

COUNTY COMMISSION WORKSHOP



CENTRAL BROWARD EAST-WEST TRANSIT STUDY



SOUTH FLORIDA
REGIONAL
TRANSPORTATION
AUTHORITY

CENTRAL BROWARD



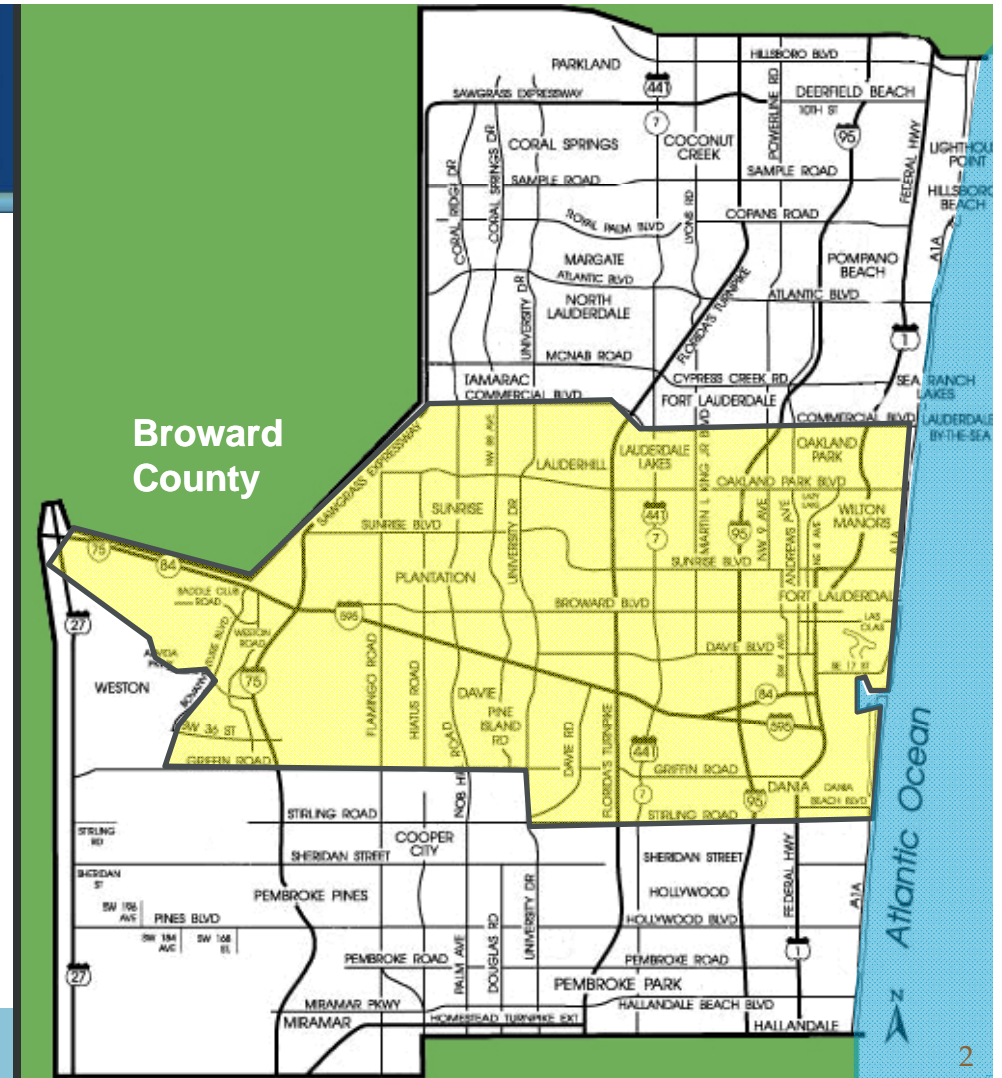
TRANSIT STUDY

The Study Area



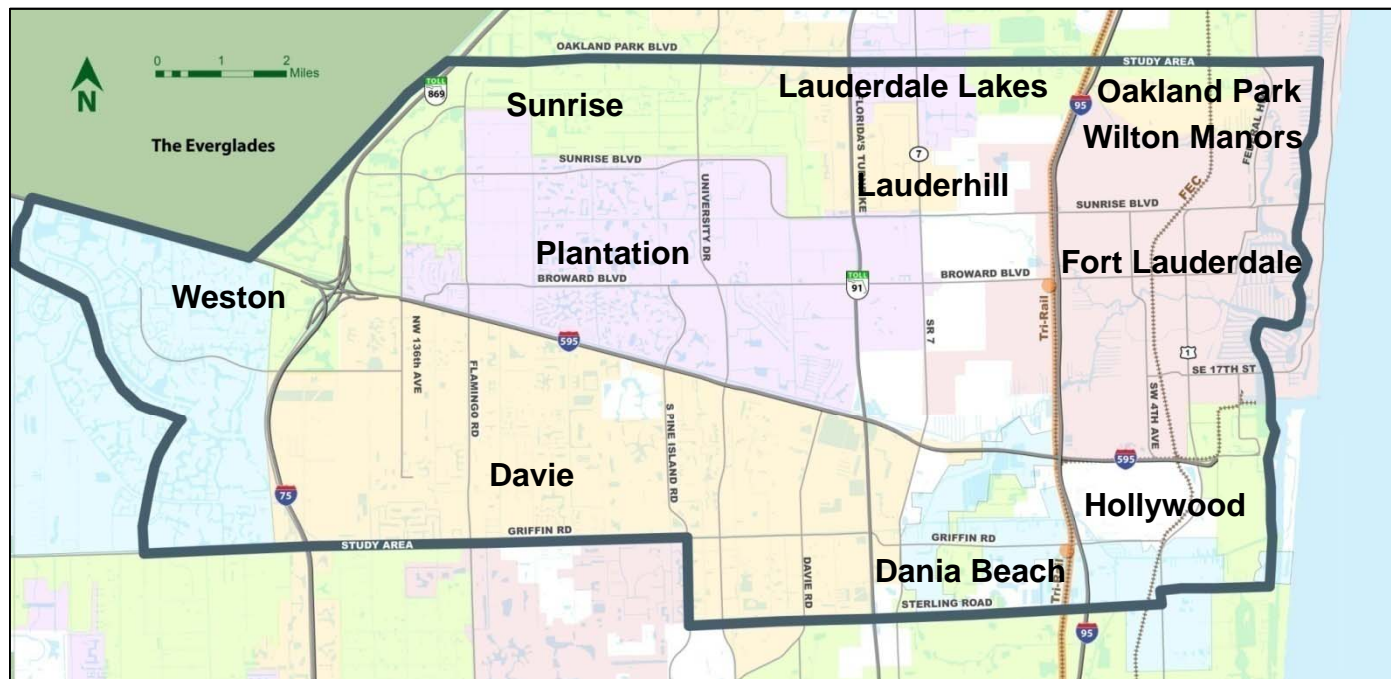
The focus is the
Central Broward
County area

www.centralbrowardtransit.com



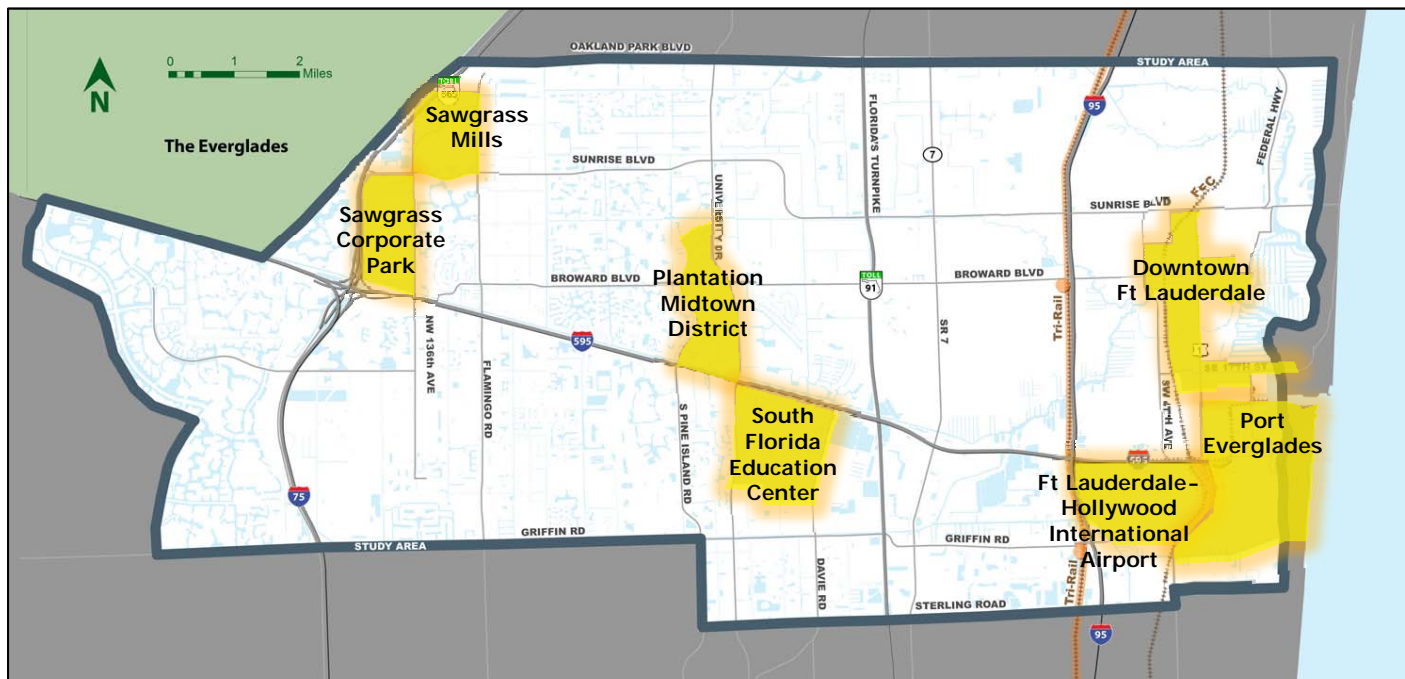
The Study Area

The cities include:



Key Activity Centers

Areas that offer retail, employment, recreation, and education opportunities.



Study History

CENTRAL BROWARD



T R A N S I T S T U D Y

Light Rail:
Selected as the Locally
Preferred alternative

Timeline:

2006



Study History

CENTRAL BROWARD



T R A N S I T S T U D Y

Light Rail Reconsidered:
The economy and improvements with the I-595 corridor, such as managed lanes and Express Bus

Timeline:

2008



Study History

CENTRAL BROWARD



T R A N S I T S T U D Y

New LRTP Adopted:
New model changed assumptions that developed multiple route options throughout the Study area

Timeline:

2009



Study History

CENTRAL BROWARD

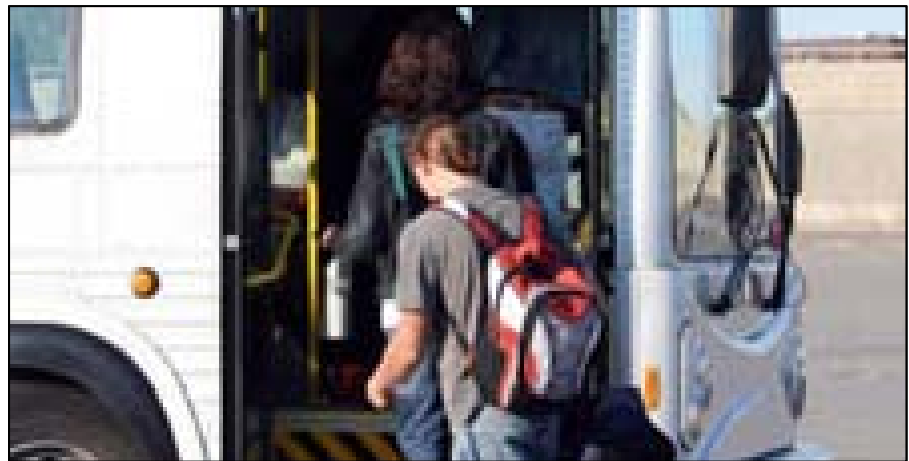


TRANSIT STUDY

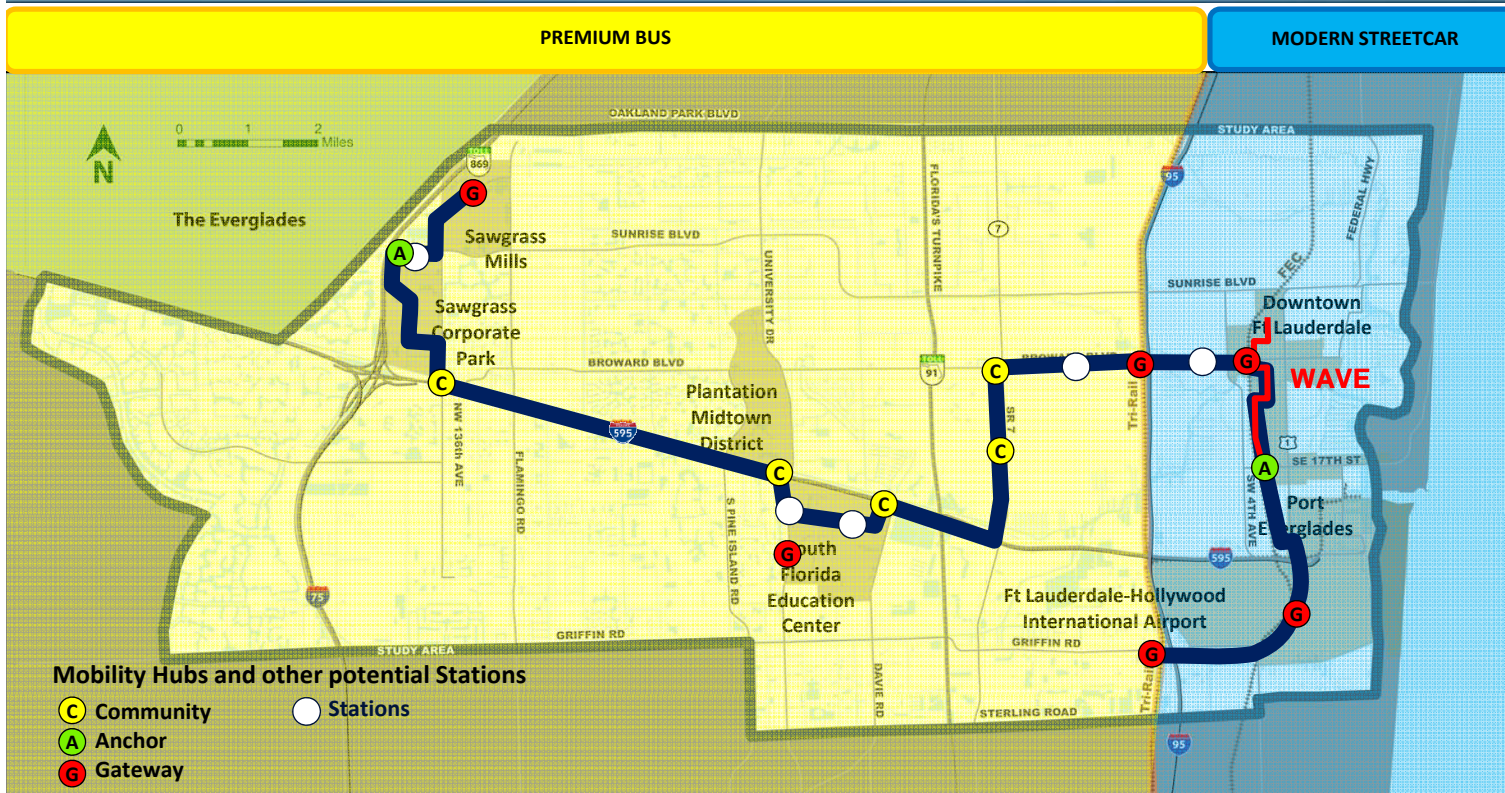
Two Alternatives Considered:
SR 7/Broward Boulevard and
Griffin Road routes
recommended

Timeline:

2010



SR 7/Broward Blvd. Alternative



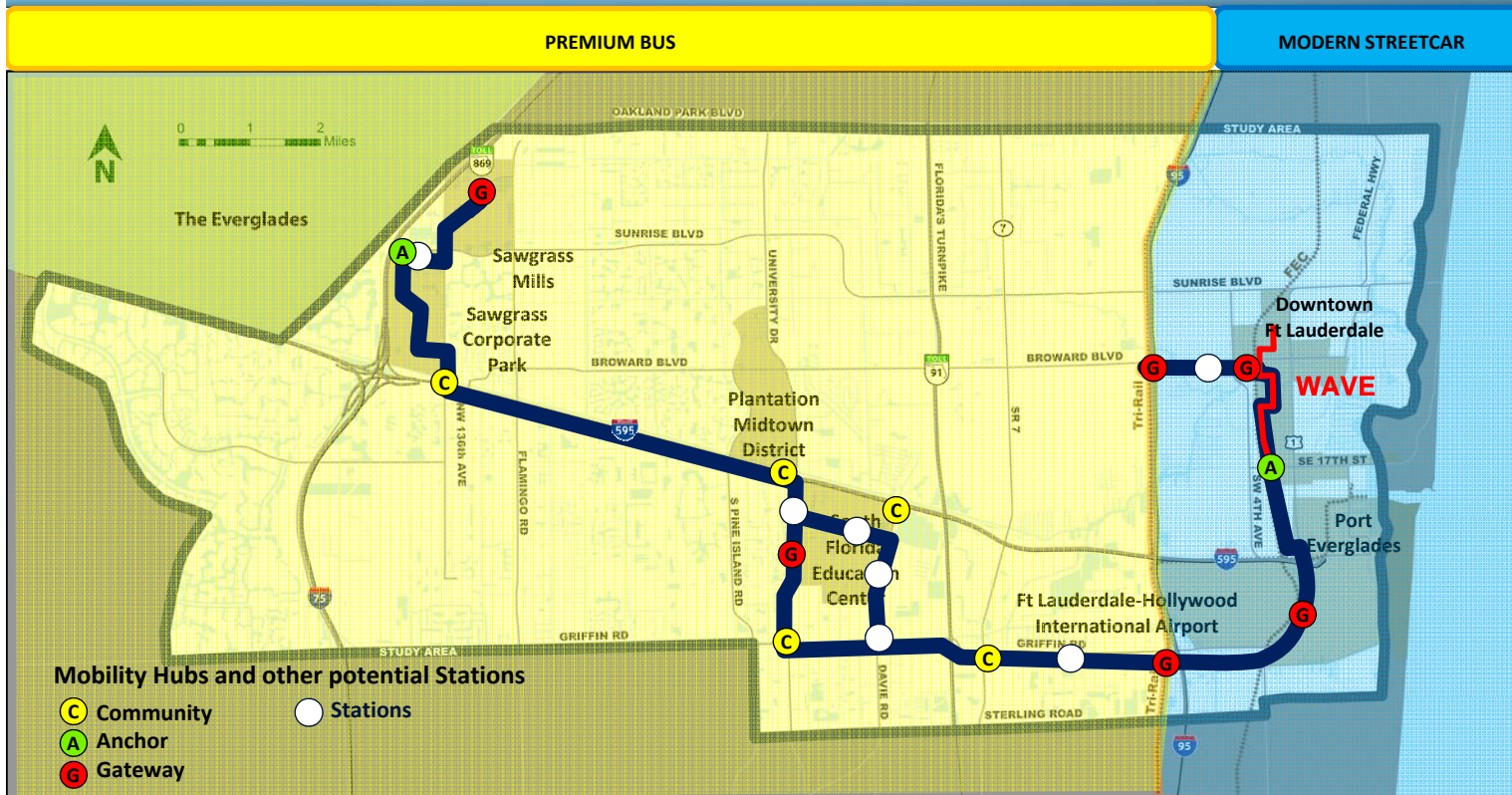
Annual Boardings:
2.6 million

Capital Cost:
\$274 million

Annual O&M Cost:
\$6.7 million

O&M Cost/Boarding:
\$2.55

Griffin Rd. Alternative – Majority Premium Bus



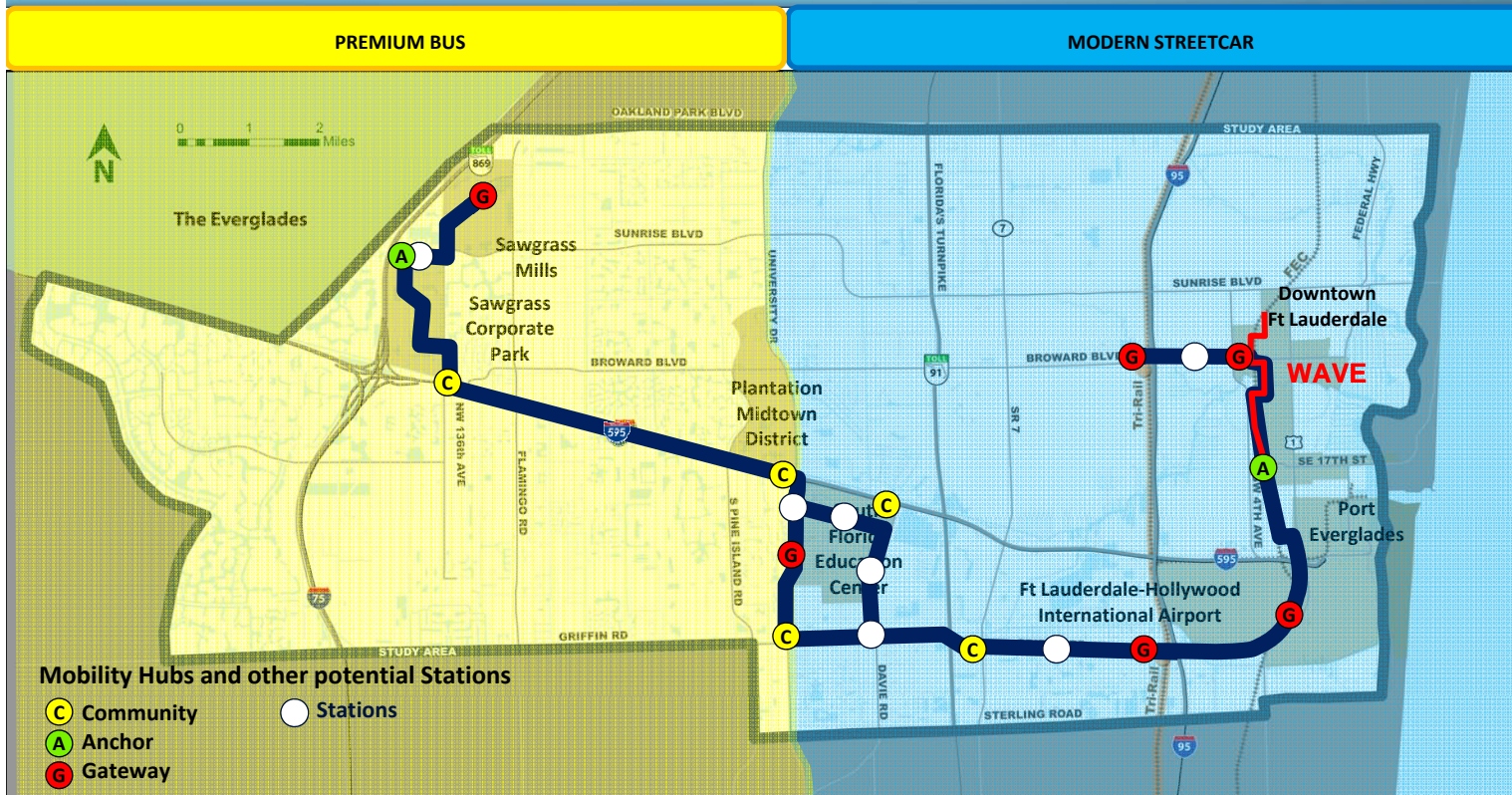
Annual Boardings:
2.4 million

Capital Cost:
\$325 million

Annual O&M Cost:
\$6.6 million

**O&M
Cost/Boarding:**
\$2.80

Griffin Rd. Alternative – Majority Streetcar



Annual Boardings:
3.4 million

Capital Cost:
\$467 million

Annual O&M Cost:
\$7.6 million

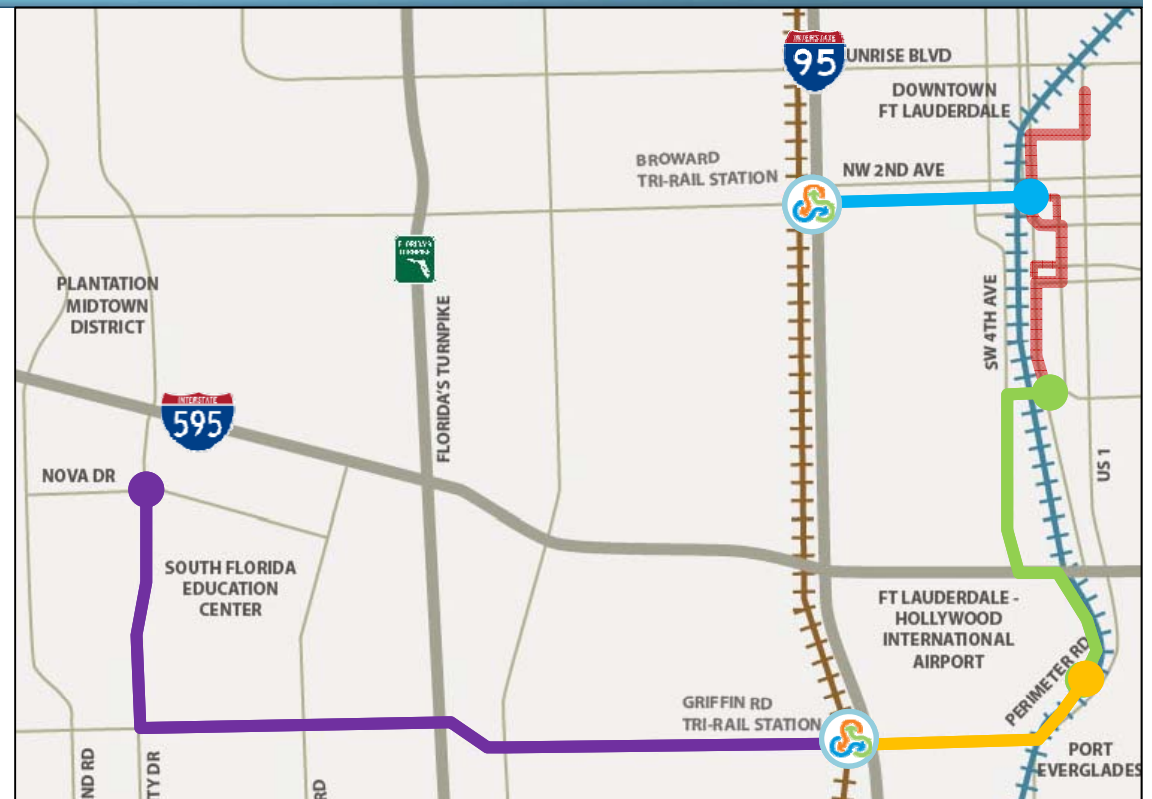
**O&M
Cost/Boarding:**
\$2.25

Possible Phasing with the Wave



Phases could be:

- Downtown to Broward Tri-Rail
- Broward Hospital to the Airport
- Airport to Griffin Tri-Rail
- Griffin Tri-Rail to SFEC
- No effect on other transit services, e.g. Sunport



Success Stories

DART Light Rail

Richardson, TX and other Dallas communities



**Private Investment:
\$4.3 billion**

Source: Center for Economic Development and Research,
University of North Texas, Nov. 2007

Hudson-Bergen Light Rail

Jersey City, NJ



**\$1 billion in Private Real
Estate Investment**

Source: Development Impact of the Hudson-Bergen CRT System,
Vorhees Transportation Center, Apr. 2006

VTA Light Rail

Santa Clara, CA



**Property Values Increased
between \$4 and \$25
per square foot**

Source: Transportation Research Board,
81st Annual Meeting Presentation, Jan. 2002

Success Stories

Fruitvale Village, Oakland CA

- Mixed-use development with parking lot for adjacent BART station
- 40,000 sq-ft ground-level retail space
- 60,000 sq-ft office space
- 47 units mixed-income housing
- 150 garage-covered parking spaces (not including Park-n-Ride lot)



Success Stories

Near Union Station and 16th Street Mall, Denver, CO

- Buildings with office, residential, and retail
- EPA Region 8 Headquarters



Success Stories

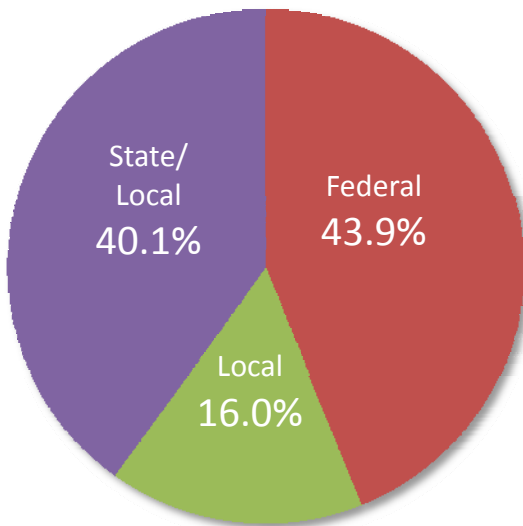
Lowe's and Southborough in Charlotte, NC

- Lowe's store plus 7,000 sq-ft ground-level retail
- 21,000 sq-ft office space
- 67 townhomes and flats in 3-story buildings hide Lowe's on 2 sides
- Near Atherton Mill CATS Light Rail and Trolley Station in South End

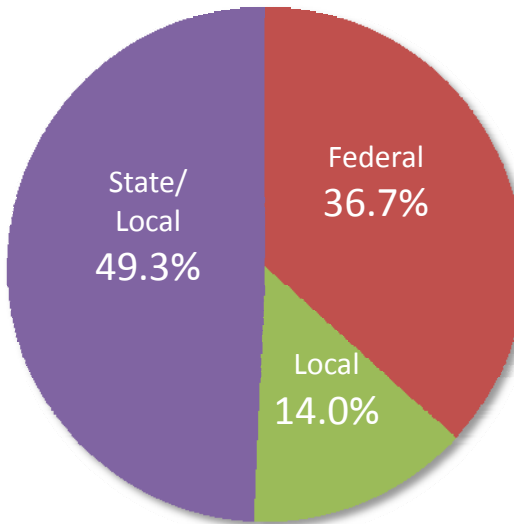


Capital Funding Sources

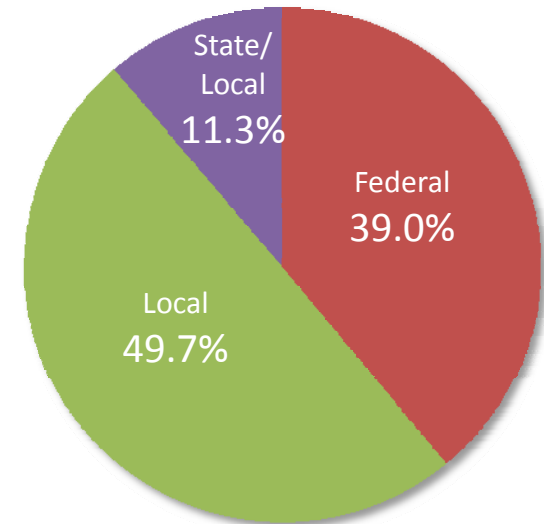
All Reporting Transit Agencies*



New Fixed Guideway Agencies



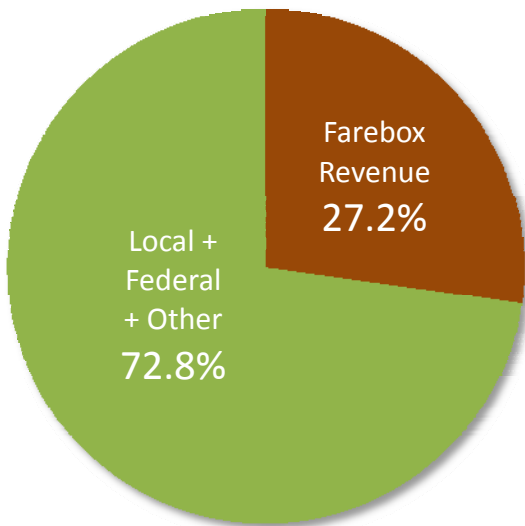
All Florida Transit Agencies



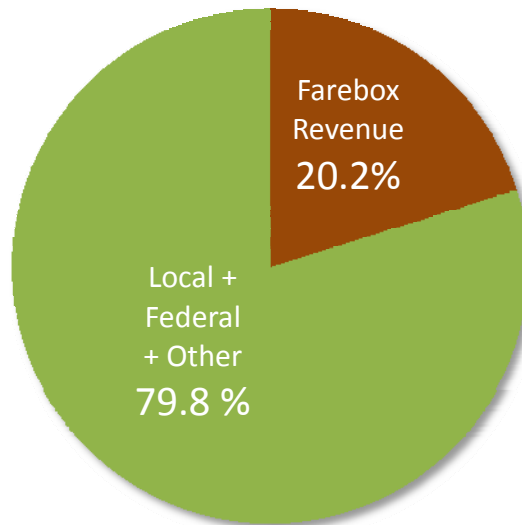
Source: National Transit Database FY09 *Does not include New York MTA operating agencies or Port Authority Trans-Hudson

O&M Funding Sources

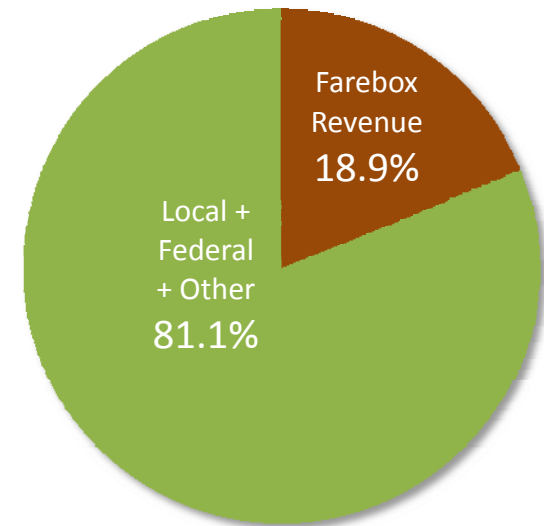
All Reporting Transit Agencies*



New Fixed Guideway Agencies



All Florida Transit Agencies



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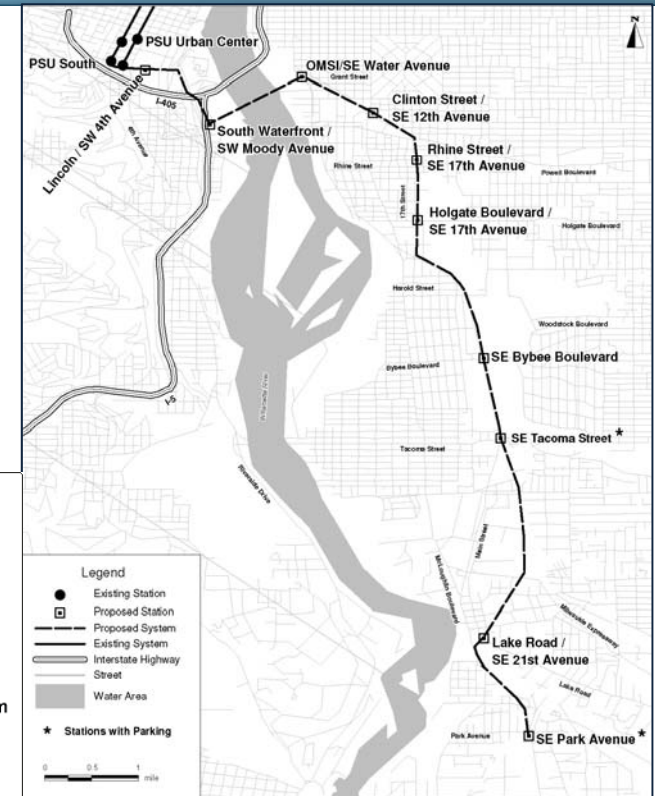
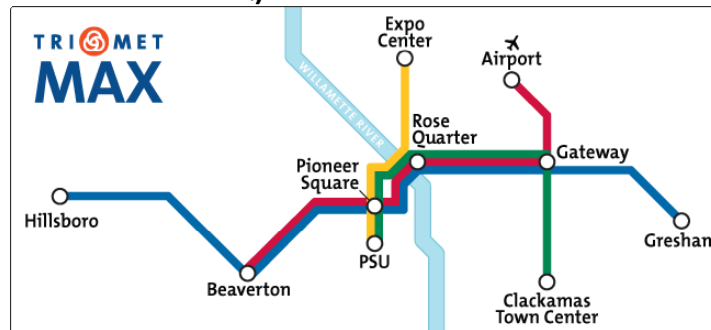
Funding Example – Portland, OR

MAX Yellow Line Expo Center/City Center - \$350 million

- Federal share 74%
- State 11%
- TriMet Bonds 7%
- Cities & County 8%

Extension - \$1.5 billion

- Federal = 59% (New Starts & CMAQ)
- State = 17%
- Local = 24%



Funding Example – Eugene, OR

EmX (BRT) Project - \$24 million

- Federal = 80%
- Local = 20%

Extension - \$96 million

- Federal = 78.5% (Small Starts)
- State = 21.5%



West Eugene EmX (BRT) Project
Lane Transit District

September 12, 2011



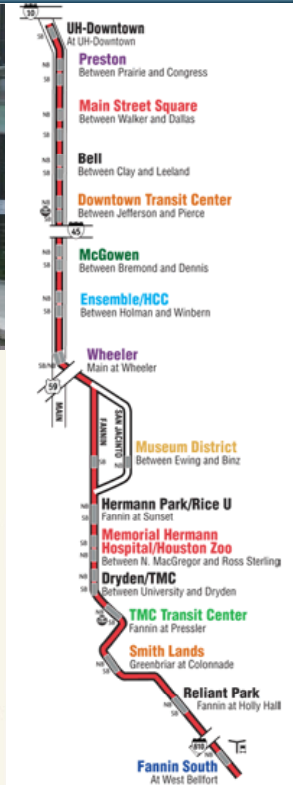
Funding Example – Houston, TX

First LRT line from Downtown Houston to Astrodome - \$324 million

- ALL local funds

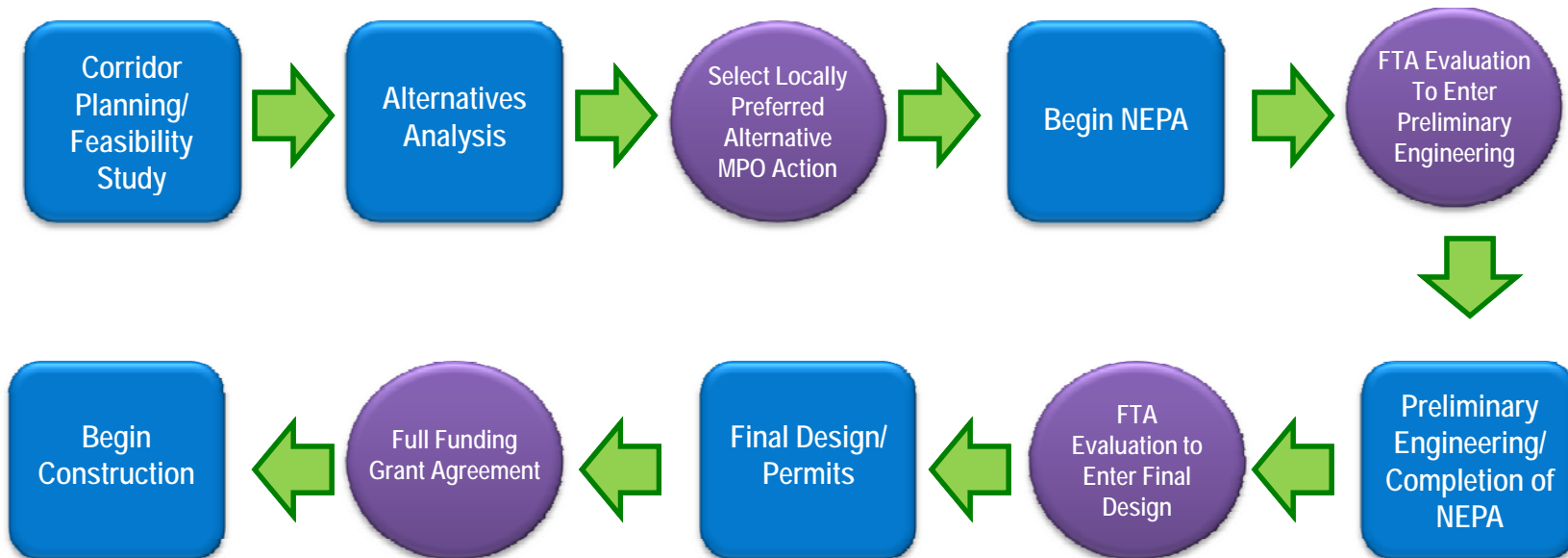
3 LRT extensions underway:

- North Corridor – \$756 million
 - Federal share is 59%; Local is 41%
- Southeast Corridor – \$823 million
 - Federal share is 55%; Local is 45%
- University Corridor – \$1.5 billion
 - Federal share is 50%; Local is 50%



Federal Transit Project Development Process

New Start Projects



Legend:

■ Action ■ Decision Point

Next Steps...

