy Needed
  - Program Marketing and Evaluation
- TDM Toolkit to Include:
  - Subscription Bus Service by Agency
  - Telework





# NEXT STEPS

- Implement a Transportation Demand Management (TDM) Program
- Requires Strong Leadership at Community & Military
  - Support Garrison Command along with tenant agencies
- Broaden Support to all Major Employment Centers in Region
- Gather Data
  - How will we measure success if we do not have a base line to start from and ability to tell the story once the relocations are complete
- Map Resources