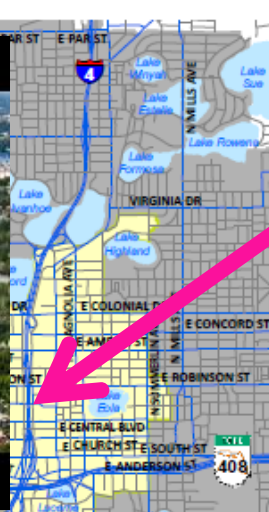


# *BRT as an Economic Development Tool*

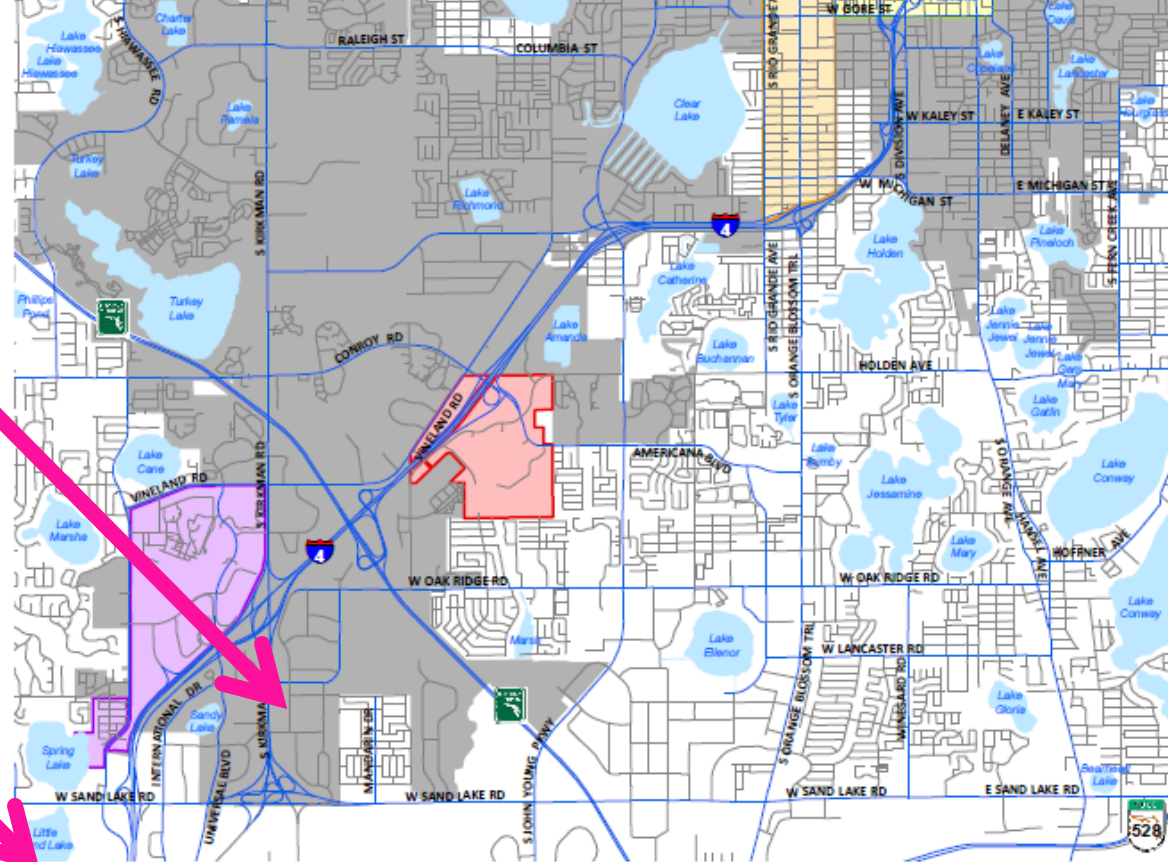
LYNX LYMMO BRT

Orlando, FL



Here

I-Drive  
Convention  
Center  
Universal  
SeaWorld  
Disney



Airport

# LYMMO History

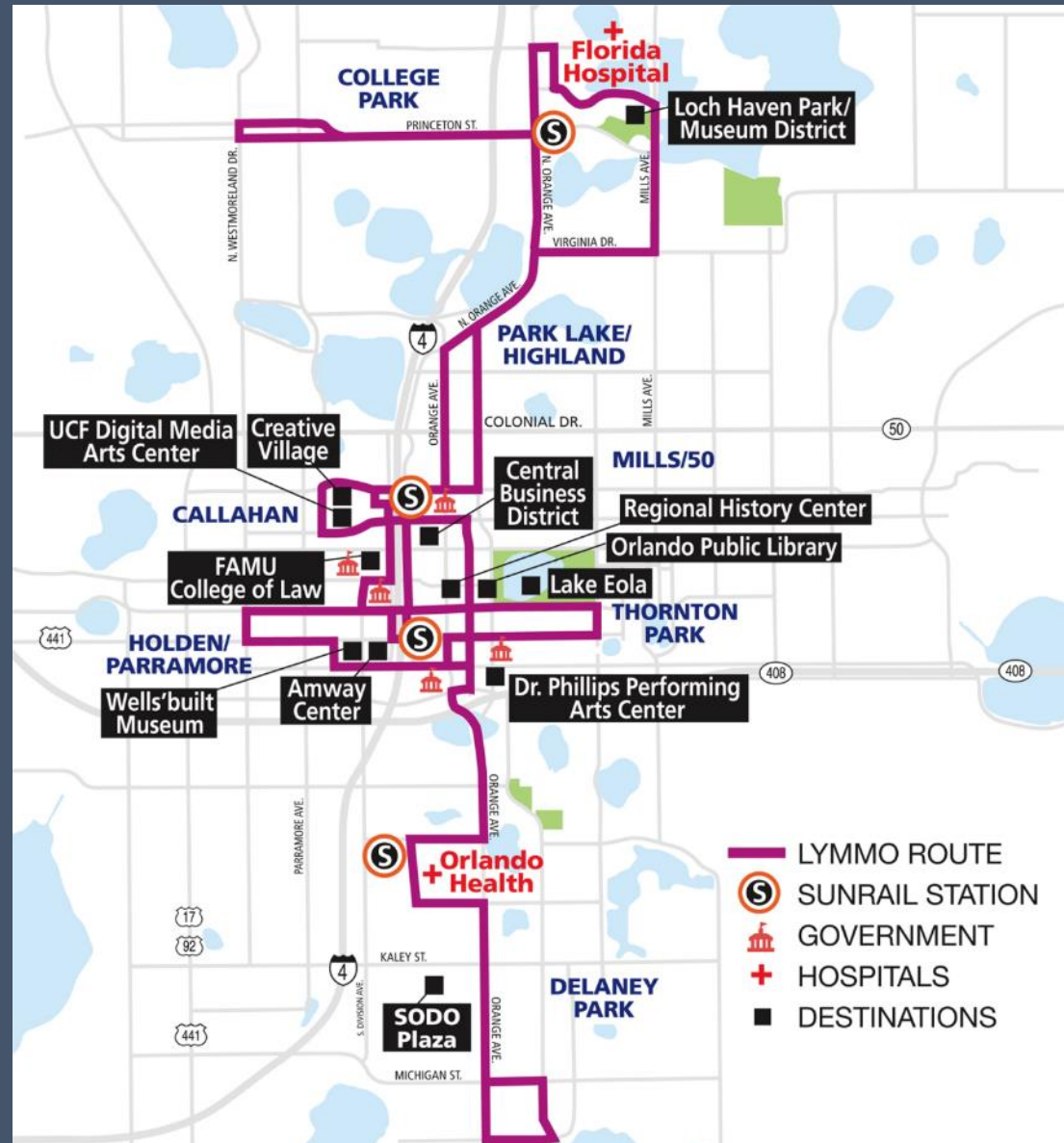
- 1983 – Meter Eater - \$.25 cent fare
- 1984 – FreeBee
- 1989 – OSCAR planned
- 1997 – LYMMO BRT Opens
- 2006 – Orlando adopts Downtown Transportation Plan
- 2010 – Parramore BRT TIGER & East West Circulator New Start Grants Awarded
- 2014 – LYMMO re-brand, East/West BRT opens
- 2016 – Parramore BRT opens
- 2017 – 20 Year Anniversary of Orange Line



Orlando Sentinel

# LYMMO System Vision

- Hospital to Hospital
- Neighborhood to Neighborhood
- Jobs
- Culture & Arts
- Entertainment
- Education
- Sports
- Connections to SunRail and Transit





# LYMMO Today

- Orange Line - Downtown
  - 2.5 Miles
  - 13 Stations/7 Stops
  - 683,904 Annual Ridership
- Grapefruit Line
  - 3.7 Miles
  - 6 Stations/12 Stops
  - 417,443 Annual Ridership
- Lime Line
  - 2.5 Miles
  - 3 Stations/5 Stops
  - 68,944
- Orange Line – North Quarter
  - 1.8 Miles
  - 3 Stations
  - 6 Stops



Central Florida Regional Transportation Authority, LYNX

# Current LYMMO Service



# Project Partners





# Other Transportation Projects

- Sunrail
- Bike Share
- Orlando Urban Trail
- Tolling of I-4
- Zip Car



Tampa Tribune

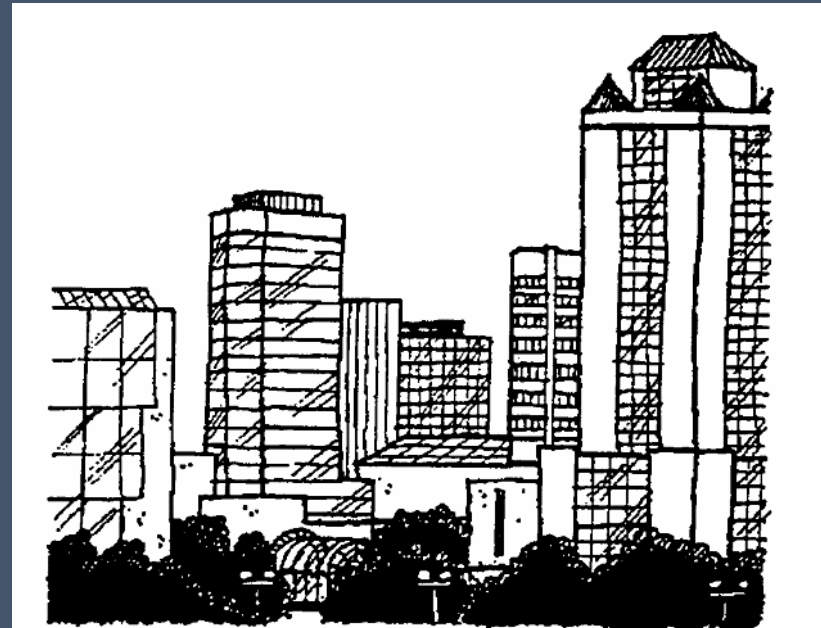


Central Florida Regional Transportation Authority, LYNX




# City of Orlando Land Development Regulations


- Discounted impact fees for mixed use and/or TOD developments
- Lower impact fees in downtown core
- Community Redevelopment Agency
  - 1980
  - Established TIF district
- Maximum & minimum parking
  - Allows for reduction in parking
  - Parking bonuses
  - Reductions for proximity to transit
  - Exempt uses
- 200' height
- Pedestrian circulation requirements
- Density/Intensity bonuses



# Economic Development – Orange Line

Project Name	BRT Route	Year Complete	Estimated Capital Investment	Job Created <sup>1</sup>
 <b>Orange Line Projects Since 1997</b>				
55 West - Residential/Mixed Use	Orange	2008	\$100,000,000	863
800 N. Orange Ave (office)	Orange/N. Qtr	2015	\$51,000,000	440
Ace Café (retail/entertainment)	Orange/Grapefruit	2016	\$7,000,000	60
Aloft (multi-family)	Orange	2013	\$20,000,000	173
Central Station (multi-family/retail) Phase 1	Orange	2016	\$50,000,000	432
Citrus Center Improvements (office/retail)	Orange	2015	\$1,600,000	14
CNL Center I&II - Office	Orange	1999/2006	\$166,700,000	1439
Dr. Phillips Center (public benefit/mixed use)	Grapefruit/Orange	2014	\$500,000,000	4315
First United Methodist Church (institutional)	Orange/Grapefruit	2012	\$20,000,000	173
Grand Bohemian - Hotel	Orange	2001	\$37,000,000	319
Lincoln Plaza - Office	Orange	2000	\$43,000,000	371
NORA (multi-family/retail)	Orange/N. Qtr	2014	\$28,000,000	242
One Eleven/Dynatech - Office/Mixed Use	Orange	2008	\$80,000,000	690
Orange Co. Courthouse - Institutional	Orange	1997	\$100,000,000	863
Plaza Tower - Office/Mixed Use	Orange	2006	\$88,000,000	759
Residence Inn by Marriott (hotel)	Orange/N. Qtr	2015	\$27,000,000	233
SkyHouse (multi-family/retail)	Orange	2013	\$63,000,000	544
Solaire at the Plaza - Residential/Mixed Use	Orange	2006	\$52,000,000	449
Steel House (multi-family)	Orange/N. Qtr	2013	\$40,000,000	345
The Vue - Residential/Mixed Use	Orange	2007	\$100,000,000	863
The Sevens (multi-family/retail)	Orange/N. Qtr	2016	\$35,000,000	302
Trinity Lutheran Child Development Center (Institutional)	Orange	2016	\$7,100,000	61
<b>TOTAL</b>			<b>\$1,616,400,000</b>	<b>13,586</b>

# Economic Development – Grapefruit/Lime

Project Name	BRT Route	Year Complete	Estimated Capital Investment	Job Created <sup>1</sup>
 <b>Orange &amp; Grapefruit Line Projects Since 2012</b>				
MLS Soccer Stadium (sports/entertainment) <sup>2</sup>	Grapefruit	2016	\$105,800,000	913
Men's Service Center (institutional)	Grapefruit	2015	\$6,600,000	57
George C. Young Federal Courthouse (government)	Grapefruit/Lime	2012	\$47,500,000	410
Amway Center (sports/entertainment)	Grapefruit/Lime	2010	\$480,000,000	4142
Sports Entertainment District (mixed use)	Grapefruit/Lime	TBD	\$200,000,000	1726
Artisan 420 (multi-family, retail)	Grapefruit	2016	\$60,000,000	518
Hyatt Place (hotel)	Grapefruit	TBD	\$55,000,000	475
Citi Tower (multi-family/retail)	Grapefruit	2015	\$40,000,000	345
First United Methodist Church (institutional)	Orange/Grapefruit	2012	\$20,000,000	173
Ace Café (retail/entertainment)	Orange/Grapefruit	TBD	\$7,000,000	60
Dr. Phillips Center (public benefit/mixed use)	Grapefruit/Orange	2014	\$500,000,000	4315
		<b>TOTAL</b>	<b>\$1,521,900,000</b>	<b>13,134</b>



# Return on Investment

- Orange Line - \$20M in 1997
- Grapefruit Line - \$10M in 2014
- Lime Line - \$14M in 2016
- Development - \$3.4B from 2012-2017
- \$14M invested for every \$1M spent on BRT since 2012



# Lessons Learned/Issues

- Construction can disrupt/impact ridership
- Timing is everything
- Not all neighbors appreciate BRT
- Beware of development cycles
- Conflicting agendas
- Gentrification challenges
- Loitering vs. waiting for bus
- Special event challenges & Service Interruptions
- Economic development not always attributable to transit investment



# Thank You

Laura Minns, AICP

Sr. Transportation Planner, WSP

[Laura.Minns@wsp.com](mailto:Laura.Minns@wsp.com)