

# ENVISION ROUTE 7



## Tapping Transit to Transform a Thoroughfare

*Presented to:* **Fairfax County Transportation Advisory Committee**

*Presented by:* **Northern Virginia Transportation Commission**

Tuesday, September 15, 2015

Page 1

# Envision Route 7 Transit

- Envision a transit option that:
- Connects people and businesses to economic opportunity
  - Moves more people
  - Provides a faster trip
  - Offers higher quality service



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# 34 Percent Population Growth

100,000

75,000

50,000

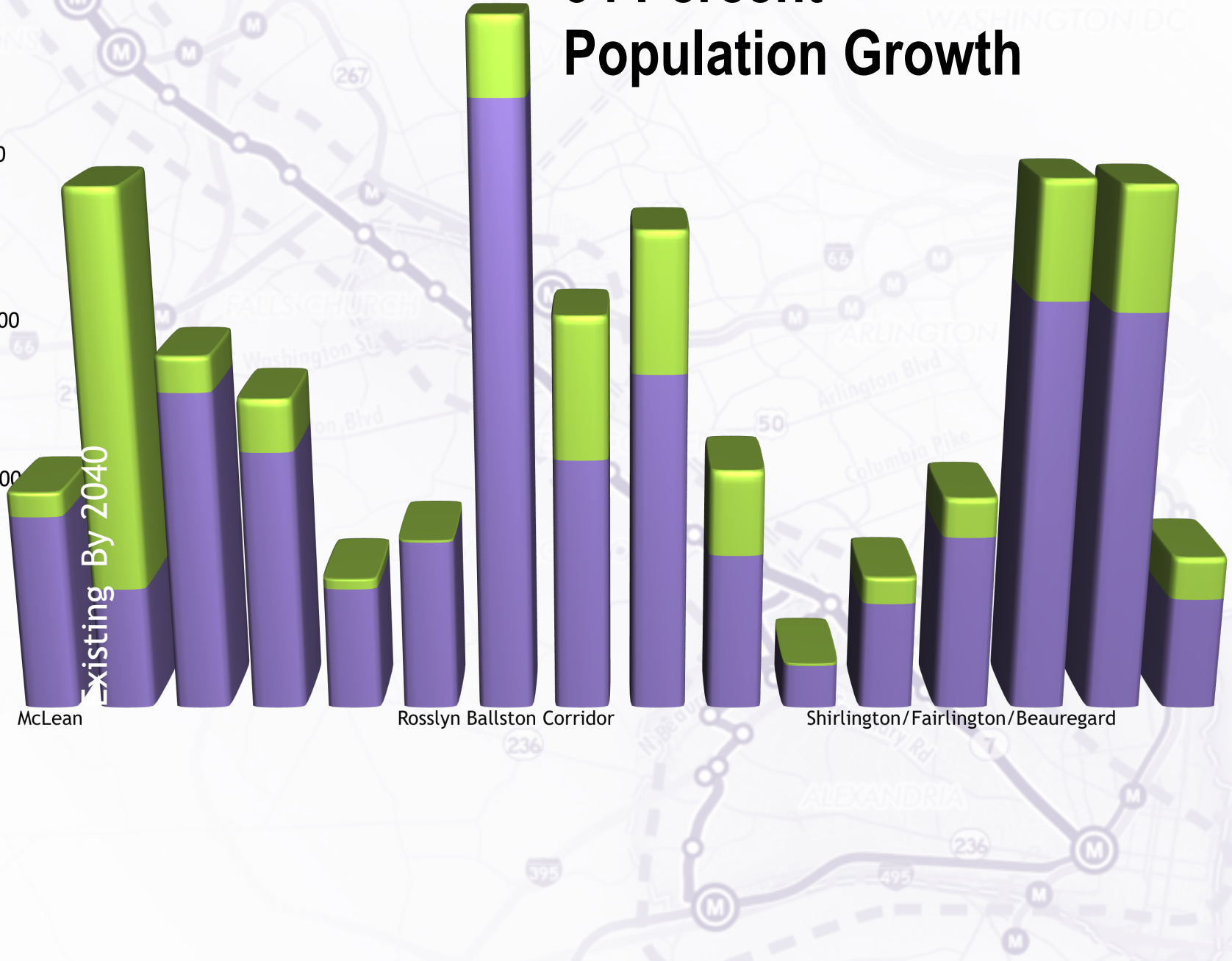
25,000

Existing By 2040

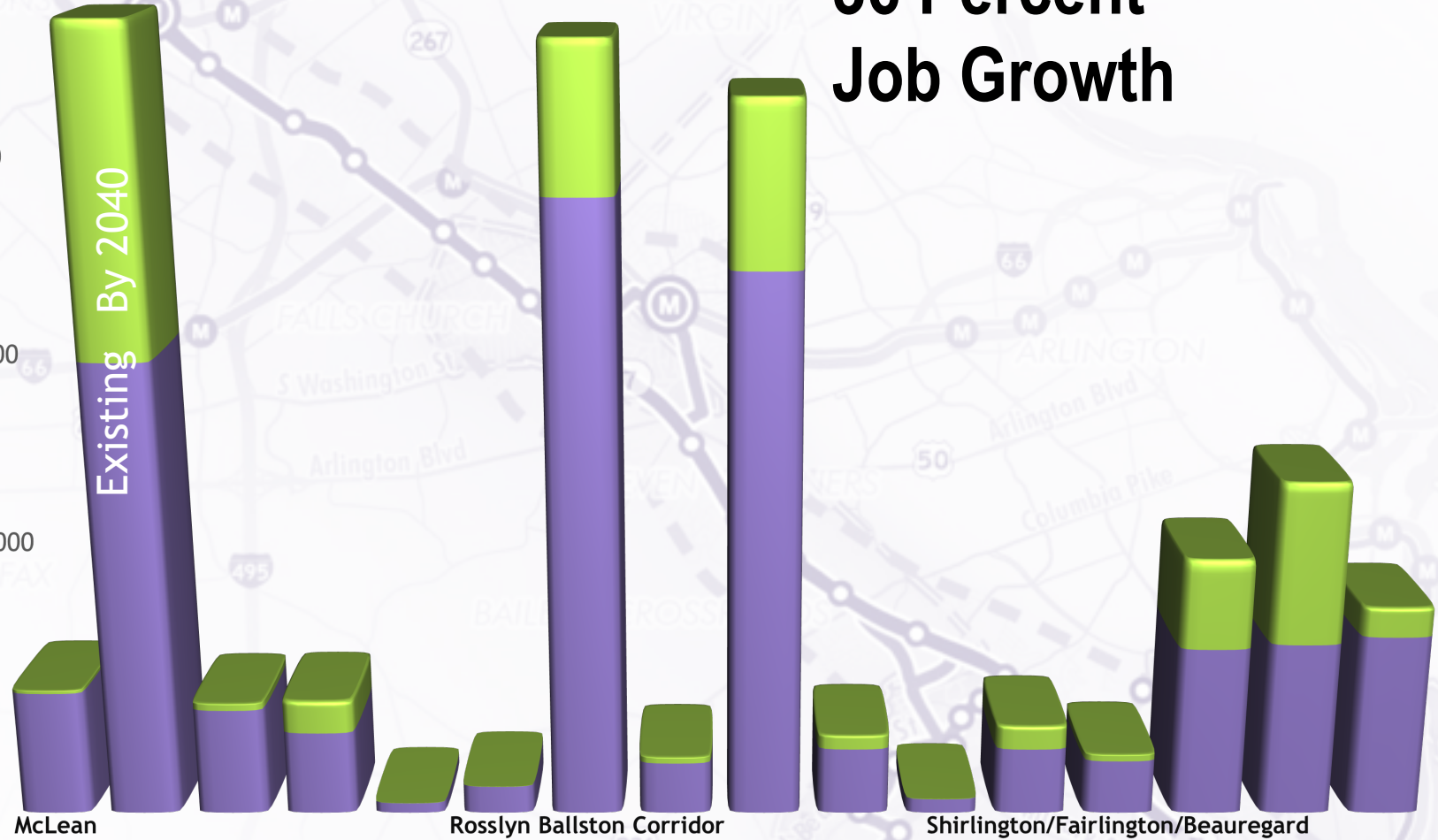
McLean

Rosslyn Ballston Corridor

Shirlington/Fairlington/Beauregard



# 36 Percent Job Growth





# Tyson's Employment = Miami CBD



# How We Got Here

➤ Types of transit considered in Phase I



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# Remaining Modes for Consideration



**Light Rail Transit (LRT)**

- ◆ Operates in mixed traffic or separate from traffic
- ◆ Uses overhead electric wires for power
- ◆ Stations typically include platforms, shelters and ticket vending machines
- ◆ 200 persons per vehicle
- ◆ Limited station stops



**Bus Rapid Transit (BRT)**

- ◆ Operates in mixed traffic or separate from traffic
- ◆ Uses modern bus technology
- ◆ Sleek vehicles with low floor, multi-door boarding
- ◆ Dual side boarding
- ◆ 120 persons per vehicle
- ◆ Limited station stops



**Enhanced Bus**

- ◆ Operates in mixed traffic
- ◆ Uses standard bus technology
- ◆ Includes normal and articulated buses
- ◆ 60-80 persons per vehicle
- ◆ Frequent stops

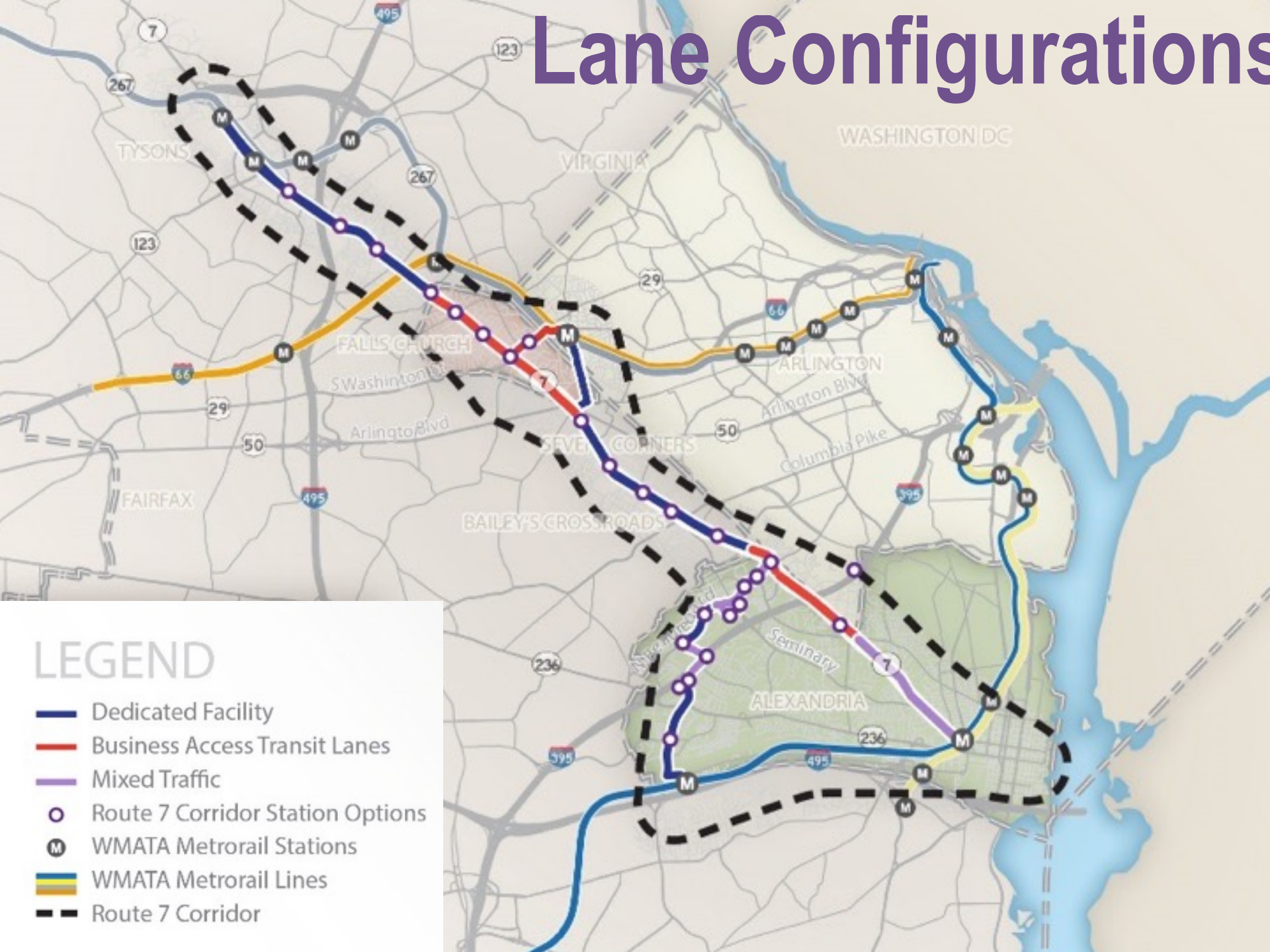


# Route Options

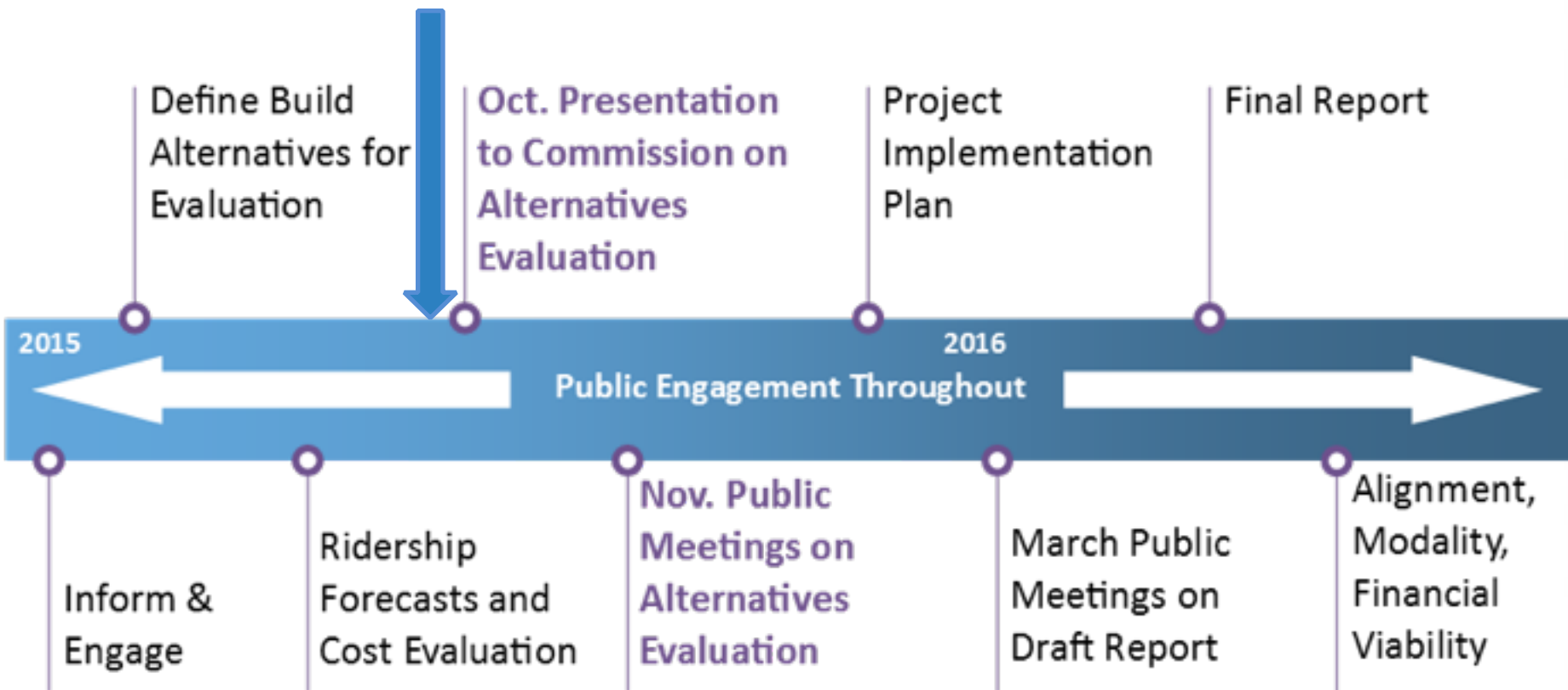




# Lane Configurations



# The Road Ahead



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## Upcoming Public Meetings

Wed., Nov. 4, 7-9 p.m.  
Alexandria Health  
Department Building  
4480 King St.  
5th Fl. Conference Room  
Alexandria, VA 22302

Tues., Nov. 10, 7-9 p.m.  
Mary Ellen Henderson  
Middle School  
7130 Leesburg Pike  
Auditorium  
Falls Church, VA 22043

Wed., Nov. 18, 7-9 p.m.  
Glen Forest  
Elementary School  
Cafeteria  
5829 Glen Forest Dr.  
Falls Church, VA 22041

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