



HAMPTON ROADS  
TRANSIT

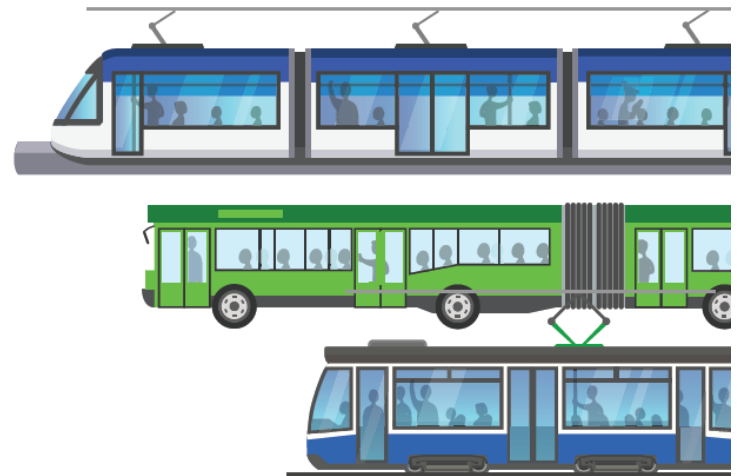
# Peninsula Corridor Study

## Hampton City Council

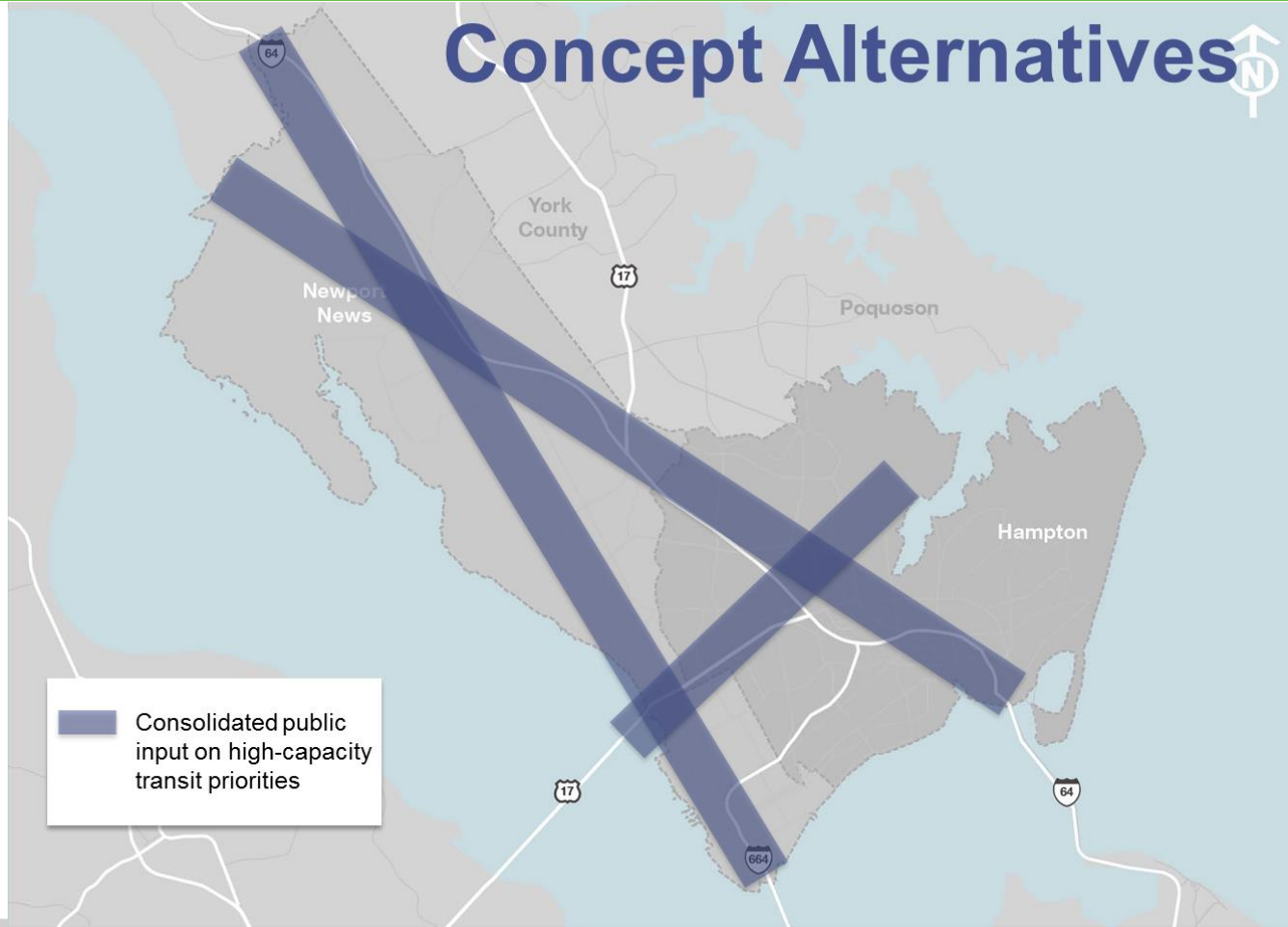
June 14, 2017

[gohrt.com](http://gohrt.com)

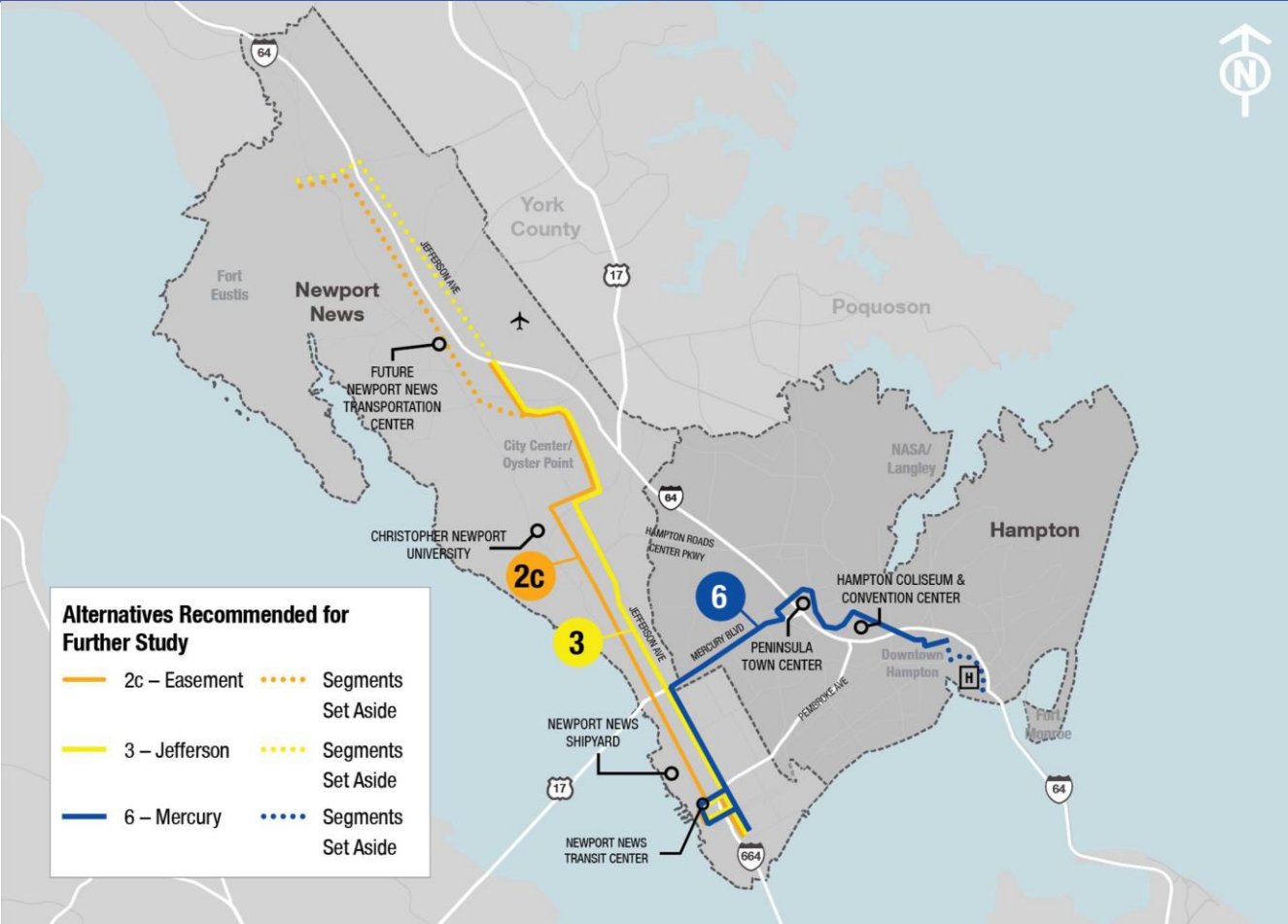
# Corridor Recommendations



# Tier 1 & Tier 2 Alternatives

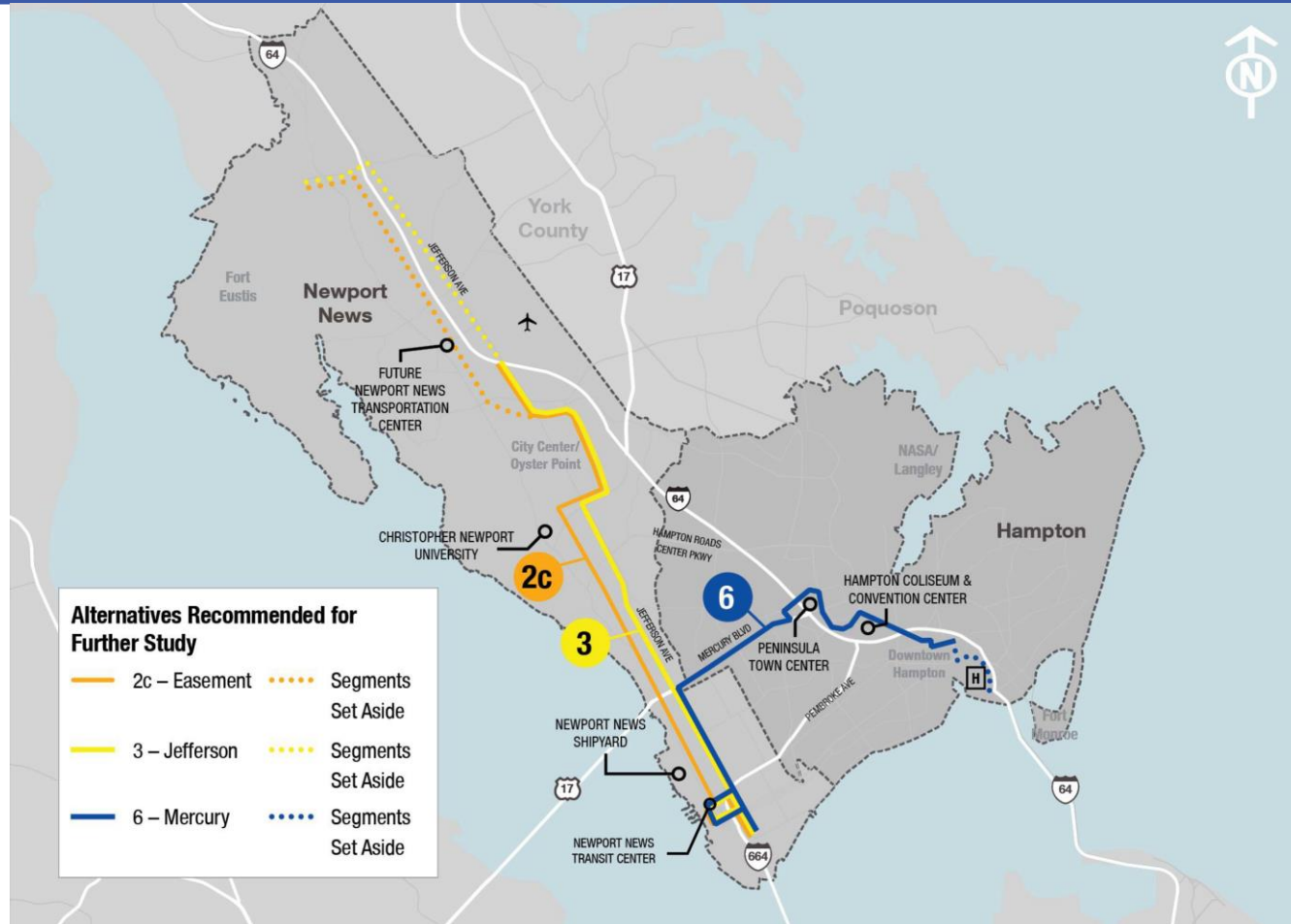


# Retained Alternatives



# Meeting the Project Purpose

- Provide Travel Choices
- Support Growth in Accordance with Plans
- Mitigate Increase in Congestion by Attracting Riders
- Contribute to a Desirable Place to Live and Attract New Residents
- Effectively Compete for Federal Funding



# Alternative 2c – Easement

(12.9 Miles / 84% Dedicated / 4,200 weekday riders)

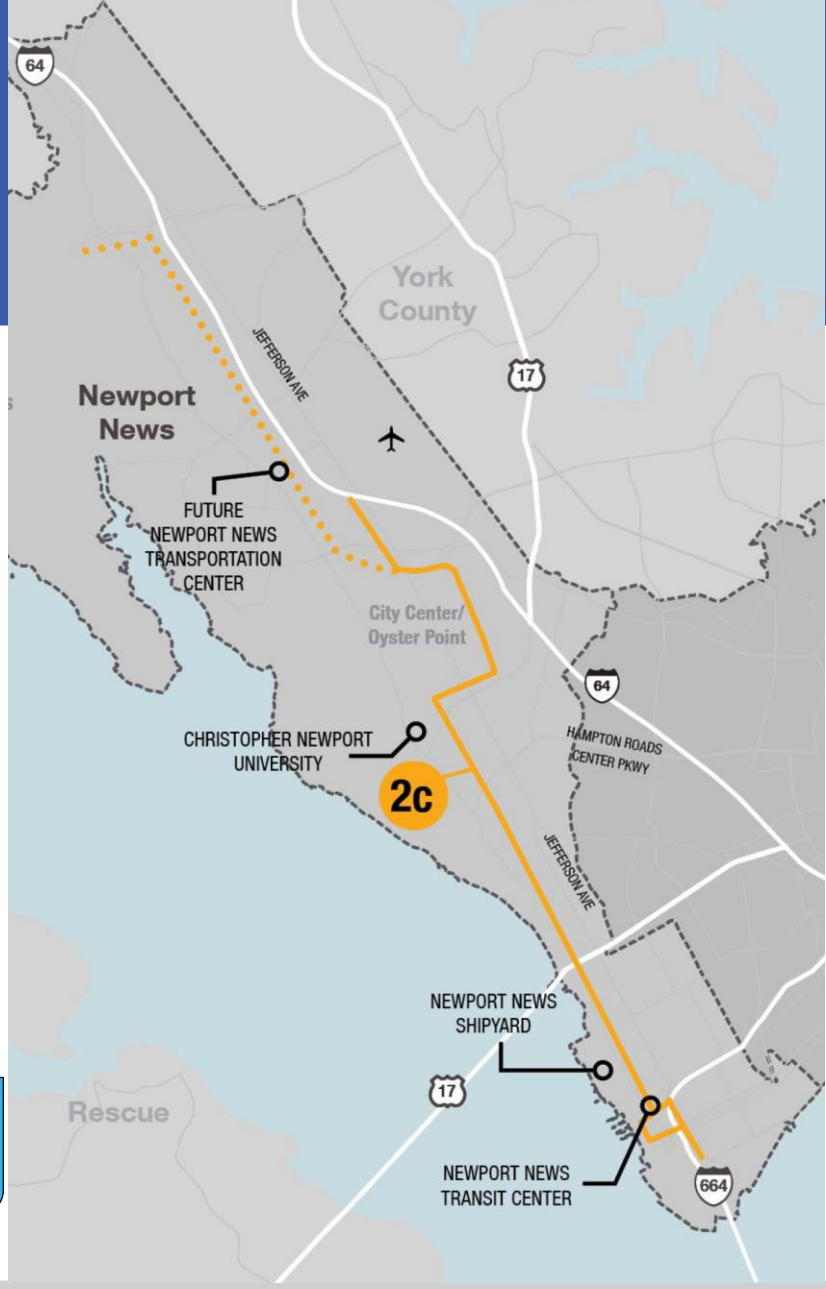
Provide Travel Choices  
**Best**

Support Growth in Accordance with Plans  
**Better**

Mitigate Increase in Congestion  
by Attracting Riders  
**Good**

Contribute to Desirable Place &  
Attract New Residents  
**Good**

Effectively Compete for Federal Funding  
**Best**



# Alternative 3 – Jefferson

(13.3 Miles / 76% Dedicated / 4,100 weekday riders)

Provide Travel Choices

**Better**

Support Growth in Accordance with Plans

**Better**

Mitigate Increase in Congestion  
by Attracting Riders

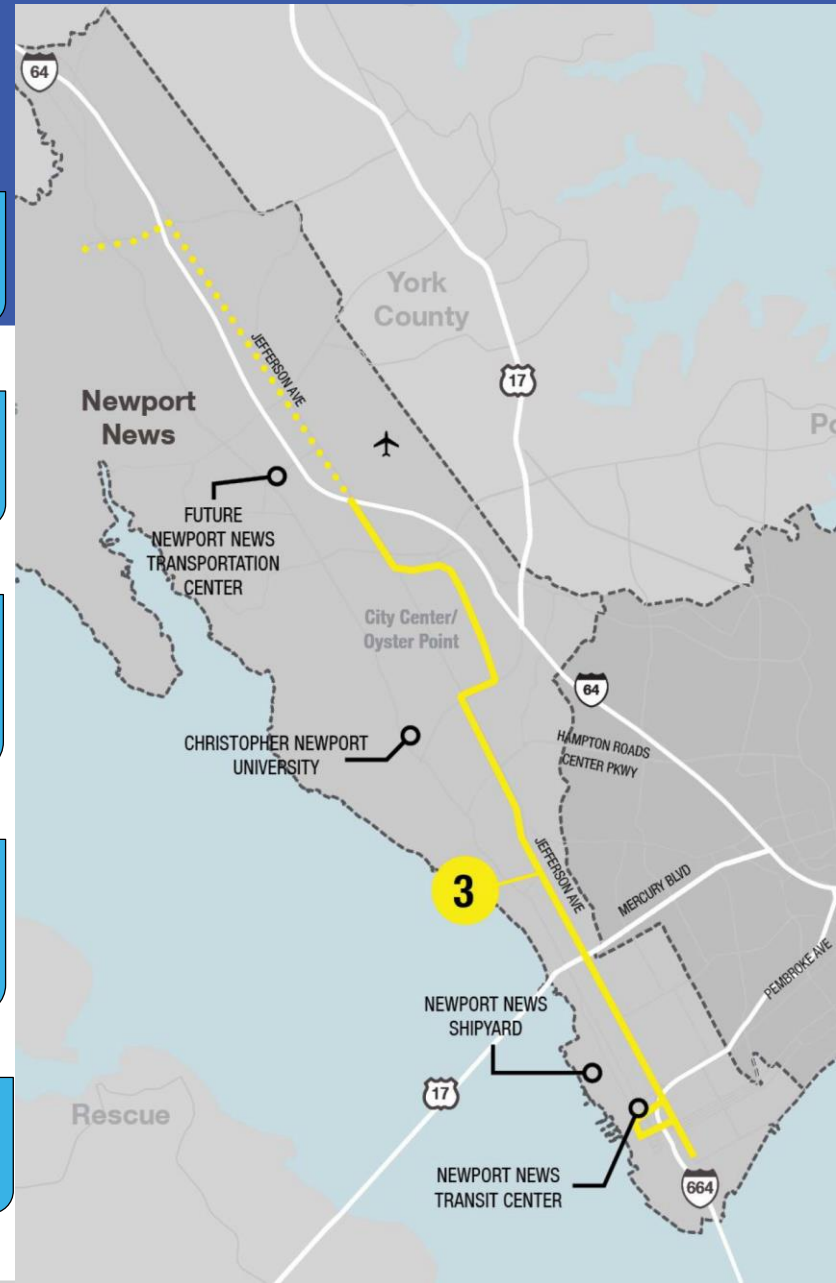
**Better**

Contribute to Desirable Place &  
Attract New Residents

**Better**

Effectively Compete for Federal Funding

**Good**





# Alternative 6 – Mercury

(12.2 Miles / 65% Dedicated / 4,100 weekday riders)

Provide Travel Choices

**Better**

Support Growth in Accordance with Plans

**Best**

Mitigate Increase in Congestion  
by Attracting Riders

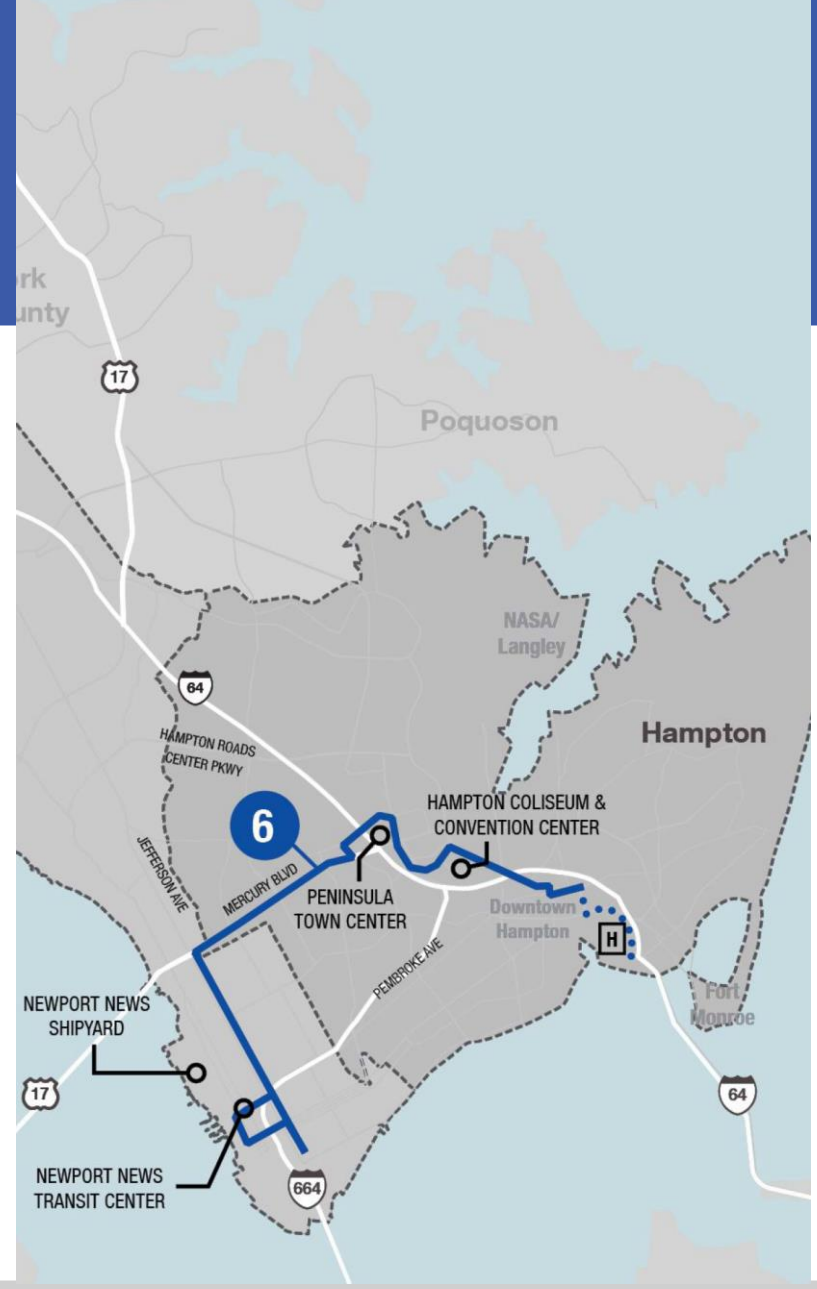
**Best**

Contribute to Desirable Place &  
Attract New Residents

**Best**

Effectively Compete for Federal Funding

**Better**

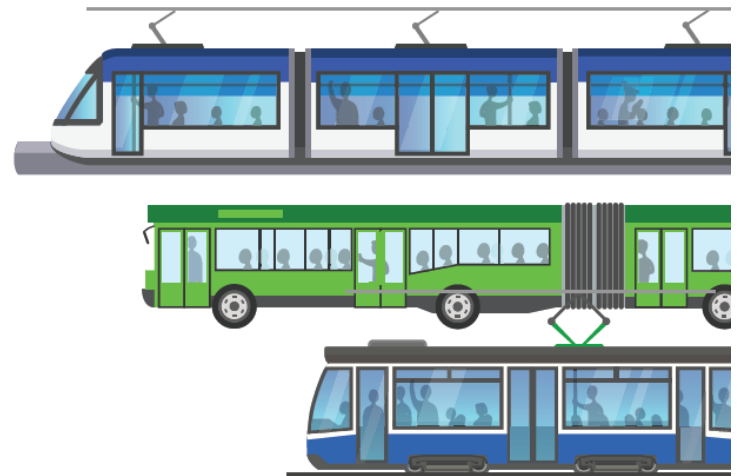




# What is BRT?

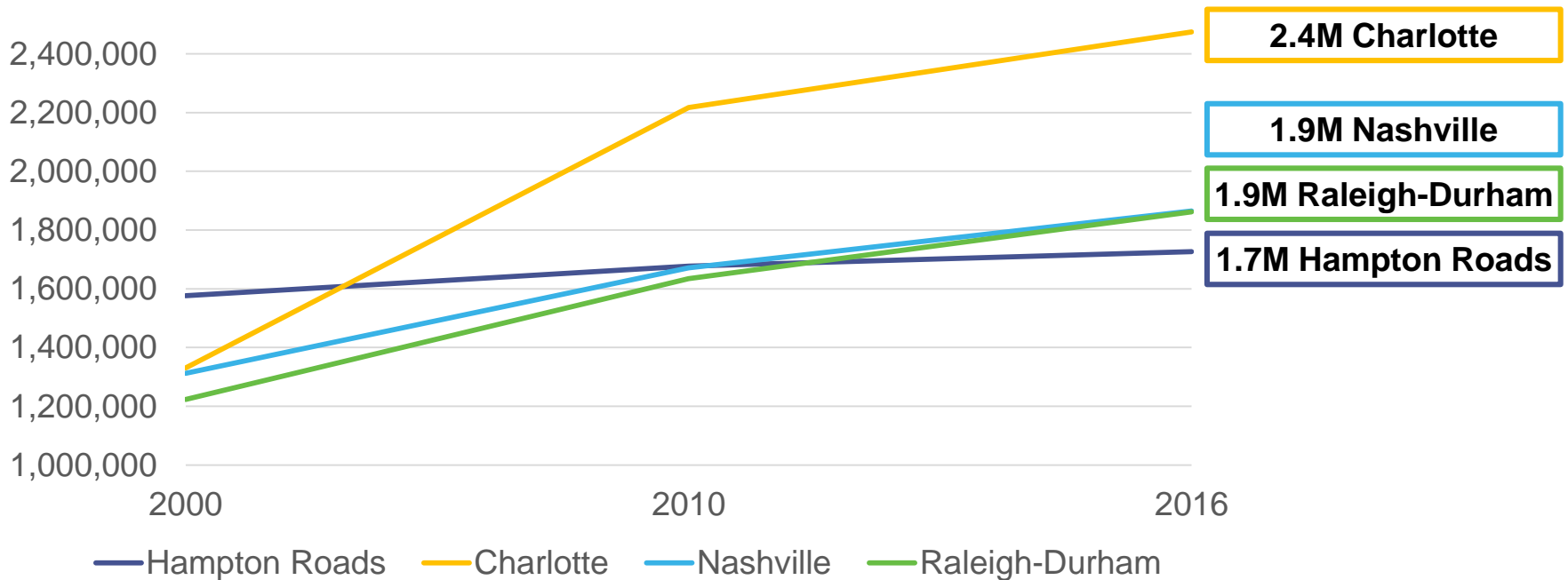


# An Investment Tool for Hampton



# Regional Economic Status

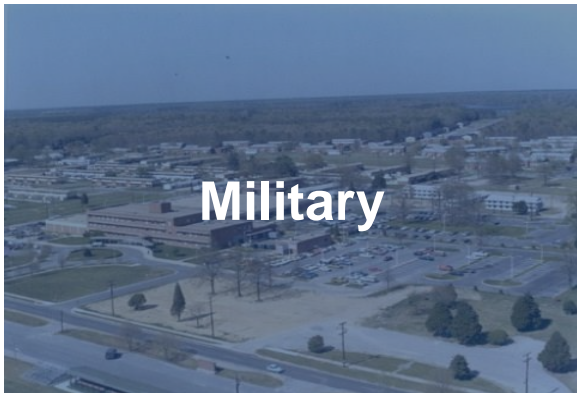
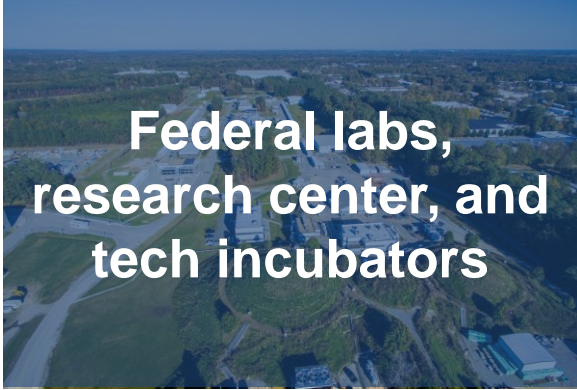
## Region Population Growth, 2000-2016



Source: US Census Bureau



# Regional transportation systems can catalyze economic development and support regional competitiveness.

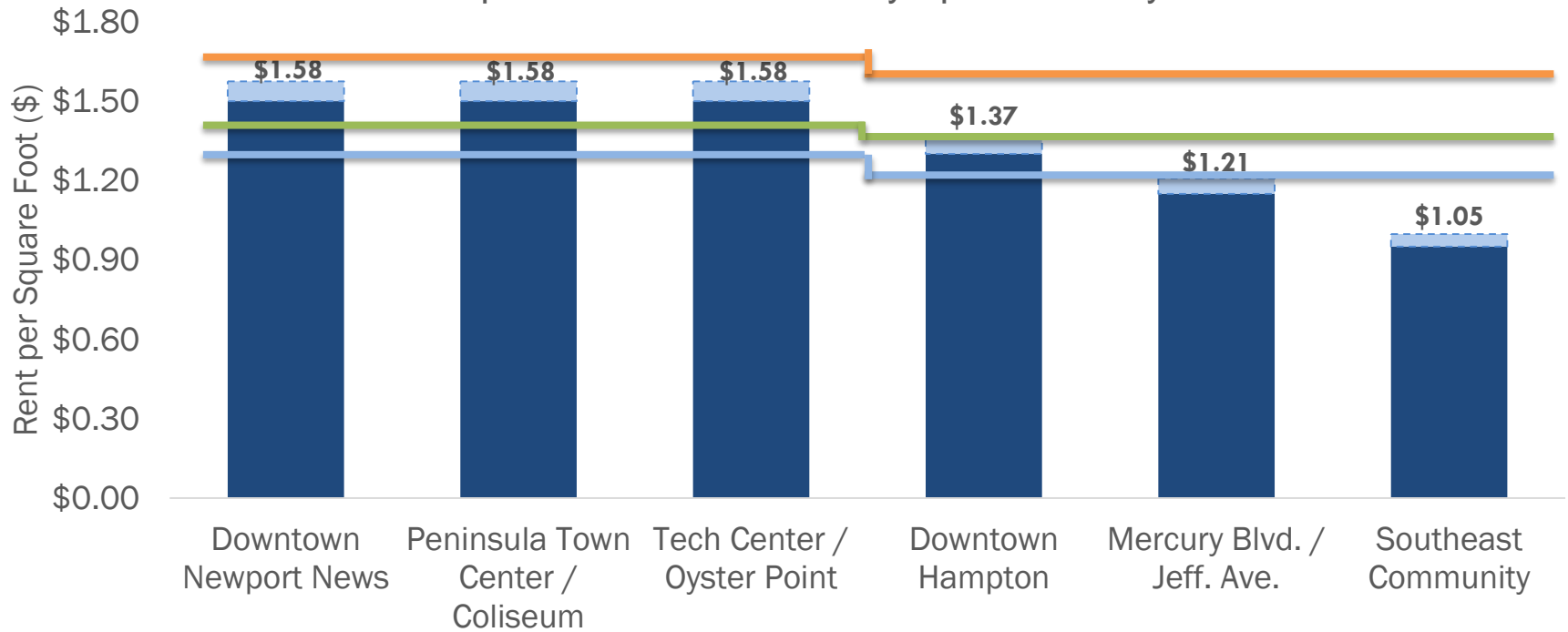


# Transit Oriented Development: Housing



# Economic Benefits

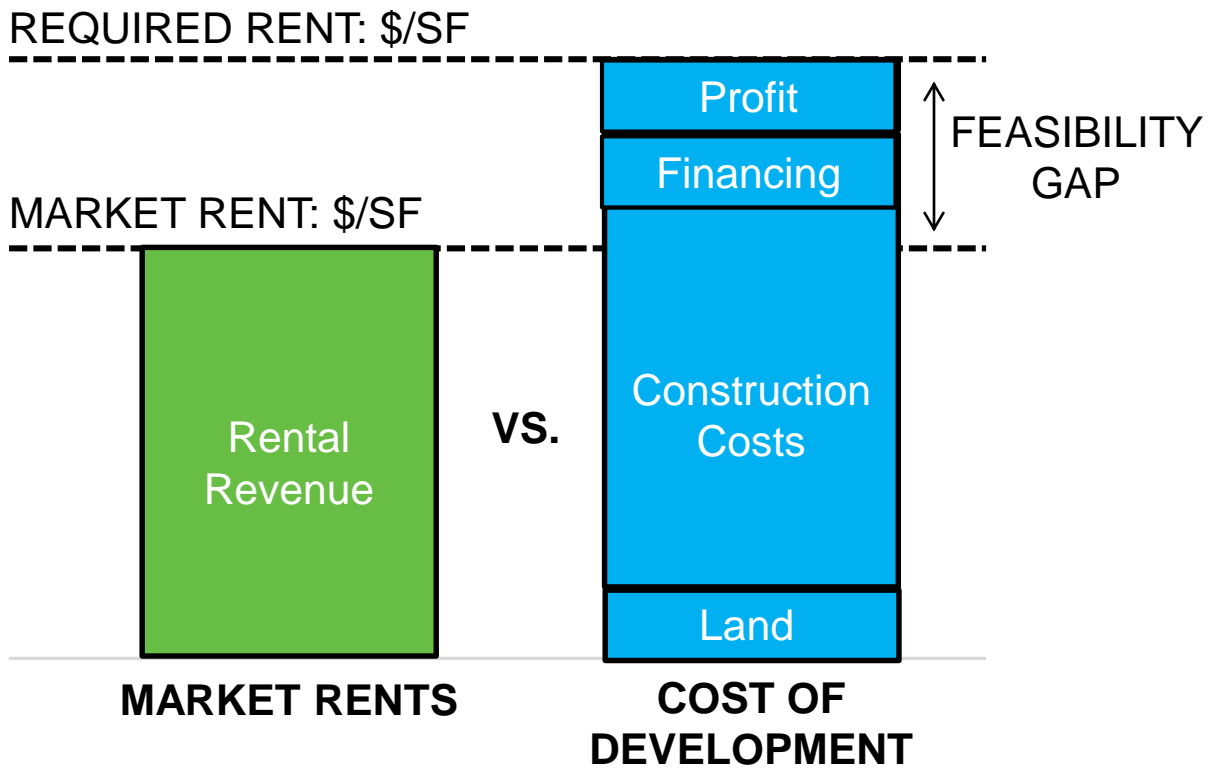
Rent Per Square Foot for Multifamily Apartments by Submarket



Estimated Rent Threshold Required to Support:

- Garden-style low-rise development
- Mid-rise w/ surface parking
- Mid-rise w/ structured parking

# Evaluation of current achievable rents and rents required to support new development.





# Alternative 6: Mercury Blvd



# Transit Oriented Development Housing: Charlotte



Upgrade  
Transit Service

Incentives to  
Economic  
Development

Increased  
Density/ TOD

Increasing  
Tax Revenues

Increasing  
Ridership





2459 US-20  
Cleveland, Ohio

Street View - Oct 2007



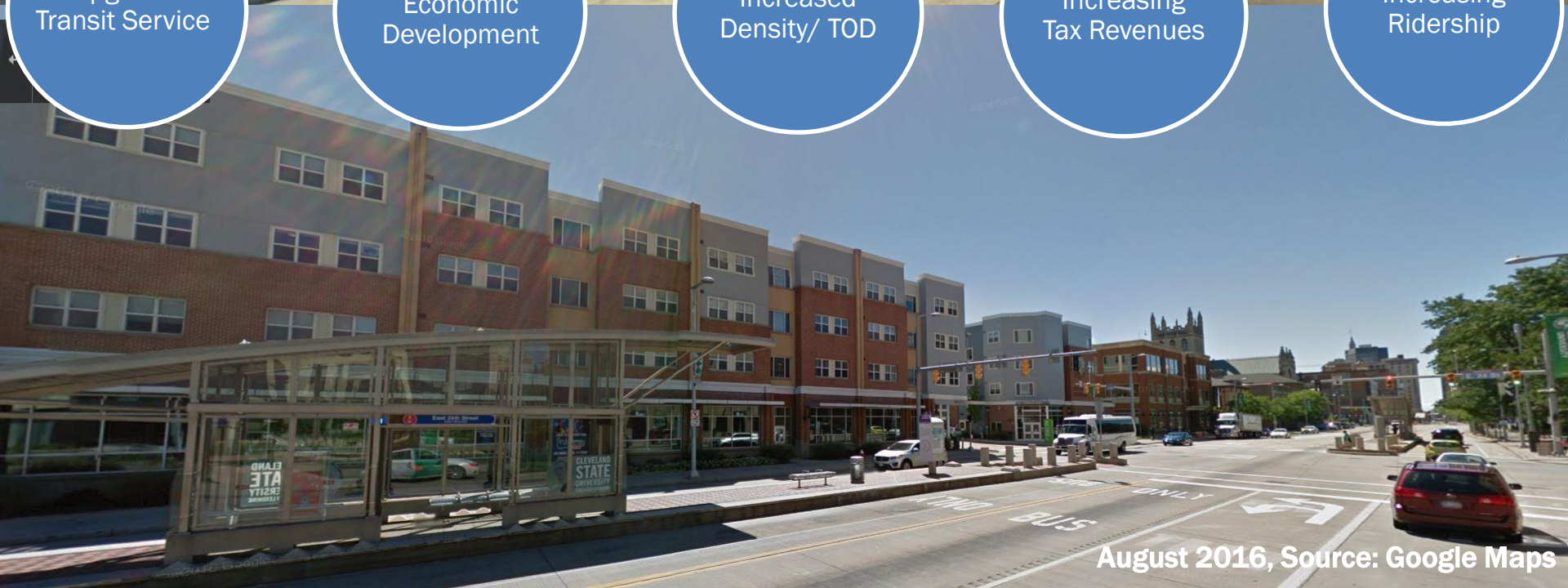
Upgrade  
Transit Service

Incentives to  
Economic  
Development

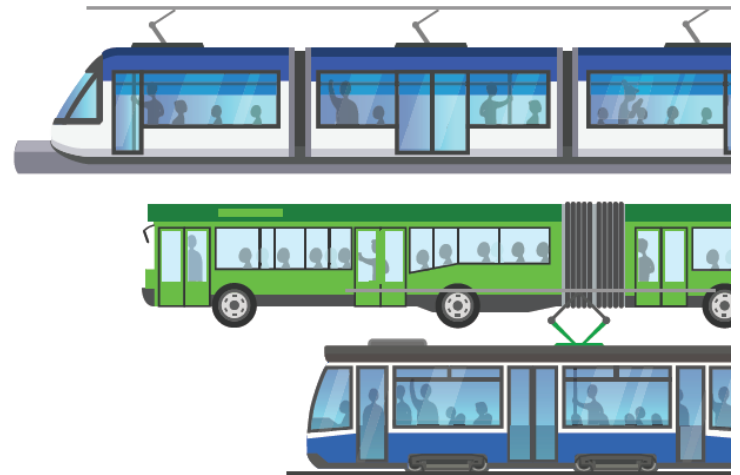
Increased  
Density/ TOD

Increasing  
Tax Revenues

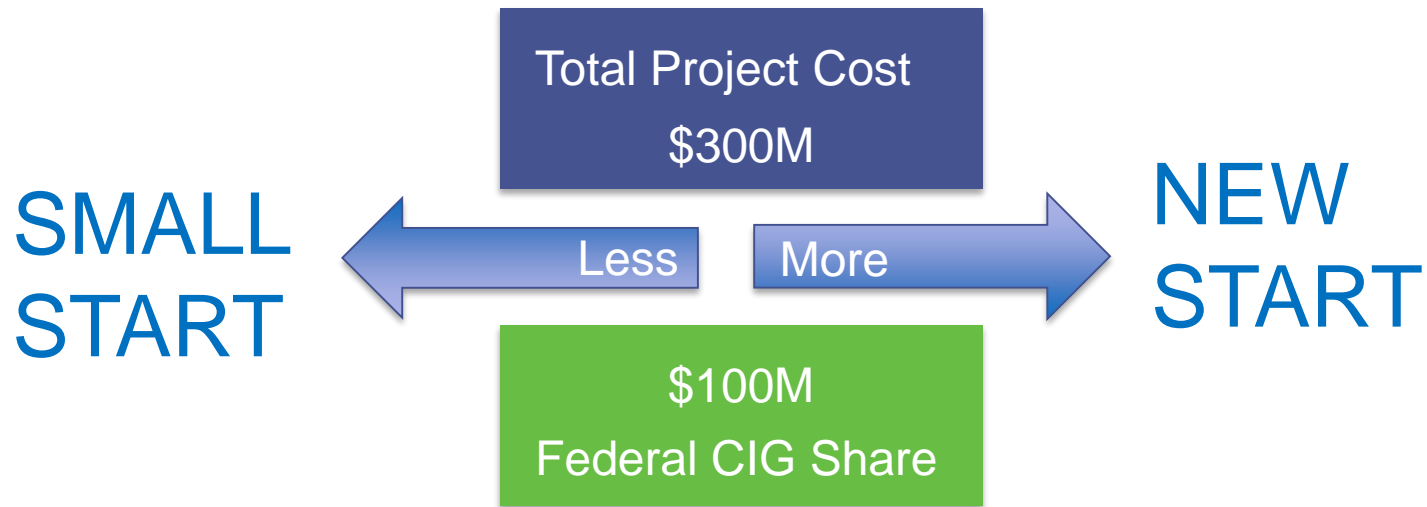
Increasing  
Ridership



# Federal Funding



# Eligible FTA Capital Investment Grant (CIG) Projects



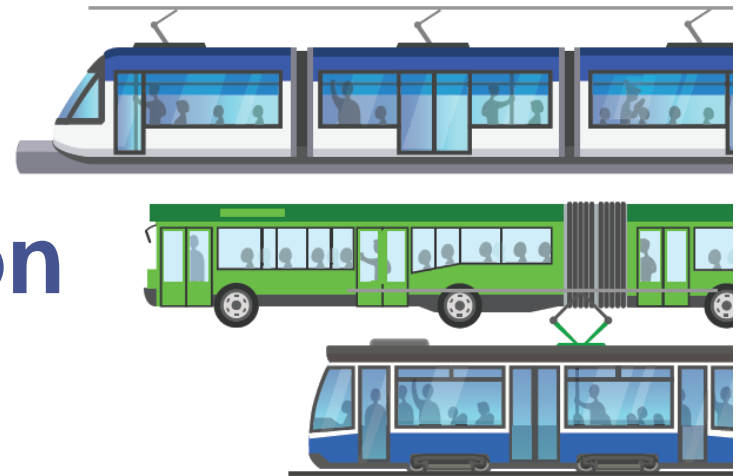
# Preliminary Project Cost Projections

Alternative		2c - Easement	3 - Jefferson	6 - Mercury
Length (miles)		12.9	13.3	12.2
2016 \$	Capital Cost (2016 \$)	\$250M	\$225M	\$190M
	Annual Operations & Maintenance Cost (2016 \$)	\$4.5M	\$6.0M	\$6.0M
2024 \$	Capital Cost (2024 \$)	\$315M	\$285M	\$240M
	Annual Operations & Maintenance Cost (2024 \$)	\$5.7M	\$7.6M	\$7.6M

Notes:

1. Costs should be used for general long-term planning only. More detailed studies will be needed to determine specifics for project programming.
2. Cost estimates include contingencies to account for lack of design detail.
3. Costs in 2016 dollars escalated to 2024 dollars using a 3.0% annual growth rate (consistent with VDOT Project Cost Estimating System).

# BRT: A Good Fit For Hampton





# BRT Helps Hampton Grow



Mercury Boulevard



Coliseum Crossroads Housing



Peninsula Town Center



# BRT Creates Opportunity



Perspective view of the redeveloped Riverdale Plaza Shopping Center





# Contact Information

Samantha Sink, HRT Project Manager: [ssink@hrtransit.org](mailto:ssink@hrtransit.org)

Porter Stevens, Hampton Project Manager: [cpstevens@hampton.gov](mailto:cpstevens@hampton.gov)



## June Public Meetings

Monday, June 26th	6 to 8 p.m.	Hampton Roads Convention Center
Wednesday, June 28th	6 to 8 p.m.	Downing Gross Cultural Arts Center
Thursday, June 29th	6 to 8 p.m.	Denbigh Community Center

# Thank You

