



# Lake Nona, FL

## Tavistock Development

Private Sector - Planned Development

### CLIENT

Lake Nona, a 17-square-mile planned, neo-urban community, is one of the fastest growing communities in the United States. It combines residential living, schools, research clusters, medical campuses, retail, restaurants and recreational areas with an emphasis on innovation and sustainability.



"In Lake Nona, we dreamed of creating an infrastructure that would enable tomorrow's innovators to thrive...tomorrow is here! As proof, we're excited to advance... the region's first autonomous shuttle program launching the future of mobility."

**Rasesh Thakkar**  
Sr. Managing Director,  
Tavistock Development Company

### CHALLENGES

The developer, Tavistock Development Company, sought alternative mobility solutions to provide a way for residents, employees and visitors to move around the 17-square mile community. The developer also sought ways to phase implementation of an autonomous mobility network prior to the community's full buildout utilizing \$20M in BUILD grant funding from the United States Department of Transportation.

### SOLUTIONS

- Benefit One**  
Operation seven days a week across five routes in the community on public roads
- Benefit Two**  
Connection to key destinations including the Town Center, Orlando VA Medical Center, UCF College of Medicine, parking structures and residential
- Benefit Three**  
Implementation of eight 100% electric autonomous shuttles with multi-passenger capacity
- Benefit Four**  
Phased approach utilizing a combination of existing infrastructure and dedicated lanes to support 25+ AV fleet in the future
- Benefit Five**  
Reliable and predictable shuttle schedule and live-shuttle tracking enabled through the Ride Beep app

### RESULTS

