



County of Fairfax, Virginia

Braddock Road Multimodal Study

Guinea Road to I-495

Community Meeting
Lake Braddock Secondary School
June 9, 2015



County of Fairfax, Virginia

Introduction and Meeting Format

- Introduction – Supervisor Cook
- Study Team
 - Fairfax County Department of Transportation
 - Consultant Team
 - RK&K
 - HNTB Corporation
 - Cambridge Systematics
 - Rhodeside & Harwell, Inc.
 - Task Force



County of Fairfax, Virginia

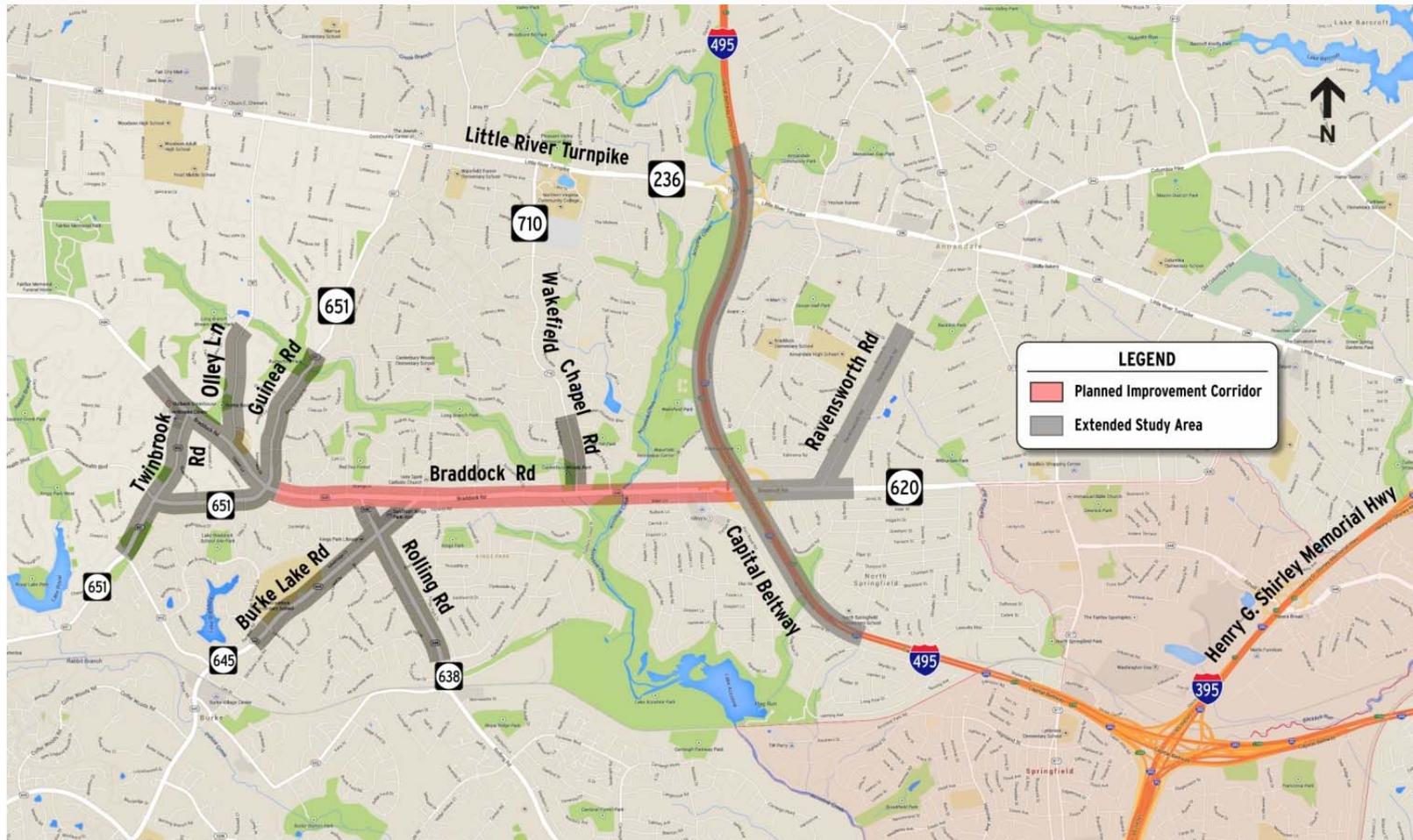
Introduction and Meeting Format

- Meeting Format
 - Presentation with Question and Answer
 - Open House - Stations
 - Exhibits
 - Team Members
 - Activities to Solicit Community Input



County of Fairfax, Virginia

Project Map



Department of Transportation





County of Fairfax, Virginia

Project Description

- Address multi-modal needs along corridor
 - Pedestrian and Bicycle
 - Transit
 - Vehicle



Project Description

- Study Components
 - Add Two General Purpose Lanes from Guinea Rd. to Burke Lake Rd.
 - Add Two High Occupancy Vehicle (HOV) Lanes from Burke Lake Rd. to I-495
 - Evaluate General Purpose and High Occupancy Toll/Express (HOT) Lane Options
 - Transit Center
 - Pedestrian and Bicycle Accommodations



Project Description

- Funding
 - Study and Implementation
 - Burke Lake Rd. to I-495
 - Transit Center
 - Study Only
 - Guinea Rd. to Burke Lake Rd.





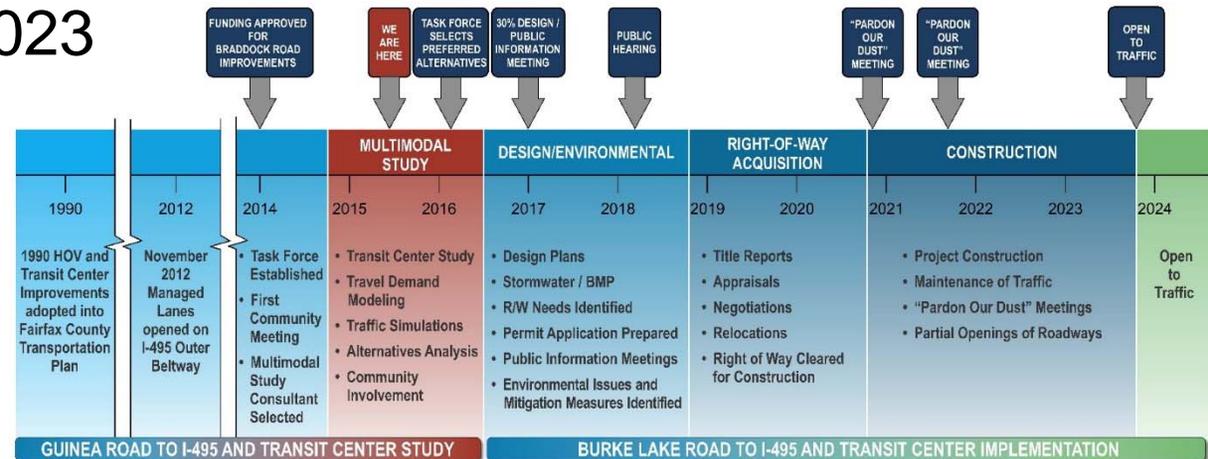
Schedule

Study

- Approximately 18 Months, Undertaken in December 2014
- Multimodal Study to be Completed in mid-2016

Target Design/Construction/Project Completion

- Approximately 7 years following Multimodal Study Completion - 2023

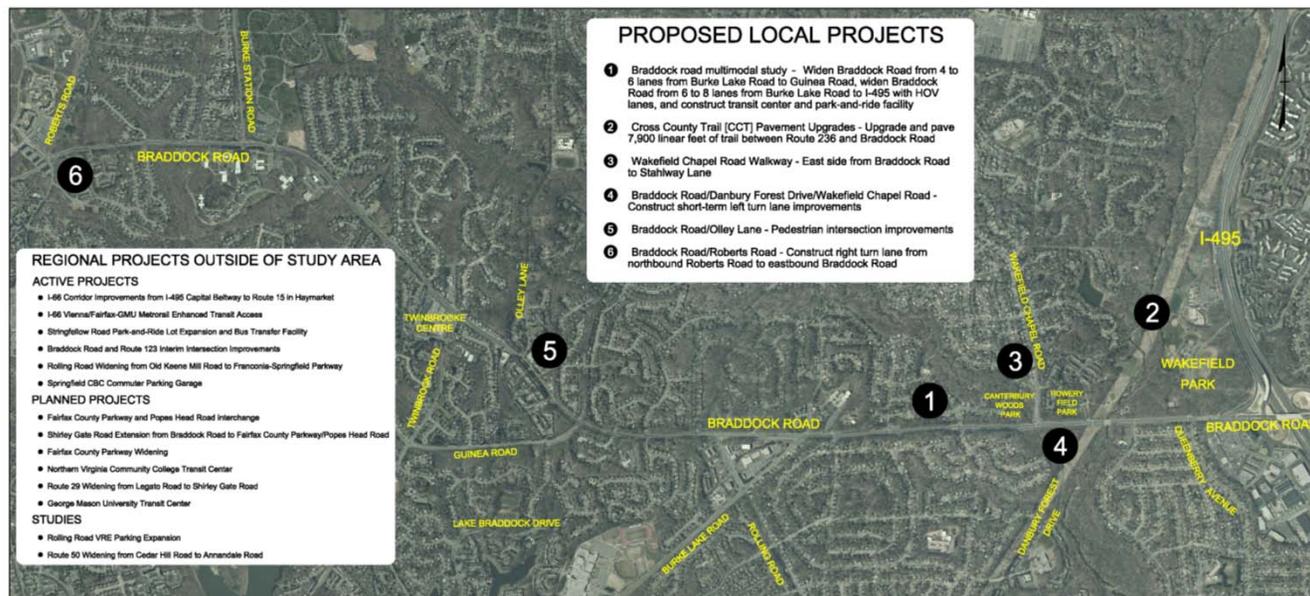




Other Projects

FUNDED LOCAL AND REGIONAL PROJECTS EXHIBIT

BRADDOCK ROAD FAIRFAX COUNTY, VA



THIS EXHIBIT SHOWS THE INTERRELATIONSHIP OF THE BRADDOCK ROAD MULTIMODAL STUDY TO OTHER PROJECTS IN THE REGION AS WELL AS LOCAL PROJECTS ALONG THE CORRIDOR.



JUNE 09, 2015





Other Projects

Active Projects

- I-66 Corridor Improvements from I-495 Capital Beltway to Route 15 in Haymarket
- I-66 Vienna/Fairfax-GMU Metrorail Enhanced Transit Access
- Stringfellow Road Park-and-Ride Lot Expansion and Bus Transfer Facility
- Springfield Community Business Center Commuter Parking Garage



County of Fairfax, Virginia

Other Projects

Active Projects (Continued)

- Rolling Road Widening from Old Keene Mill Road to Franconia-Springfield Parkway
- Braddock Road & Route 123 Interim Intersection Improvements



Other Projects

Planned (Funded) Projects

- Fairfax County Parkway and Popes Head Road Interchange
- Shirley Gate Road Extension from Braddock Road to Fairfax County Parkway/Popes Head Road
- Fairfax County Parkway Widening
 - Multiple Segments
 - Partially Funded
- Route 29 Widening from Legato Road to Shirley Gate Road
- Transit Centers at George Mason University and Northern Virginia Community College



County of Fairfax, Virginia

Other Projects

Studies

- Rolling Road Virginia Railway Express Parking Expansion Study
- Route 50 Widening from Cedar Hill Road to Annandale Road



Project Description

- Braddock Road
 - Congested Corridor Handling 70,000 Automobile Trips a Day
 - Expect Worsening Congestion
 - “No-build” Alternative to be Evaluated
 - Multimodal Improvements Needed
 - Transit
 - Safety
 - Ability to Cross Major Roads
 - Access to Neighborhood Destinations and Transit
 - Facilitate Walking and Bicycling within Community



County of Fairfax, Virginia

Project Scope Outline

Overall Tasks

- Stakeholder Involvement
- Traffic Analysis
- Neighborhood and Commuter Attitude Survey
- Pedestrian and Bicycle Accommodations
- Landscaping and Aesthetics
- Cost Estimates
- Right-of-way and Environmental impacts
- Recommended Improvements



County of Fairfax, Virginia

Project Scope Outline

Roadway Improvements

- Roadway Configurations and Alignments
- HOV/HOT and Express Transit Options
- Access Management
- Sidewalks, Shared-Use Paths, Crosswalks, and Pedestrian Bridges
- Traffic Signals, Intelligent Transportation Systems, and Pedestrian Signals



Project Scope Outline

Transit Center/Park-and-Ride/Transit Service

- Potential Transit Center Sites
- Conceptual Transit Center Design
- Parking/Carpool Accommodations
- Coordination with Fairfax Connector and Washington Metropolitan Area Transit Authority
- Coordinate with Transit Development Plan Recommendations
- Transit Service Increases
- Pedestrian and Bicycle Facilities and Access





County of Fairfax, Virginia

Transit Center Goals and Benefits

Goal

- To plan, coordinate, and implement a multi-modal transportation system in the Braddock Road corridor and surrounding area that allows greater mobility of people and goods, and enhances the quality of life of the community by providing a significant travel time savings for carpooling (HOVs) and more efficient and expansive bus service.



County of Fairfax, Virginia

Transit Center Goals and Benefits

Components

- Bus Transfer Station with Multiple Bus Bays
- Commuter Parking
- Kiss-and-Ride Area
- Pedestrian and Bicycle Access
- Additional Facilities
 - Ticketing Booth
 - Bicycle Storage



County of Fairfax, Virginia

Transit Center Goals and Benefits

Benefits

- Help Integrate Transit into the Braddock Community
 - Provide More Mobility Choices
 - Facilitate Safe Environment
- Allows Consolidation and Adjustment of Existing Bus Service
 - More Efficient Service
 - Greater Service Area and More Frequent Buses



County of Fairfax, Virginia

Transit Center Goals and Benefits

Benefits

- Provides Travel Time Savings for Bus Riders with Proposed HOV/HOT Lanes on Braddock Road and Existing I-495 Express Lanes
- Increases Transit Use by Providing Convenient Commuter Parking, Kiss-and-Ride Area, Bicycle Storage, and Safe Pedestrian and Bicycle access



County of Fairfax, Virginia

Transit Center Goals and Benefits

Benefits

- Provides Greater Access and Encourages Use of Express Bus Routes
 - Increased Local Service with Transfers to Express Buses
 - Providing Greater and More Convenient Access through Commuter Parking, Kiss-and-Ride Area, Bicycle Facilities, and Pedestrian and Bicycle Access



County of Fairfax, Virginia

Transit Center Goals and Benefits

Benefits

- Provides Greater Access and Encourages Transit Use to Destinations such as:
 - Current Bus Routes to the Pentagon, Tysons, and George Mason University
 - Planned Bus Connections:
 - Franconia-Springfield Metrorail/VRE Station
 - East Falls Church Metrorail Station
 - Vienna/Fairfax-GMU Metrorail Station
 - Annandale campus of Northern Virginia Community College
 - Seven Corners Transit Center



Transit Center Goals and Benefits

Benefits

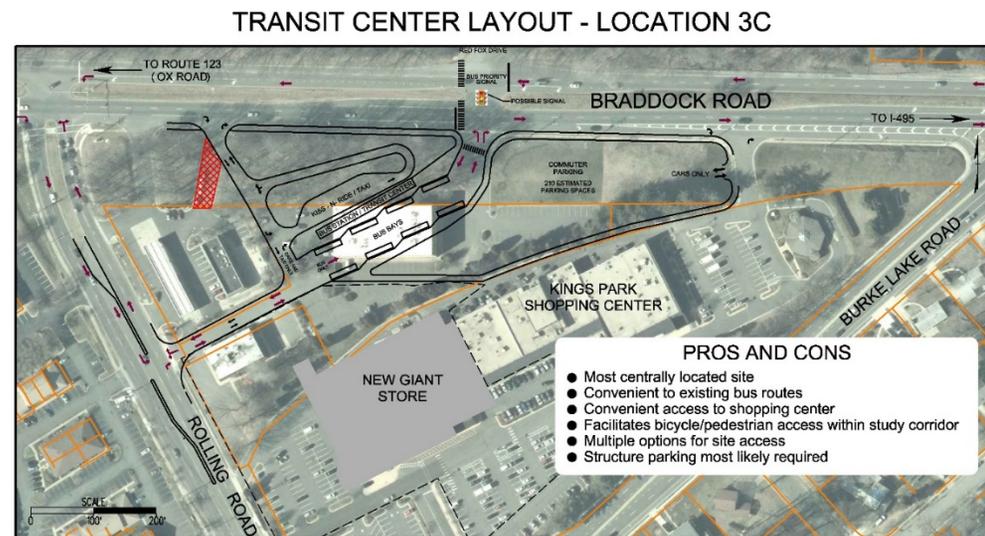
- Benefits of Commuter Parking
 - Reduce the Overall Need for Parking Space in the Community and Promote More Efficient Land Use
 - Consolidates and Expands Existing Formal and Informal Commuter Parking
 - Facilitates and Encourages Carpooling with Access to I-495 Express Lanes and Proposed HOV/HOT lanes on Braddock Road



County of Fairfax, Virginia

Candidate Transit Center Sites

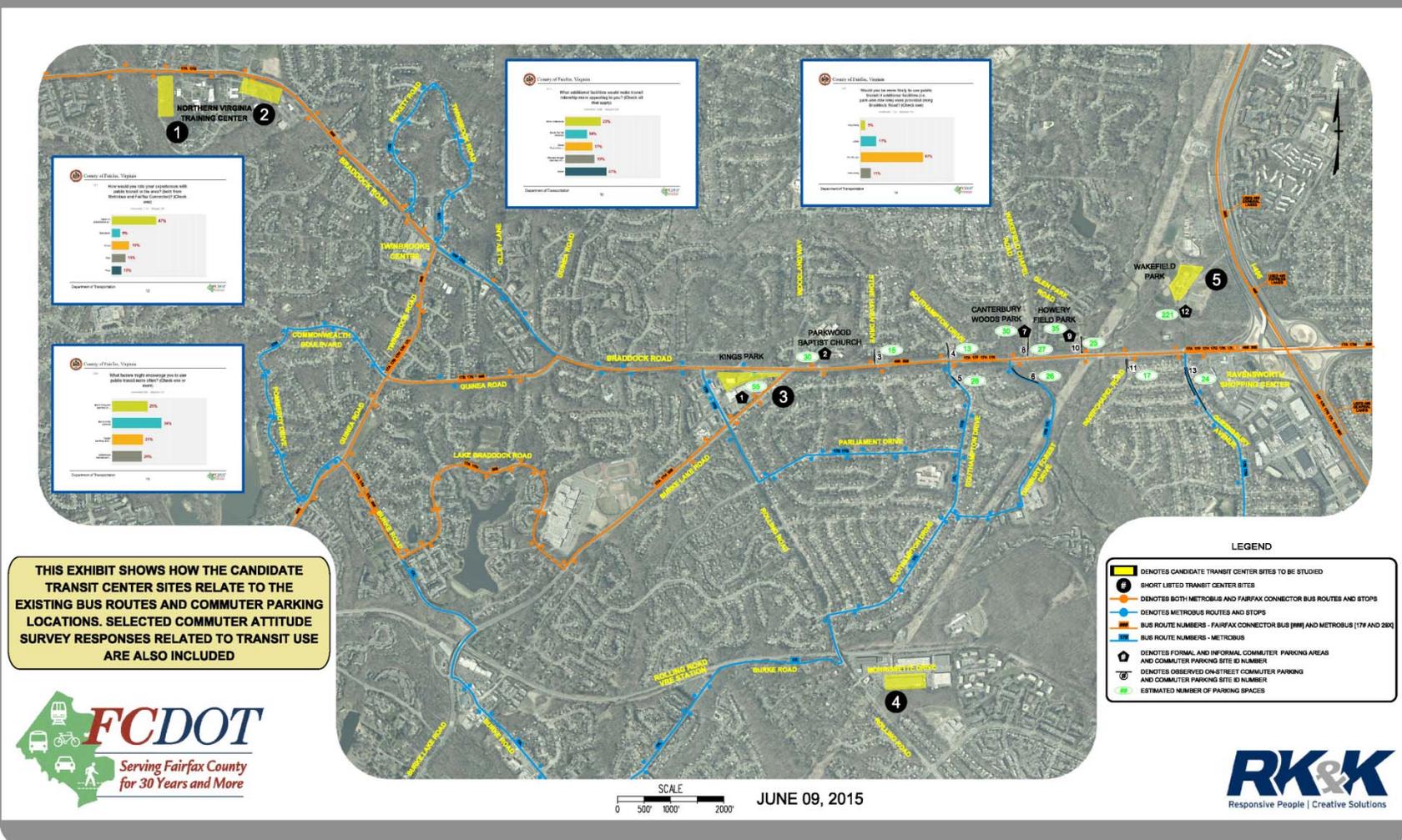
- Evaluation Process:
 - Site Analysis
 - Traffic Analysis
 - Pros and Cons
 - Measures of Effectiveness





County of Fairfax, Virginia

BUS ROUTES, COMMUTER PARKING AND CANDIDATE TRANSIT CENTER SITES ALONG BRADDOCK ROAD CORRIDOR

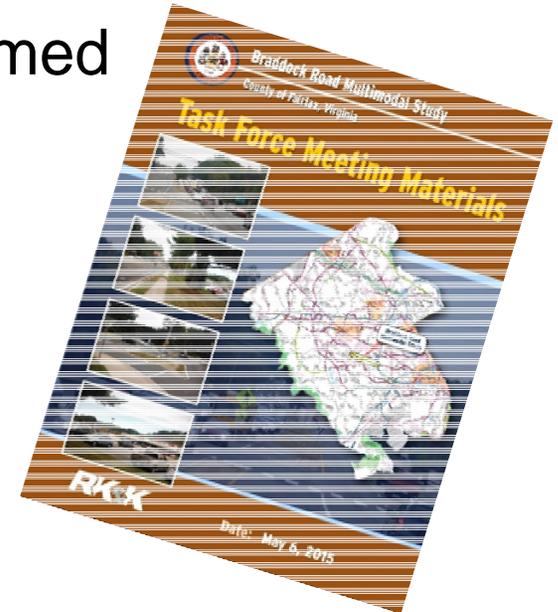




County of Fairfax, Virginia

Citizen Involvement

- Citizen Advisory Group “Task Force” Formed
- Regular Task Force Meetings
- Citizens Interaction through Task Force
- Periodic Community Meetings
 - June 2015
 - Late 2015
 - Spring 2016
- Supervisor Cook’s “Braddock Beacon” e-mails
- www.fairfaxcounty.gov/braddock/braddockroad.htm





County of Fairfax, Virginia

Neighborhood and Commuter Attitude Survey Results

- Opinion Survey
- More than 1,200 Respondents
- Findings:
 - Majority Drive Alone
 - 17% Use Carpool, Transit, Walk or Bike
 - Neighborhood Impacts Primary Concern
 - Pedestrian Safety is a Concern
 - Transit Center at Kings Park Shopping Center – Concern About Traffic, Access and Noise



County of Fairfax, Virginia

Work Completed to Date

- Data Collection Including:
 - Traffic Counts
 - Origin-Destination Data
 - Commuter Parking Survey
- Existing Conditions Traffic Analysis
- Neighborhood and Commuter Attitude Survey
- Transit Center Candidate Sites
- Eight Task Force Meetings





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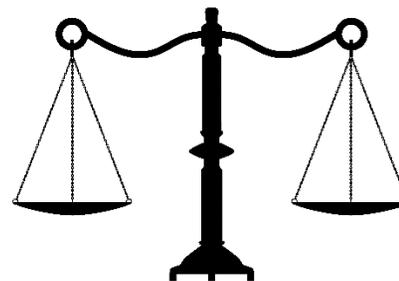
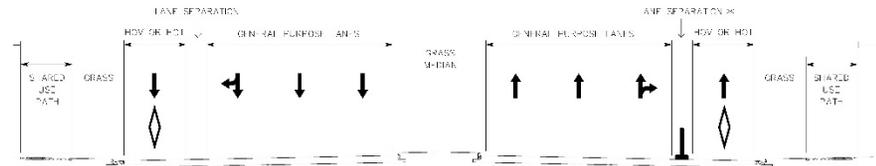
Work In Progress

- Travel Demand Modeling – Existing and Future Years (2040)
- Travel Simulation
- Candidate Transit Center Site Evaluations
- Neighborhood and Commuter Attitude Survey Analysis



Next Steps

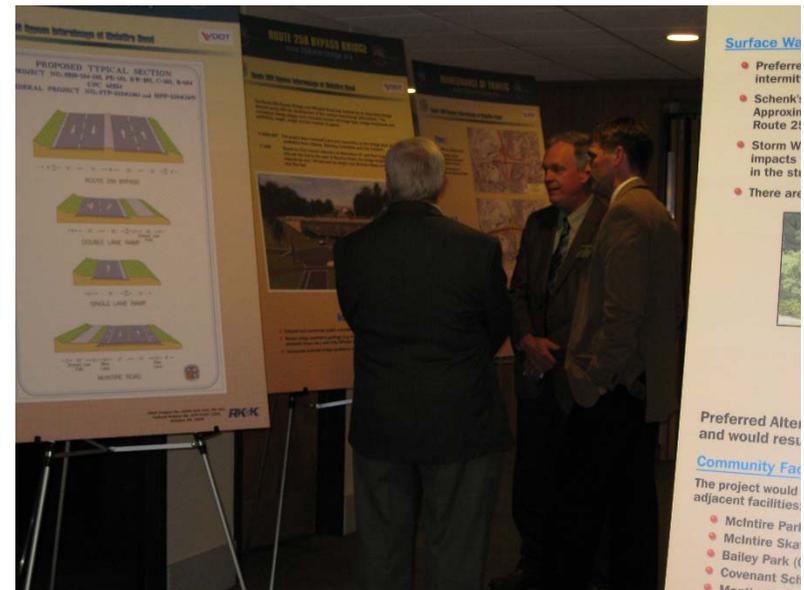
- Develop Alternatives
 - Alternative Alignments
 - Transit Center Sites
- Evaluate Alternatives
 - Measures of Effectiveness applied
 - Pros and Cons
 - Cost Analysis





Next Steps

- Community Meeting #3 – Late 2015
 - Provide Update on Project
 - Present alternatives with Initial Evaluation Criteria
 - Obtain Community Input
- Community Meeting #4
 - Spring 2016
 - Present Recommendations





County of Fairfax, Virginia

Community Input and Feedback

- Comment Sheets
- E-mail:

DOTInfo@fairfaxcounty.gov

Subject: Braddock Road

- US Mail:

Fairfax County Department of Transportation

4050 Legato Road, Suite 400

Fairfax, Virginia 22033

Attn: Braddock Road Multimodal Study

- Web site:

www.fairfaxcounty.gov/braddock/braddockroad.htm



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QUESTIONS?