Meeting Agenda

- Meet-and-Greet
- Highlights from Steering Committee Mtg. #3
- Transportation Study Purpose/Scope of Work
- Existing Transportation Conditions
- Transportation Online Survey Summary
- Multimodal Bridge Discussion/Input
Steering Committee Meeting #3

- Impetus for Eisenhower West Small Area Plan
  - Underutilized Metrorail Station
  - Industrial Uses
  - S. Pickett Street
Transportation Master Plan

• Ensures wise, effective, sustainable planning of the City’s transportation future
• Envisions a system that encourages use of alternative modes, reducing dependence on the automobile.
• Promotes a balance between travel efficiency and quality of life, providing transportation choices
• Small Area Plans should be consistent with the Transportation Master Plan
Transportation Study Purpose

• Serve as transportation element of the Small Area Plan
• Conduct additional analysis to show that the multimodal bridge is the only connection needed between Eisenhower and Duke
• Conduct additional analysis to define the alignment and modes of the multi-modal bridge concept (Landmark/Van Dorn Corridor Plan, 2009)
Transportation Study Boundary
Transportation Study – Major Elements

**Phase 1 – 2040 Baseline Analysis / Clermont Ave. Interchange Environmental Assessment Update**

- Existing Conditions: June 2014
- Multimodal Bridge Analysis: Fall 2014
- 2040 Baseline Analysis
- Clermont Ave Interchange EA Update: Winter 2014

**Phase 2 – 2040 Build Alternatives**

- 2040 Growth Scenarios: Fall 2014
- 2040 Build Alternatives Analysis
- Recommendations and Costs: Spring 2015
- Final Reports

Additional:
- Visioning: Summer 2014
- Informs Land Use Planning
- Informs Economic/Infrastructure Analysis

June 30, 2014 Eisenhower West Steering Committee
The Value of the Network

Old Town Alexandria  Eisenhower West Area
Networks Inform the Creation of Place

Old Town Alexandria

Eisenhower West Area
Existing Conditions – Road Network

Legend
- EWTS Study Area
- Eisenhower West SAP
- Capital Beltway HOT LANES
- Alley
- Arterial
- Expressway
- Local
- Primary Collector
- Ramp
- Residential Collector
Existing Conditions - Traffic

Weekday Peak Period Level of Service

Legend
- EWTS Study Area
- Roadways
- LOS A-C
- LOS D
- LOS E
- LOS F
Existing Conditions - Traffic

Weekday Peak Period Level of Service
Existing Conditions - Transit
Planned Transit Improvements

1/2 Mile Radius

Legend:
- EWTS Study Area
- Eisenhower West SAP
- Metro Stations
- 1/2 Mile Radius
- Multimodal Bridge Area
- BRT Corridor B
- Shelter
- Station
- DASH VDC
- DASH AT7
- BRT Corridor C
- Roadways

Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Eisenhower West Transportation Study
Overview Map of Study Area: Planned Transit

June 30, 2014 Eisenhower West Steering Committee
Existing Conditions - Bicycles

Legend
- EWTS Study Area
- Off Street Bike Path
- On Street Bike Route
- Eisenhower West SAP
- Roadways

Eisenhower West Transportation Study Overview Map of Study Area: Existing Bicycle Facilities

Existing Conditions - Pedestrians
Planned Transportation Improvements

- Restripe WB right turn to shared thru/right
- NB right turn lane
- Farrington Ave. Extension
- Van Dorn Metro access improvements
- Backlick Run Trail

Legend:
- Interstate Freeway
- Existing Arterial / Collector
- Recommended Improvement
- Future Transitway
- Proposed Multimodal Bridge
- Railroad
- Van Dorn Metrorail Station
- Bicycle Improvement
- Intersection Improvement
Transportation Online Poll

- 216 completed responses
- Online from May 15 thru June 9, 2014
- Questions were focused on:
  - Commute Patterns
  - Transportation Issues and Needs
  - Multimodal Bridge
  - Demographics
- Self selected responses (not a random survey)
- Helps to tell a story
Where do you live?

65% live in Alexandria west of Quaker Lane
Where do you work?

42% work in D.C.
27% work in Alexandria East of Quaker Lane
5% work in Alexandria West of Quaker Lane
What is your average one-way commute travel time?

Average travel time within 25 minutes (40%)
Average travel time over 40 minutes (27%)
What method do you use for your most frequent destination?

79% drive alone  
22% use Metrorail  
9% use DASH  
8% use Metrobus  
14% walk  
8% bike

2013 State of Commute Survey  
51% drive alone  
14% use Metrorail  
5% use bus  
3% bike or walk
How often do you use transit?

25% use transit weekly (1 or more times per week)

Of regular users, 77% use Metrorail, 30% use DASH, and 23% use Metrobus
What would prompt you to use transit more?

- More frequent service (37%)
- Improved travel time (30%)
- More weekend service (27%)
- More seat availability on public transit (4.6%)
What are the most needed transportation improvements in Eisenhower West?

- Improved pedestrian access to transit (25%)
- New road connections for vehicles (23%)
- Improved Metrorail service (20%)
- Additional roadway capacity for cars (20%)
How are current vehicular conditions in the Eisenhower West area?

- Somewhat acceptable: 48.2%
- Somewhat unacceptable: 22.2%
- Highly unacceptable: 13.4%
- Highly acceptable: 16.2%

64% believe conditions are somewhat or highly acceptable
How important is the Multimodal Bridge?

82% think the multimodal bridge is somewhat or very important
What should be the primary purpose of the Multimodal Bridge?

The highest importance should be for pedestrians (68%)
How many operating vehicles do you have at your household?

67% of households have two or more operating vehicles.
How many roundtrips do you typically make using your personal vehicle daily (Not including work trips)?

32% use their personal vehicle two or more times per day (not including work trips)
What we’ve heard so far…

• Improve connectivity
  – To Van Dorn Metrorail Station
  – Improved grid
  – Multimodal Bridge
  – Edsall Road connection
  – Pedestrian connectivity
• Multimodal bridge is important – highest priority is pedestrians
• Improve bicycle facilities/connections to Van Dorn Metro and on Duke Street
• Improve transit options; Connect to regional transit
• Transit circulators / Use of Shuttles
• Make Van Dorn Metro station a hub for modes; improve circulation and parking
• Improve traffic flow on Van Dorn Street and Duke Street
• No cut through traffic in Seminary Hill / Quaker Hill
Questions?
Multimodal Bridge Background

- **1984**: Federal Gov. approves Clermont Connector project
- **1986**: City requested removal of Eisenhower to Duke portion
- **1993**: Environmental Analysis completed
- **1997**: Phase 1 of Connector completed
- **2002**: Eisenhower to Duke Connector Study
- **2008**: Transportation Master Plan recommends transitways
- **2009**: Landmark Van Dom Corridor Plan recommends Multimodal Bridge
- **2011**: Industrial Use Study
- **2012**: VDOT requires City to conduct environmental update
- **2014**: Transitway Corridors Feasibility Study
- **2014**: Eisenhower West Small Area Plan
Multimodal Bridge Background – Clermont Connector

Clermont Avenue Interchange with I-95 Environmental Assessment, 1993
Multi-modal Bridge:
- Landmark/Van Dorn Corridor Plan 2009
- Create a connected grid system
- Safe, convenient ped. & bike access
- Improve transit ridership
- Improved access to Cameron Station
- Buses avoid Van Dorn St
- Alignment and cross-section not determined – Recommended feasibility analysis
- Development pressures require that alignment and cross-section be determined
What should be the primary purpose of the Multimodal Bridge?

The highest importance should be for pedestrians (68%)
Multimodal Bridge - Considerations
Multimodal Bridge Evaluation Criteria

• Constructability
• Transportation Benefit
• Right of Way Opportunities
• Environmental
  – Traffic Impacts
  – Business Impacts
  – Cost / socio-economics
• Emergency Access
• Integration with Land Use
Steering Committee Questions

• Does the bridge serve the goals of the Transportation Master Plan?
• Does the bridge serve the goals of the Landmark / Van Dorn Corridor Plan?
• As we move forward, does the bridge serve the land use vision for the Eisenhower West Small Area Plan?
Upcoming Meetings

Community Meeting #2: Visioning

- July 28, 2014
  - Open House – 6:30 – 7:00 pm
  - Community Meeting – 7:00 pm – 9:00 pm
- Location: Beatley Library

Steering Committee Meeting #5

- August 2014, 7:00-9:00 pm
- Location TBD
Thank You!

www.alexandriava.gov/eisenhowerwest