New Hampshire Avenue BRT Planning Study

Corridor Advisory Committee (CAC)
Meeting 2

June 2, 2022
Meeting Expectations

- We’re committed to starting on time and ending on time
- Meeting facilitator will guide discussion
- We’re creating spaces for all voices to be heard
- Take advantage of the “raise hand” feature
- Place microphones on mute when not talking
Using Zoom

Ask a question (in text):

• If you have a question during the presentation, please send it via the chat.

To send a chat:

• Click “chat” in the bottom menu.
• A new window will appear.
• Type your question and send it.
Using Zoom

Raise your hand:
• If you’d like to speak to ask a question or make a comment, please raise your hand.

To raise your hand:
• Click “Reactions” in the bottom menu.
• A new window will appear. Click the “Raise Hand” button at the bottom.
• If you’ve dialed in by phone, dial *9.
Project Team

Montgomery County Department of Transportation (MCDOT)
• Sandra Marks
• Corey Pitts
• Joana Conklin

Planning Consultant Team
• Jamie Henson
• John Manzoni
• Aditya Inamdar
• Nadiya Kutishcheva
Meeting Agenda

• Welcome
• Project Overview
• Public Meeting #1 Overview
• Review of Findings
• Next Steps
CAC Participants

- Residents
- Business Stakeholders
- Advocacy Groups
- Civic / Citizens Associations
Role of CAC

• Provide input, guidance and oversight in accordance with the Master Plan

• Community involvement throughout project

• Information sharing with community

• Build consensus
Project Overview
New Hampshire Ave BRT Planning Study

- **Corridor Extents from Master Plan Study:**
  - **Southern Terminus:** DC boundary at Eastern Ave
  - **Northern Terminus:** Colesville Park and Ride near Randolph Rd

- **Study Area Highlights:**
  - Multijurisdictional alignment: Prince George’s County, Takoma Park, District of Columbia
  - Southern terminus possibly in DC
  - Travels through Takoma Park, Langley Park, White Oak, and Colesville
  - Intersects the Purple Line
  - Intersects the US 29 Flash Service
New Hampshire Ave BRT Planning Study

- **WE ARE HERE**
- 2013 Master Plan
- 2022 Planning Study
- Environmental Evaluation
- Preliminary Design
- Final Design
- Construction
## Stakeholder and Community Engagement
- **Existing Conditions / Data Analysis:** Including Planning Analysis, Traffic Analysis, & Transit Data Analytics
- **Purpose and Need, Goals, MOEs**
- **Conceptual Design Alternatives:** Initial Ideas
- **Evaluation of Alternatives:** Initial Alternatives Analysis
- **Locally Preferred Alternative and Implementation Plan**

## WINTER & SPRING 2022
- **Phase 1: Existing Conditions**
- **Phase 2: Definition & Analysis of Alternatives**
- **Phase 3: Preferred Alternative**

## SUMMER & FALL 2022
- **Initial Alternatives Development**
- **Hybrid Alt. Dev.**
- **10% Concept Development**

## WINTER 2022
- **Public Meeting 1**
- **Public Meeting 2**
- **Public Meeting 3**

## SPRING 2023
- **Public Meeting 4**

### Schedule
- **WE ARE HERE**
- **June 15, 16, 18, 2022**
- **CAC Meeting**
Goals

- Mobility Choices
- Sustainable Solutions
- Corridor Safety
- Economic Growth
- Quality Service
- Community Equity
Public Meeting 1 Overview
First Round of Public Meetings

MAY

SUNDAY: 22
MONDAY: 23
TUESDAY: 24
WEDNESDAY: 25
THURSDAY: 26
FRIDAY: 27
SATURDAY: 28

JUNE

SUNDAY: 29
MONDAY: 30
TUESDAY: 31
WEDNESDAY: 1
THURSDAY: 2
FRIDAY: 3
SATURDAY: 4

IN-PERSON OPEN HOUSE 1
ONLINE OPEN HOUSE 2
IN-PERSON OPEN HOUSE 3

BUS STOP CHATS
CAC MEETING
TAC MEETING
Bus Stop Chats

- 06/07 - 3:00 pm - 5:00 pm
  East West Highway Intersection

- 06/08 - 10:00 am – 2:30 pm
  Takoma Langley Farmers Market

- 06/09 - 3:00 pm – 5:00pm
  Hillandale Shopping Center

- 06/09 - 5:30 pm – 7:30 pm
  White Oak Transit Center
Public Meetings

**Wednesday, June 15**
Langley Park Community Center
1500 Merrimac Dr, Hyattsville, MD 20783
Open House 4:00 pm – 6:00 pm
Presentations at 4:00 pm and 5:00 pm

**Thursday, June 16**
Online Meeting
https://tinyurl.com/NHBRTzoom
Visit Project Website for More Information
Open House 6:00 pm – 8:00 pm
Presentations at 6:00 pm and 7:00pm

**Saturday, June 18**
CHI Centers, Inc
10501 New Hampshire Ave, Silver Spring, MD 20903
Open House 11:00 am – 1:00 pm
Presentations at 11:00 am and 12:00 pm
Project Website

https://www.tinyurl.com/newhampshirebrt

Share Your Experience
If you live, work, or travel in this area, please use this interactive map tool to help us understand how people use this roadway. Help us to identify what is working well and what can be improved.

Open Comment Map

Meetings
CAC Meeting #1 (Wednesday, April 5, 2023)
- Presentation
- Video recording of meeting
- Meeting Summary (coming soon)

About Corridor Advisory Committees (CAC)
Corridor Advisory Committees follow Master Plan guidance as approved by the County. They are tasked with reviewing and giving feedback on the New Hampshire Avenue Corridor Study. Meetings are open to the public and provide an opportunity for stakeholders to provide input and participate in discussions.

CAC Member List

Stay Informed
Join our mailing list and receive project updates and community meetings and events.

SIGN UP FOR UPDATES
Public Meeting Topics

- Project Overview
- Goals
- Overview of BRT
- Equity and Land Use
- Existing Conditions Analysis
Review of Findings
Planning Analysis

- Equity Areas
- Existing Plans and Development
- Land Use Nodes
- Network Limitations
- Safety Concerns
Existing Traffic Analysis

• Assumptions
• Delay
• Level of Service
• Queueing
• Speed
• Travel Time

Study Questions:

1) Where are delays and queues?
2) How long does it take to drive the corridor?
3) Have we accurately represented conditions?
Existing AM Traffic Delay

• The longest delays are at:
  • Eastern Avenue
  • Ethan Allen Avenue
  • University Boulevard
  • Adelphi Road
  • The Beltway
  • Randolph Road
Existing PM Traffic Delay

- Delays are slightly higher in the PM peak hour
  - Eastern Avenue
  - Adelphi Road
  - Lockwood Drive
Existing AM Traffic Travel Times

- Travel conditions south of the Beltway are relatively slow
- Slowest speeds are south of University
Existing PM Traffic Travel Times

- Northbound travel times are longer in the PM
- PM outbound is slower than inbound AM
- Slowest speeds are in the central segment
- Southbound travel times are slightly shorter in the PM
Poll: Where does your driving experience differ?
Existing Transit Analysis

- Ridership
- Delay
- Speed
- Travel Time
- Amenities
- Network Connectivity

Study Questions:

1) How fast and reliable is the bus?

2) Where are people getting on and off the bus?

3) Where can people get using public transit?
Origin – Destination Analysis

• Corridor residents work in the District, Silver Spring, 270 corridor, and White Oak

• Highlights the needs for connections
Transit Connectivity

- Variety of routes and service patterns in the corridor
- Thru bus service from White Oak to Fort Totten Metro
- Frequent service to Silver Spring and Takoma Metro
- Multiple crossing services
Transit Frequency

- K6 Operates at 10 to 12-minute frequencies
- Multiple high frequency routes
- High combined frequency south of Piney Branch Road
Transit Ridership

- High stop density
- High Ridership
  - White Oak
  - Around the Beltway
  - University and immediately south
  - Ethan Allen
  - Fort Totten
- Approximately 9,500 daily boardings in the corridor
Route K6 Speed - AM

- Slower at University
- Slower approaching the Beltway
- Slower near the District
- Faster north of Beltway
Route K6 Speed - PM

- Slower at University
- Slower approaching the Beltway
- Slower near the District
- Faster north of Beltway
Multimodal Infrastructure

- Limited bicycle and pedestrian network
- Uncomfortable pedestrian and bicycle experience

Photo Source: Google Earth
Poll: What should be the southern terminus?
Next Steps
Next Step: Develop and Test Alternatives

Enhanced Vehicles

Enhanced Stations

Enhanced Operations

Station locations

Runningway

Intersections
Next Step: Refine Station Locations

• Verify master plan station locations
• Consider additional locations
• Identify specific station locations

1. Colesville park-and-ride
2. MD 650 and Randolph Road
3. MD 650 and Valleybrook Drive
4. MD 650 and Jackson Road
5. White Oak Transit Center
6. FDA White Oak Campus
7. MD 650 at Hillandale
8. MD 650 and Oakview Drive
9. MD 650 and Northampton Drive
10. Takoma/Langley Transit Center
11. MD 650 and MD 410
12. MD 650 and Eastern Avenue
Next Step: Identify Concepts to Consider

Lane Configurations

- Bus in Mixed Traffic
- Curbside Bus Lanes
- One Median Bus Lane
- Two Median Bus Lanes
Next Steps

• Public Engagement
• Develop Synthesis of Findings
• Refine Goals, Objectives, and MOEs
• Refine Station Locations
• Develop Concepts
Help Spread the Word!

- Social Media
- Newsletter
- Meeting Poster
- Project Summary

Bus Rapid Transit (BRT) is Coming to New Hampshire Ave

The Montgomery County Department of Transportation (MCDOT) is advancing BRT for the New Hampshire Avenue corridor consistent with the 2013 Countywide Transit Corridors Functional Master Plan. BRT will provide high-quality transit service that improves the speed and reliability of bus service in the corridor.

This study will:
- Identify locations experiencing bus delay
- Define route end points
- Locate future station locations
- Evaluate potential improvements to bus service
- Improve station accessibility
- Connect with existing transit

New Hampshire Ave BRT Study

Upcoming Open Houses
We are here to answer your questions - Arrive anytime!

15 DE JUNIO
Centro Comunitario de Langley Park
de 6:00 p.m. a 8:00 p.m.

16 DE JUNIO
Reunión en línea
de 6:00 p.m. a 8:00 p.m.

18 DE JUNIO
Centro Hillendale CHI
de 11:00 a.m. a 1:00 p.m.

PROJECT SCHEDULE

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<td>Spring 2022</td>
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Existing Conditions Analysis

Defining and Analyzing Alternatives

Select Preferred Alternative
Questions?

Sandra Marks – BRT Project Manager, MCDOT

Sandra.marks@montgomerycountymd.gov

Project Webpage