



BRANDON BOULEVARD FREIGHT CORRIDOR COMPATIBILITY STUDY

Study Background

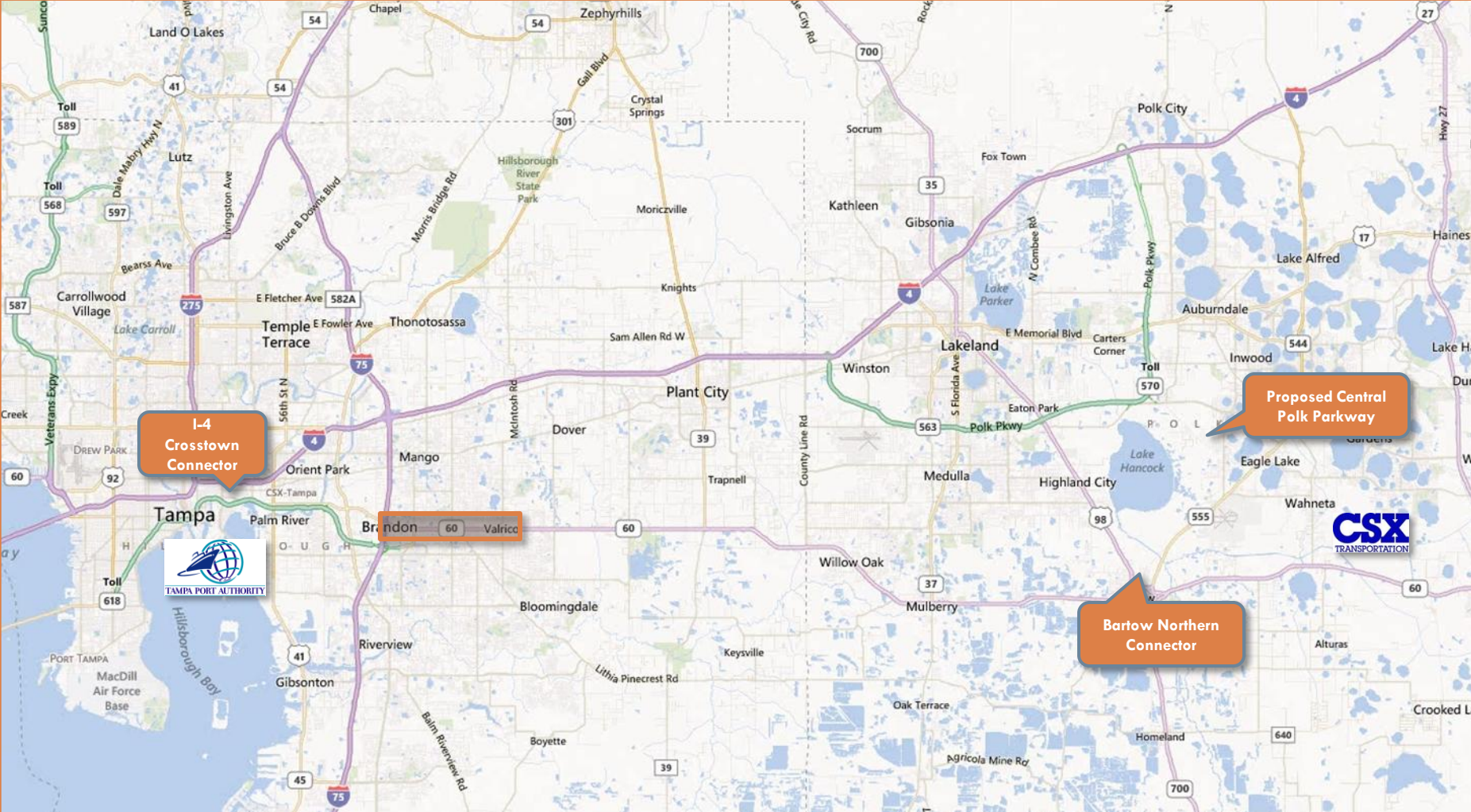
- ❑ CSX is building Intermodal Logistics Center in Winter Haven
- ❑ FDOT has completed PD&E study to widen SR 60 east of Valrico Road
- ❑ There are current safety concerns on portions of SR 60
- ❑ Study to address compatibility between trucks, automobiles, pedestrians, and bicyclists
- ❑ Study area includes “center of Brandon”



Data Collection Efforts

- Study initiated in February
- Reviewed FDOT Regional Goods Movement studies
- Identified freight hot spots and high crash areas
- Reviewed county-wide data on congested intersections
- Documented bike/ped facilities along the corridor
- Identified land uses which generate/attract trucks
- Reviewed Brandon Community Plan and SR 60 Overlay
- Collected data on daily traffic and truck % on corridor

Regional Transportation Network



Corridor Issues

- Dangerous intersections on SR 60
 - ▣ Grand Regency/Mall leads county in # of crashes
- High crash rates on SR 60 and Valrico Road
- Two sections with posted 50mph speed limit
- SR 60 reduced to 6 lanes – Kings to Bryan
 - ▣ No bike lanes on this segment
- No bike/ped facilities on SR 60 @ I-75
- Congestion increasing on parallel roadways
 - ▣ Lumsden and Bloomingdale
- Potential increase in freight traffic
 - ▣ CSX Intermodal Logistics Center



Potential Opportunities

- ❑ Enhanced parallel connectivity
- ❑ New signals (better progression)
- ❑ Separated bike lanes
- ❑ Freight restrictions
- ❑ Reduce speed limit to 45mph
- ❑ Bike/ped overpass of I-75



Next Steps

- Develop list of potential corridor improvements
- Recommend balanced short-term and long-term solutions
 - Auto/truck safety – turn lanes, stop bar placement
 - Freight – dedicated lanes, restrictions
 - Bicycle safety – bike lanes, off-road trails, signage
 - Pedestrian safety – sidewalks, crosswalks, ped signals
- Meet with stakeholders to refine initial ideas list
- Produce graphics, including concepts for some improvements
- Document data and findings in a technical memorandum
- Study expected to be complete in late summer of 2013



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