

Suntrax

LINK: <http://www.suntraxfl.com/>

VR VIDEO LINK [5:02]: <https://www.youtube.com/watch?v=jxndNnXOfhM>

CAV VIDEO LINK [5:48]: <https://www.youtube.com/watch?v=U6vyb7IYzSI>

America's new center for transportation innovation in Florida.

Located off I-4 between Orlando and Tampa, SunTrax is a large-scale, cutting-edge facility being developed by the Florida Department of Transportation and Florida's Turnpike Enterprise, dedicated to the research, development and testing of emerging transportation technologies in safe and controlled environments.

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475

acre site along Interstate 4

2.25

mile oval for high-speed testing

200

acre infield for CAV testing

Mission

To advance technology solutions which improve the safety and efficiency of transportation.

Vision

To be a continuously evolving, nationally recognized center for the development of innovative transportation solutions.

Suite of Services

Users can customize the solutions they need from SunTrax's service offerings, including:

- Lease individual or combined test sectors
- Develop test scenarios with engineering experts
- Access specialized test equipment
- Oversee full-service testing performance

Connected + Autonomous Vehicle (CAV)

Two videos describe a Florida-based test facility for CAVs. The facility is designed to test a variety of vehicles under varying circumstances. Anticipating the presence of autonomous vehicles in small cities and towns is the challenge. The challenge will be anticipating their impact on city roadways and parking areas, anticipating their impact on local commerce; anticipating their impact on neighborhood streets and traffic; and, anticipating their impact on pedestrian and bikeway systems.

Add to this the migration of the commercial and residential vehicle fleets to electric powered vehicles [EVs] and the magnitude of changes to local revenue sources and infrastructure will be significant, especially if not properly anticipated.

SunTrax - 360 Virtual Reality Experience

•May 20, 2019

VIDEO LINK [5:02]: <https://www.youtube.com/watch?v=jxndNnXOfhM>



SunTrax is America's new center for transportation innovation, where our mission is to advance technology solutions that improve mobility and make transportation safer and more efficient. This 360 degree virtual reality experience takes you inside the 475-acre Central Florida research and development facility to show you how connected and automated vehicles, or CAVs, are being tested, advanced, and readied for full-scale public deployment. To learn more about Florida's new center for transportation innovation, please visit: www.suntraxfl.com.

Connected + Autonomous Vehicle (CAV) Technology

•Dec 13, 2017

VIDEO LINK [5:48]: <https://www.youtube.com/watch?v=U6vyb7IYzSI>



As technology advances and integrates more into our lives, it's also advancing and integrating into our personal vehicles and transportation systems. The Florida Department of Transportation and Florida's Turnpike recognize that automated vehicle technologies hold unprecedented opportunities in helping to reduce congestion and improve safety on our roadways.