

SW 10th Street COAT PD&E Study Recommendations to Broward MPO Board

1. Creatively determine if an engineering solution which is environmentally feasible can be provided to improve safety of 10th Street and provide an efficient traffic solution between Sawgrass/Turnpike and I-95 while maintaining quality of life.
2. Improve safety while maximizing improvements to traffic flow of 10th Street and roadway intersections and expressway interchanges.
 - 2.1. To include Public Safety accessibility.
3. Include Near term solutions.
 - 3.1. Signal timing Improvements- current technology
 - 3.2. Adaptive Signal Technology
 - 3.3. Additional Traffic Lanes
4. Include a below-grade expressway with At-Grade local access roads
 - 4.1. Include extending below-grade expressway, west of westerly residential roadway connection to 10th Street.
 - 4.2. Include extending below grade expressway as close to Military Trail as possible, that would allow Military Trail intersection to remain at grade. (No overpass of Military Trail over Expressway).
5. Minimize, and attempt to eliminate, use of above grade overpass where adjacent to residential areas.
6. Improve access for local roadways and expressways west of I-95.
 - 6.1. Improve residential access to 10th and expressways from Waterways, Independence Bay, Century Village, Waterford Homes, Waterford Courtyards, and the Renaissance (nursing home).
 - 6.2. Improve commercial access to 10th and expressways for Newport Center, Publix Distribution, Palm Trails Plaza, 10th Street strip Mall, Industrial area along SW 30 Street, Sawgrass Promenade.
 - 6.3. Improve Sawgrass Expressway and Turnpike connection to I-95

7. Encourage improved access to expressway and 10th Street from local roads east of I-95.
8. Include generous table top intersections for local roads to improve pedestrian and bike connectivity north and south across 10th Street.
9. Prepare Noise study and Identify mitigation needs required
 - 9.1. Include Noise walls (Include at the beginning of construction)
 - 9.2. Explore Sound Proofing for affected Homes and businesses.
10. Accelerate 10th street PD&E scoping and consultant selection to catch up with:
 - 10.1. PD&E for the Sawgrass / 10th street interchange with the Turnpike
 - 10.2. PD&E for the 10th Street interchange with I-95.
11. Create a Gateway to North Broward by maximizing Landscaping along 10th St and north and south along adjacent connecting roadways, including landscape buffers and berms (by using native species).
 - 11.1. Explore use of revenue generated by tolls for maintenance of landscaping and tabletop parks.
12. Minimize Impacts to the environment including wetlands and air and water quality.
13. Encourage Mass Transit and carpooling alternatives.
14. Protect Deerfield Beach's West Wellfield.
15. Maximize business signage visibility and include temporary signage for local businesses during construction.
16. If tolling is planned for expressway, locate toll stations so as not to adversely affect local roadway network.
17. Include alternate transportation routes during the construction phase to alleviate congestion once construction begins on SW 10 Street and plans to alleviate congestion on Hillsboro, Sample, Wiles and SW 18 Street.
 - 17.1. Explore the potential to go under the railroad tracks at Hillsboro Blvd. to alleviate traffic during the construction phase & resolve issues on I-95.
18. Install utilities underground.