

Range of Potential Improvements

Project Needs Drive Study Goals

Potential Solutions



Reduce Congestion

- Additional **local travel lanes** on SR 50 (up to six lanes)
- **Intersection and interchange** improvements
- Integrate **emerging technology** to reduce congestion (for smart intersections and fully connected vehicles)



Create Mobility Choices

- Multimodal improvement for **continuous sidewalks**, wide bike lanes, pedestrian crossings, multi-use trails
- Smart **crosswalks** at safe locations
- **New Colonial Parkway toll lanes** between SR 408 and SR 520
- Emerging **transit** technology



Improve Safety

- **Multimodal enhancements** (bicycle lanes, sidewalks, multi-use trail, pedestrian crosswalks, and accommodation of bus facilities)
- **Improved turn lanes**, traffic signals and lighting
- Dynamic/adaptive **signals** and Incident Detection Systems



Enhance Evacuation Routes

- Additional **evacuation route/mobility option** for through traffic and longer trips to I-95/ east coast
- Introduce Intelligent Transportation Systems for travel advisory and incident management
- Enhanced **east-west connectivity** from SR 408



Avoid and Minimize Environmental Impacts

- Maintain the existing **Econlockhatchee River** crossing locations
- **Context sensitive vision** for community, residential and businesses
- **Enhanced aesthetic** treatments, landscaping, and lighting