

FRA Awards 2018

LYMMO Lime Line
Transportation

City of Orlando, Community Redevelopment Agency



Overview

- Downtown Orlando's bus rapid transit service, LYMMO, provides a convenient, car-free option for passengers each year.
- In August 2017, Orlando Mayor Buddy Dyer, District 5 City Commissioner Regina I. Hill, and LYNX CEO Edward Johnson kicked off service for the LYMMO Lime Line.
- The Lime Line is the fourth route of the LYMMO service and provides convenient access to nearby points of interest and neighborhoods including: LYNX Central Station, SunRail (commuter rail), the Parramore Neighborhood, FAMU College of Law, and the University of Central Florida's (UCF) Center for Emerging Media.
- Additionally, the line will connect people to exciting new developments once they open, like Creative Village, UCF and Valencia's downtown campus, and the Sports and Entertainment District. LYMMO originally launched in 1997 and has since grown to serve over one million passengers per year.



Innovation

- The utilization of transit signal priority at signaled intersections allows for reduced travel times and improved travel efficiency by decreasing the amount of dwell time for buses at traffic signals. Combined with the use of hybrid-electric buses, this helps to reduce greenhouse gas emissions and fuel consumption.



Community Impact

- The LYMMO Lime Line directly impacts the community by providing reliable and fare-free transit service for downtown workers, residents, and visitors including the economically disadvantaged, students, elderly, and people with mobility challenges.
- Reliability and affordability are important factors as access to public transportation enhances personal opportunities. According to the American Public Transportation Association, a total of 87% of trips on public transit have a direct impact on the local economy.

Funding

- The total construction budget for the project was just over \$17 million. Through a TIGER (**T**ransportation **I**nvestment **G**enerating **E**conomic **R**ecovery) grant, \$13 million was acquired and the remainder was provided through a local match from the City of Orlando, including right-of-way given to the Federal Transit Administration.
- The city also took care of environmental remediation on site, valued at \$662,000.

Problem Solving

- Introduction of the LYMMO Lime Line provided reliable, premium transit access to underserved neighborhoods within the community.
- Frequent headways combined with access to other transit modes, including bus, rail, carshare and bike share not only help people without automobiles who depend on public transportation but also help to alleviate traffic congestion and parking issues by removing the need for additional vehicles on our roadways.

Applicability to Other Communities

- LYMMO is a great example of a premium transit service with frequent headways, free fares and comfortable, air-conditioned buses.
- Utilizing transit signal priority to reduce travel times and offering connections to other travel modes reduce the need for a personal vehicle in downtown Orlando.
- Hybrid electric buses reduce the impact of transportation on the environment.
- Providing easy accessible transit improves the visitor experience, increases access to jobs and opportunity for residents, and attracts employers to downtown Orlando.