# Answering Heavy Questions About Light Rail

A National Research-Informed Perspective



John W. Martin's
Presentation To The Virginia Beach
Central Business District Association
On 04-27-16

# **SIR Transportation Experience**











Envision2040 Virginia Beach



The content in this presentation reflect the insights and opinions of SIR, not those of SIR's transportation agency clients.

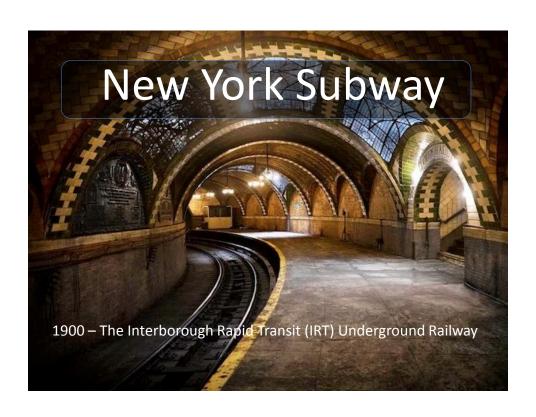
# Today's Agenda

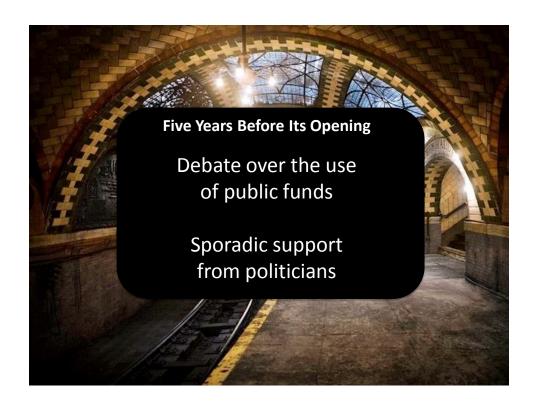
- A National Perspective
- **2** Local Perceptions
- **3** Your Imperatives





# Transportation System Expansion Plans Come With Healthy Debate



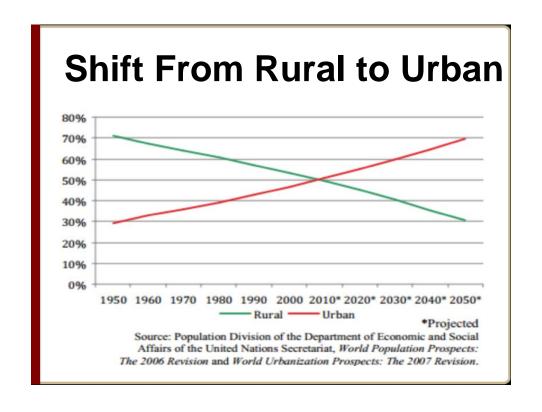






Light Rail and BRT Are
Often The "Spine" of A
21st Century
Transportation System

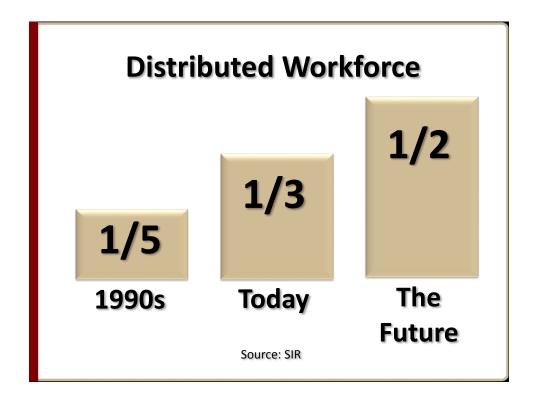














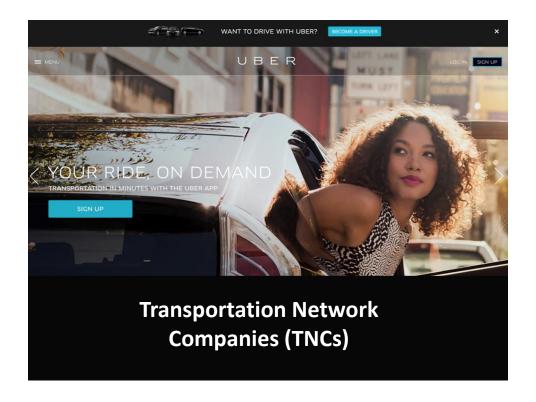






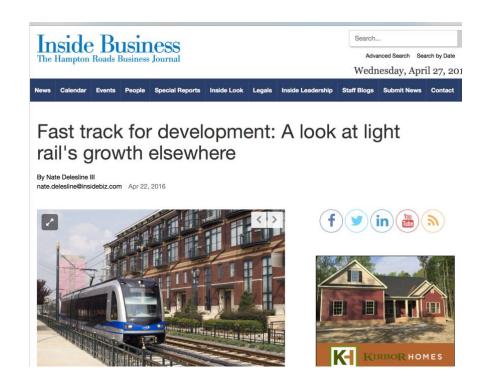












Charlotte Is Extending Blue Light Rail



# **Denver Is Extending Light Rail**

Extending
SE Light Rail
Line



# Minneapolis Is Extending





# It Just Makes Sense

"In the past decade the region has seen about \$1.5 billion in development along the light-rail line that includes hotels, residential and multi-use properties. More rail-line expansions are in the works."

Olaf Kinard, Charlotte Area Transit System



Light Rail and other transit alternatives (BRT, streetcar) work best when aligned to land-use policies.

Multi-use, dense, pedestrian-friendly communities around the stations



# It's Reality

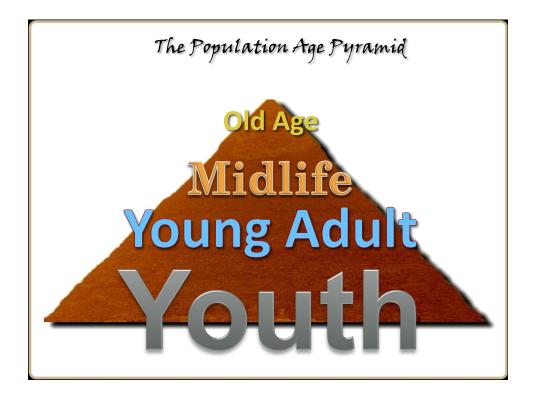
Great examples where land use policies and transportation policies have been coordinated

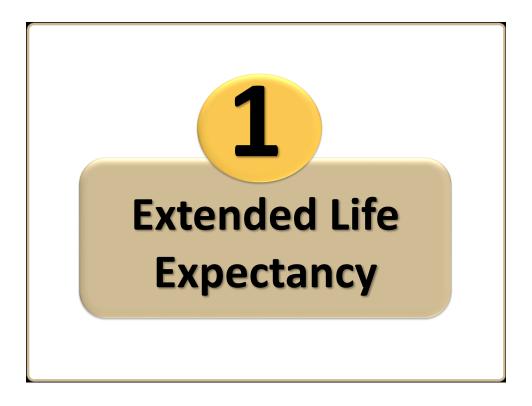
- Portland
- Denver
- Salt Lake City
- Dallas

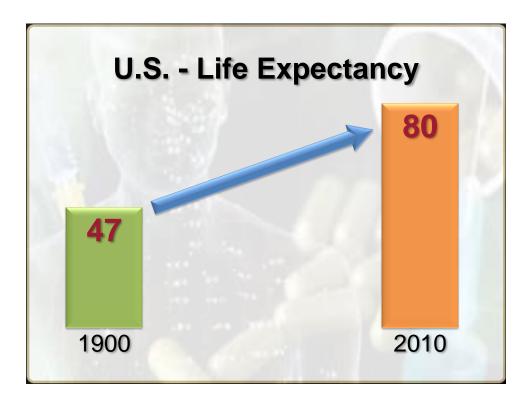
5

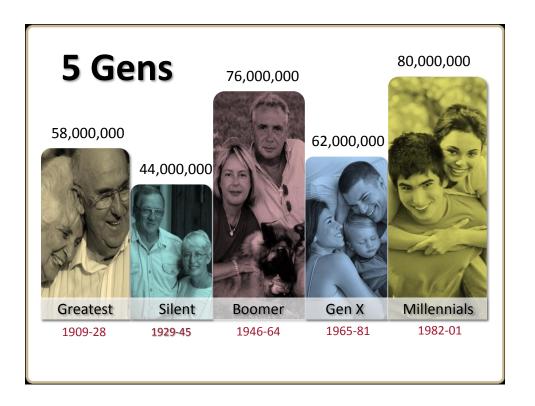
Light Rail and other transit alternatives are now part of the new economic development model

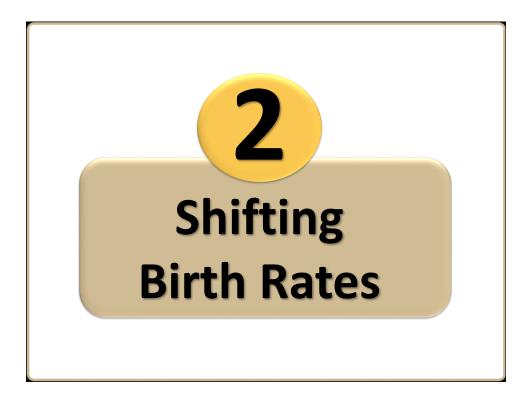


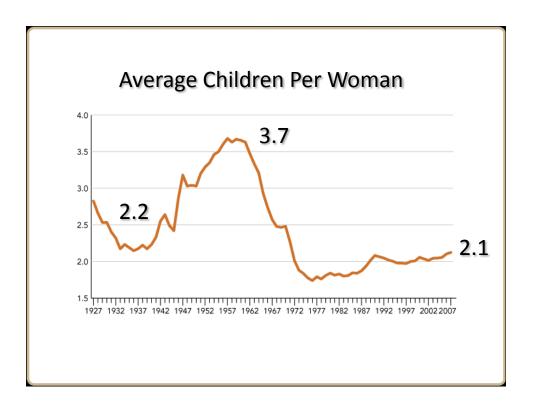


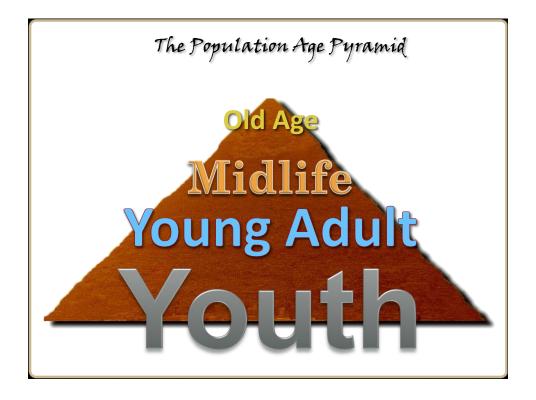


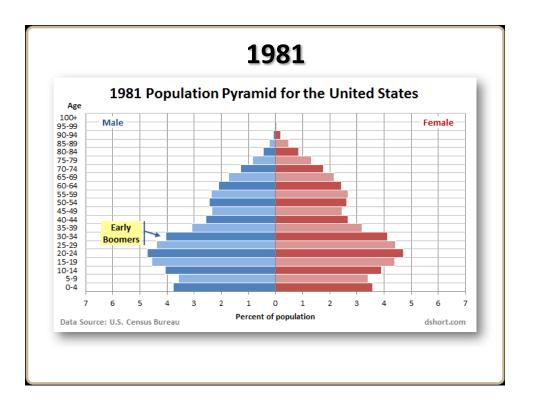


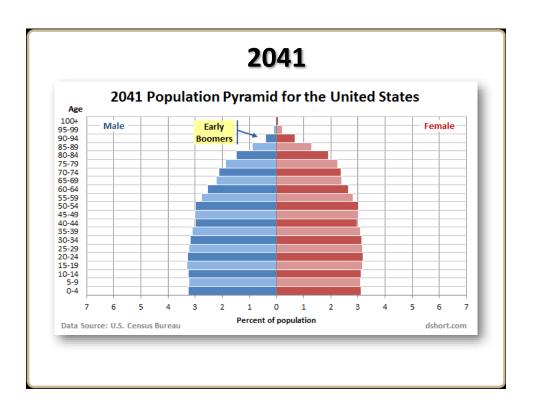


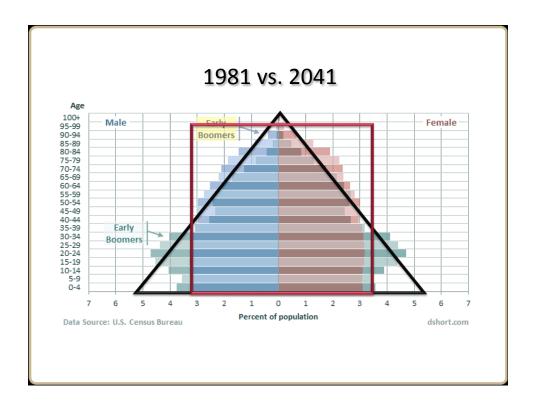


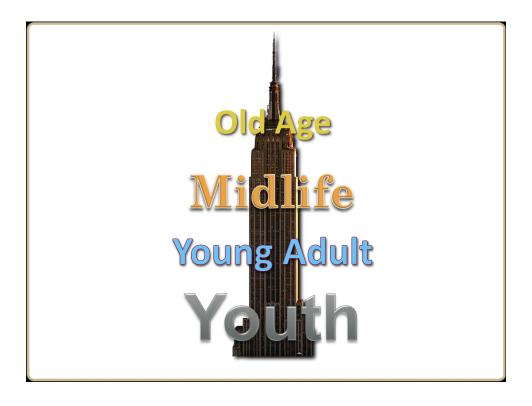


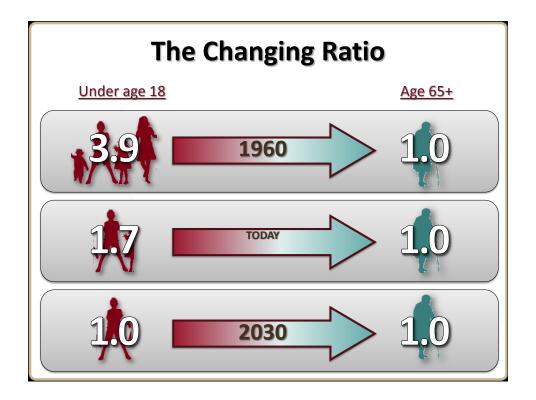




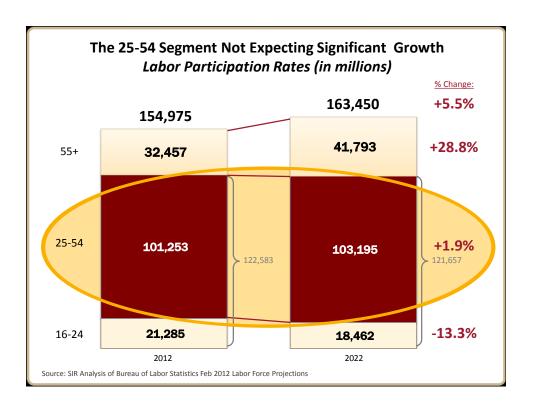


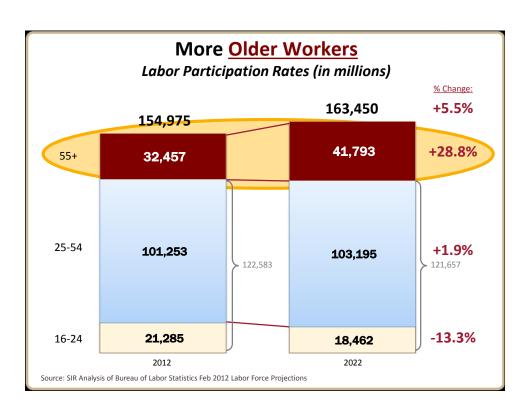


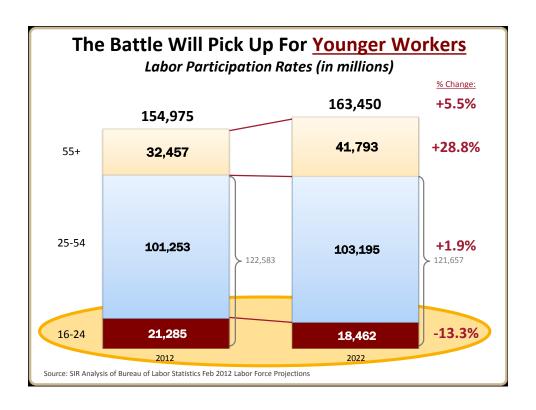


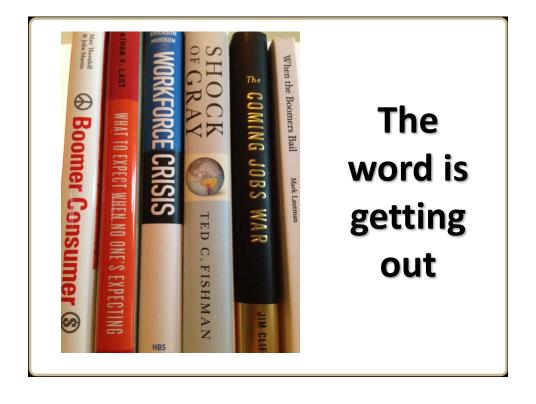


While The Age
Shift Impact Our
Future Workforce
Pipeline?









# There's A Coming Battle for the Young Workforce

# The New Economic Development Model

## **Old Model**

Recruit Big Companies

**People Follow Companies** 

**Community Grows** 

60

# The New Economic Development Model

## **Old Model**

**New Model** 

Recruit Big Companies **Build Sense of Place and Community** 

**People Follow Companies** 

People Will Flock to It

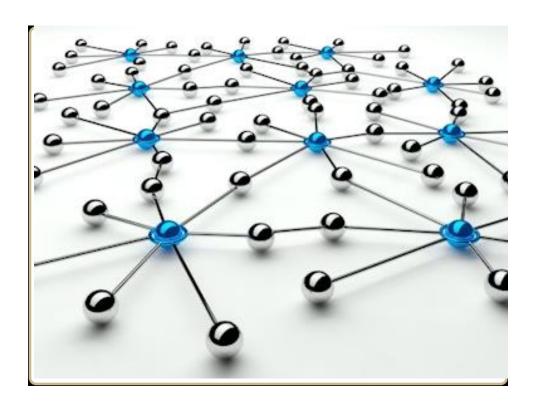
**Community Grows** 

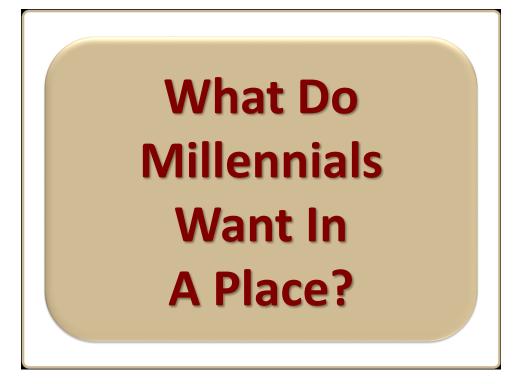
**Businesses Will Grow From Within and Others Will Come** 

61









# SIR's Millennial City Placemaking Research

### <u>For Millennials</u> - Expectations for Safety, Variety of Employment, Quality and Affordability of Housing Top The List

Basics

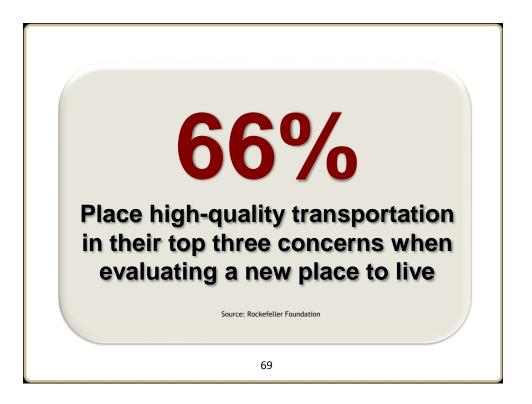
	Raleigh NC	Wash. DC	Charlotte NC	Austin TX	Atlanta GA	Denver CO
Is safe	89%	87%	86%	91%	81%	90%
Has a variety of employment options	90%	82%	83%	85%	82%	87%
Quality <u>and</u> affordability of housing options	92%	83%	87%	87%	83%	83%
Offers outdoor recreation options	71%	60%	71%	77%	71%	76%
Offers a great food scene	76%	75%	78%	85%	77%	75%
Embraces creativity	59%	55%	58%	69%	59%	64%
Embraces innovation	70%	58%	61%	69%	60%	64%
Is near the mountains	28%	24%	40%	17%	30%	64%
Has access to water	59%	54%	64%	65%	54%	63%
Is bike-able/walkable	46%	50%	41%	43%	44%	61%
Has easy public transportation	42%	66%	40%	47%	46%	60%
Embraces small business/start- ups/entrepreneurship	54%	48%	60%	61%	54%	57%
Higher education options	76%	60%	60%	73%	62%	57%
Is diverse	60%	63%	55%	69%	55%	55%
Urban living environment	47%	59%	51%	60%	46%	53%
Offers an active music scene	51%	36%	46%	53%	49%	49%
Offers an active arts scene	42%	38%	44%	43%	42%	46%
Has rich history	42%	47%	39%	41%	42%	42%

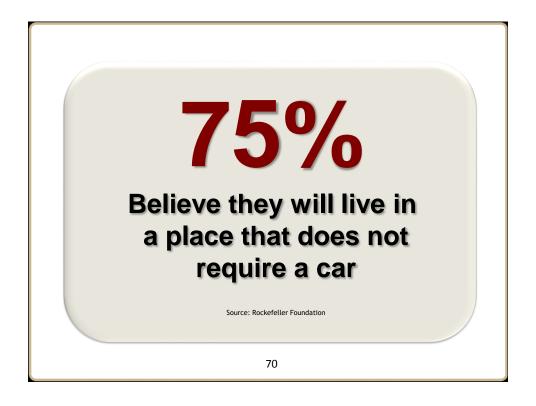
Q20. When you think about a city as a place you'd really want to live, how important are each of the following to you?

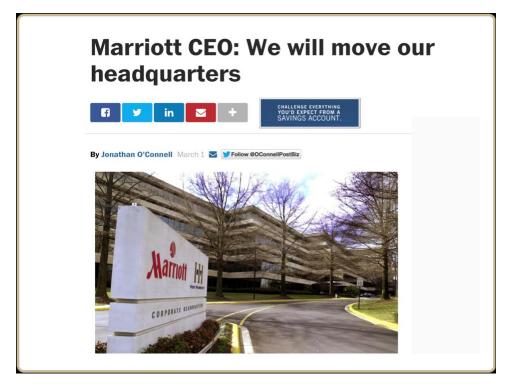
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### New Mobility Modes Are Important Placemaking Assets







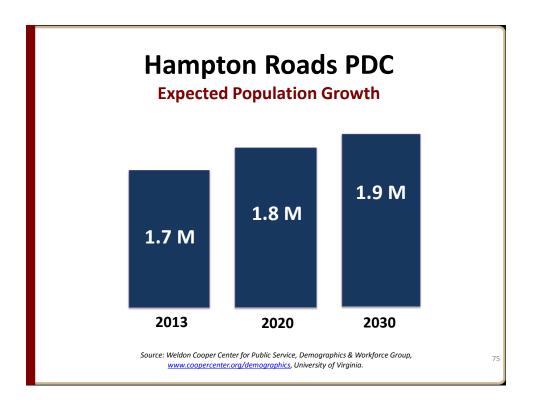


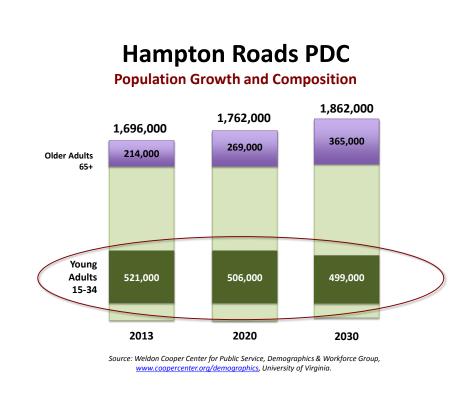
"As with many other things, our younger folks are more inclined to be Metro-accessible and more urban."

Arne M. Sorenson Chief Executive

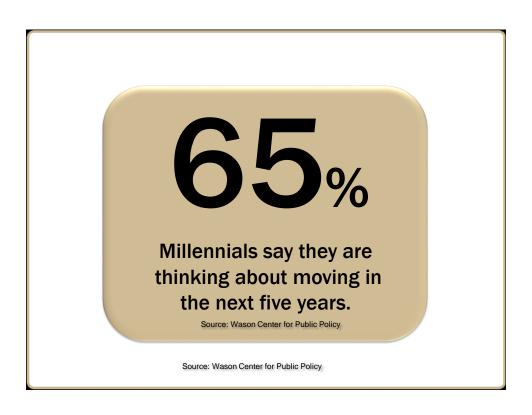


### Will The Age Shift Hit Hampton Roads?

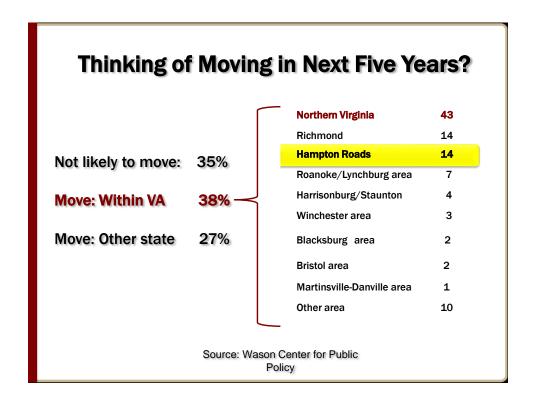




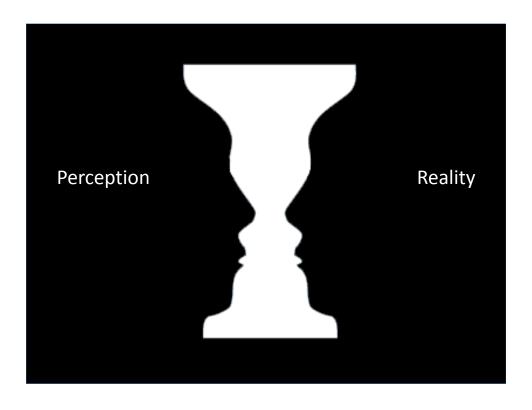
# How Is Hampton Roads Doing with Millennials?











Reality

It's Transit (Light Rail) OR Roads

83

**Perception** 

It's Transit (Light Rail) OR Roads Reality

It's Transit (Light Rail) AND Roads

Reality

Light Rail Hasn't Been Studied

85

**Perception** 

Reality

Light Rail
Hasn't Been
Studied

Conversation
Started 13
Years Ago

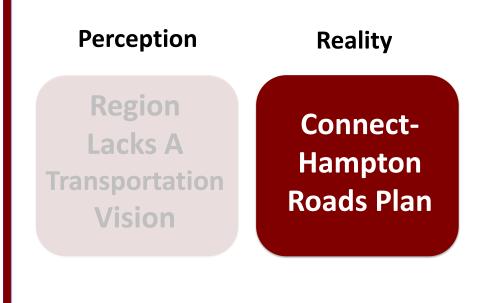
### When The Tide Extension Conversations First Started

Comprehensive Plan	2003
Resort SGA Plan	2008
Comprehensive Plan Update	2009
Purchased right-of-way	2009
Environmental Impact Statement	2009
Newtown SGA Plan	2010
Rosemont SGA Plan	2011
Lynnhaven and Hilltop SGA Plans	2012
Centerville SGA Plan	2012

**Perception** 

Reality

Region
Lacks A
Transportation
Vision



Virginia
Projected Population Growth

8.8 M

9.7 M

8.8 M

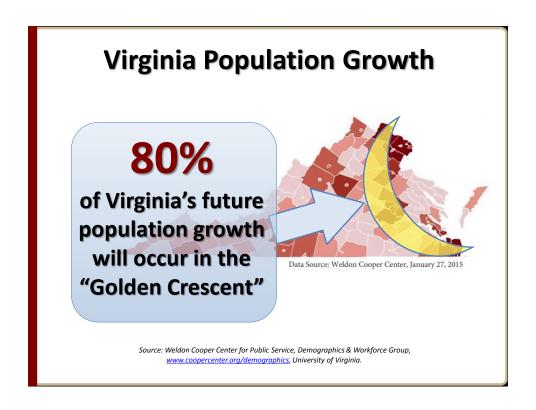
2010

2020

2030

Source: U.S. Census projections, updated August 2013 by the Weldon Cooper Center for Public Service, Demographics &

Workforce Group, www.coopercenter.org/demographics, University of Virginia.





13,830

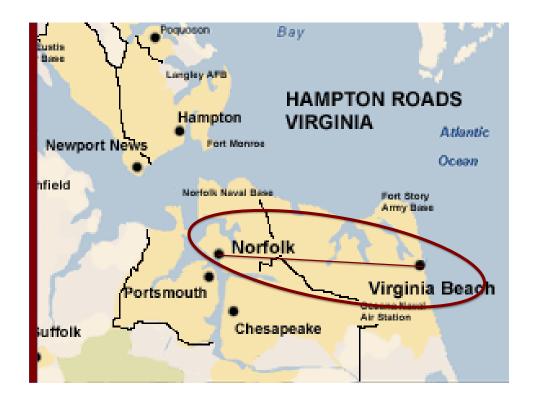
People Provided Input All Local Jurisdictions

**Perception** 

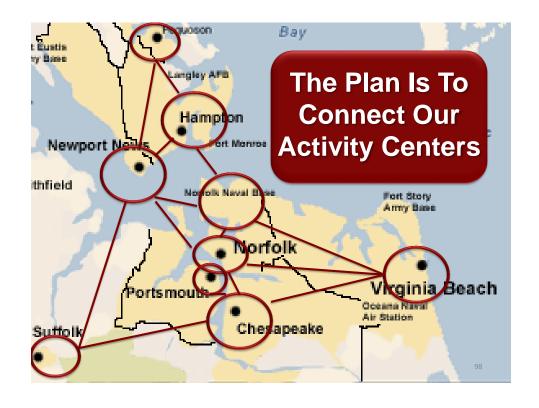
It's Just
3 Miles
of Track Being
Added to 7.4
Miles.

Reality

# Perception It's Just 3 Miles of Track Being Added to 7.4 Miles. Reality It's The Backbone of Our Regional Transportation System



# The Tide Extension Is Part of A Larger "Connected" Hampton Roads Plan Express BUS High Speed Ferry Third Crossing (under separate study) High Frequency Circulator Park and Ride Transit Transfer Facility Priority Area for Bicycle and Pedestrian Improvements Bike Share



The Va. Beach Light Rail Package



**Perception** 

Reality

Will Change Life As We Know It

#### Reality

Will Change Life As We Know It Attracts Concentrated Development

101









Reality

Lead To More Crime Uninformed
Fear.
There's No
Evidence

105

**Perception** 

Reality

We Can't
Afford It –
Annual Cost

## Perception We Can't Afford It – Annual Cost

#### Reality

Less
Than 1% of
Budget

107

#### **James Wood**



**VB Transit Today:** 

\$6.5 Million
Operating Budget

0.64%

(Less than 1% of the City of VB's total annual operating budget)

109

**VB Transit Today:** 

\$6.5 Million
Operating Budget

0.64%

(Less than 1% of the City of VB's total annual operating budget)

**VB Transit 3rd** 

Year:(With Light Rail Extended To VB)

\$8.5 Million
Operating Budget

0.85%

(Less than 1% of the City of VB's total annual operating budget)

Reality

Will Not Benefit Residents

111

Perception

Reality

Will Not Benefit Residents

Many Benefits

Q2. Have you ever used the light rail system in Norfolk? (Base: Total Respondents, N=401)

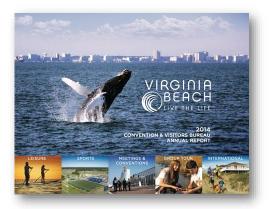
42%

## Virginia Beach Residents Have Used Norfolk's Light Rail System

Source: No Light Rail / Virginia Beach Light Rail Survey Conducted by: Issues & Answers September 2015

## Removing Cars From I-264 During Rush Hour

- Virginia Beach Light Rail extension is expected to carry 2,250 riders.
- I-264 between Witchduck and Independence carries ~50,000 vehicles during the morning and evening peak periods.
- Taking close to 1 in 20 cars off I-264 during rush hour would have a real benefit to I-264



Source: Virginia Beach
Convention & Tourism Bureau

12,000
Hotel rooms
12,000 jobs
\$1.3 billion
annual revenue

115

# The Navy has supported light rail extension for 10+ years

Reality

Argument Between The Ages

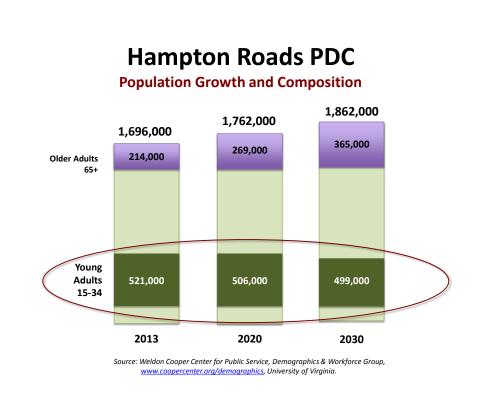
117

**Perception** 

Reality

Argument Between The Ages Hope For Future Generations











Q2. Have you ever used the light rail system in Norfolk? (Base: Total Respondents, N=401)

42%

Virginia Beach Residents Have Used Norfolk's Light Rail System

Source: No Light Rail / Virginia Beach Light Rail Survey Conducted by: Issues & Answers September 2015 Q2b. Was it a positive experience? (Base: Total Respondents, (N=169)

92%

Of Virginia Beach Residents
Who Have Have Ridden The Tide
Say It Was Positive Experience

Source: No Light Rail / Virginia Beach Light Rail Survey Conducted by: Issues & Answers September 2015





#### May 27, 2016 Sandler Center

National Experts + First-ever regional transit economic impact study

#### Connecthamptonroads.com/tmb





219 American Bistro 360IT PARTNERS 456 Fish on Granby 757 Creative Space AECOM Ainslie Construction aLatte Cafe Alt Daily Andre Marquez Architects Ann Stokes Architects Armada Hoffler Basketball Products International Baxter's Sports Lounge Bean There Cafe Big Easy Oyster Bar Blocker Norfolk Family YMCA Bodega Bonney Research Boyton Marketing Bruce Williams & Associates Byrd & Baldwin CB Richard Ellis Carla Howard Consulting Chartreuse Bistro Chesapeake Albemarle Engineering Childrens Hospital of the King's Daughters Chrysler Museum of Art Clar d by Marriott Crenshaw, Wa Company Decker, Card owntowner Leo Called Real Regional Newspaper izza Granby Foodbank of Theater Gre Park Harvey Hummingbir Businesses Hicks Home Optics Kimle MacArthur ( Woods, LLP Supporter Leightin Rail Norfolk Flori Rent Old Dominion U antage, Ltd. Protogy Consulting F Hampton Roads Public Transportations Alliance lopment Group Rover ns Seventh ons Tayloe Associates The Addison Group The Face Companies The Main Norfolk The Morgan Real Estate Group The Philip Shucet Company The Wright Company Thomas Nelson Community College Three Plus 1 Partners Tidewater Community College Tidewater Moving Todd Jurich's Bistro TowneBank Vintage Kitchen Virginia Arts Festival Virginia Opera Virginia Ship Repair Virginia Stage Company Virginia Zoo Voila! Cuisine International Volunteer Hampton Roads We Choose Widener Corp Wilbanks Smith & Thomas Wilcox & Savage, P.C. Williams Mullen Work Program Architects Work Release

Central Business District Association Central Business District Nextgen Chesapeake Economic Development Authority Citizens Transportation Advisory Committee Coliseum Central Business District Connect Hampton Roads Currituck Chamber of Commerce Downtown Hampton Business District Downtown Norfolk Council Downton Norfolk Civic League Empower Hampton Roads ForKids, Inc. Fraim & Fiorella Freemason Civic League Future of Hampton Somic Development Hampton Roads Greater Norfolk Corpora Roads Center for Civic Engage Hampton Roads Community Foundation Hampton Roads Housing Hampton Roads Democrat for Commercial Real Esta Norfolk Council Hampton Re npton Roads Planning District Comr Convention Bureau Lea Now Mobility Matters Advisory Committampton Roads Public Transportation Alliancement Peninsula Realtors Association Portsmouth Partnership Sierra Club The Up Center Tidewater Bicycle Association Tidewater Builders Association Transit Riders Action Committee Urban Land Institute – Hampton Roads Virginia Beach Economic Development Virginia Beach Vision Virginians for High Speed Rail Virginia Peninsula Chamber of Commerce Virginia Transit Association Williamsburg Area Transit Agency Women In Transportation



