

# 16TH STREET NW TRANSIT PRIORITY



*Planning Study*

## Citizens Advisory Group Meeting No. 4

December 15, 2015



# Agenda

## 1. Project Overview

- Timeline
- Fall Public Outreach

## 2. Alternatives Analysis & Draft Preferred Alternative

## 3. Next Steps

# Purpose of Tonight's Meeting

- Provide feedback on the Draft Preferred Alternative.
  - Are there any improvements that should be added?
  - Are there any improvements that should be removed?

# PROJECT OVERVIEW

# Study Area

## Primary Study Area

- 16<sup>th</sup> Street NW from H Street to Arkansas Avenue

## Secondary Study Area

- Bounded by 14<sup>th</sup> Street, 18<sup>th</sup> Street, Taylor Street and H Street



# Goals



- **Improve travel for persons using public transit**
- **Develop alternatives** based on public and stakeholder input
- **Evaluate alternatives** in terms of their benefits to transit users, possible impacts on other users of the corridor, and safety

# Objectives

- Improve transit reliability and travel times
- Prioritize transit while maintaining multi-modal operations
- Improve passenger comfort and safety
- Accommodate unmet demand
- Develop an implementation plan

# Citizens Advisory Group

- Purpose:
  - Advise DDOT in between larger public engagement events
  - Help to expand the dialogue and reach of the planning process
- Thank you for your participation!

# Project Timeline

January 2015

January 2016



# Fall Meetings and Events

- September 30: Citizens Advisory Group Meeting
- October: Four “pop-up” style events along the corridor
  - 500 flyers or rack cards distributed
  - Nearly 80 surveys completed
- Presentations at 4A, 4C, 1C, and 2B ANC October meetings
- Public comments received through October 21
  - Approximately 150 comments received via email

# What We Heard



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- Large support for bus lanes and off-board fare payment for all buses
- Some concern about S1 truncation and Arkansas Avenue deadhead
- Mixed or few comments on other improvements

# Refinement of the Alternatives

- S1 truncation at Farragut Square removed from Alternative 1
- Arkansas Avenue deadhead service removed from Alternative 1
- Left-turn restriction northbound at Mt. Pleasant Street removed from Alternative 3

# **ALTERNATIVES ANALYSIS & DRAFT PREFERRED ALTERNATIVE**

# Review of Alternatives

- Alternative 1: Service Focus
- Alternative 2: Infrastructure Focus
- Alternative 3: Mixed Service and Infrastructure

# Analysis

- Multi-modal VISSIM model
- Transit dwell and travel time estimations
- Verification of physical space needs and feasibility - ongoing
- Capital and operating cost estimates and implementation strategy - ongoing

# Level of Service (LOS)

- **LOS A:** Free flow
- **LOS B:** Stable flow (slight delays)
- **LOS C:** Stable flow (acceptable delays, speed limit is maintained)
- **LOS D:** Approaching unstable flow (speeds slightly decrease, occasionally wait through more than one signal cycle)
- **LOS E:** Unstable flow (operating at capacity, vehicles rarely reach speed limit, disruptions cause shock waves to traffic upstream)
- **LOS F:** Forced flow (constant traffic jam)

# NEXT STEPS

# Next Steps

- January 21: Final Public Meeting
  - Washington, DC Jewish Community Center
  - 3:30 PM – 8:00 PM
  - Presentations at 4:00 PM and 7:00 PM

## Stay Connected

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Project Website

[bit.ly/16thStreetBus](http://bit.ly/16thStreetBus)

