

BAYVIEW DRIVE SCOPE OF WORK



The existing conditions along Bayview Drive consist of a 2-lane section within a primarily 80 foot right of way. The roadway has a 3 foot shoulder, and sidewalks on one side with a landscape buffer. The existing 29-foot width of paved asphalt is not pedestrian or bicycle friendly.

The schools, churches, parks and commercial services along this roadway make it a priority for safe

walkways and pedestrian crossings as well as safe bicycle accommodations. The narrowing of the travel lane, designation of color enhanced bike lanes at conflict points, installation of traffic calming measures such as raised table intersections, traffic circles, or medians, construction of bioswales and installation enhanced crosswalks will create a more pleasant and safe bicycle and pedestrian friendly environment. Parents will be able to have a choice for their children getting to and from school and parks by bicycle or walking which will also improve health through the increase in physical activity opportunities throughout the day.

The City of Fort Lauderdale has been working with the two neighborhoods that consist of the Bayview Drive corridor to improve the multimodal connectivity. The City's Transportation & Mobility Department is currently funding a Neighborhood Mobility Master Plan for the Coral Ridge Country Club Estates neighborhood which will serve as the final implementation strategy for improvements from Oakland Park Blvd. to Commercial Blvd. Initial conceptual plans were developed based on their preliminary plans as identified through their neighborhood association. The City has also included preliminary needs expressed through conversations with the Coral Ridge Neighborhood Association for locations in need of traffic calming and will develop the final plans with input from both associations.

In addition to improving transportation safety, the project's goals also include environmental sustainability through the installation of bioswales and/or swale enhancements to help mitigate the stormwater runoff. Improving the pedestrian and bicycle facilities will also enhance access to the Broward County Transit (BCT) bus services on nearby streets, which by inducing transit utilization can reduce single-occupancy vehicle trips, thereby reducing regional greenhouse gases and vehicle traffic. This project meets the vision of the Broward MPO Long Range Plan 2035 to provide alternative modes of travel and connectivity to places where people meet transit and is identified in the Long Range Plan as a needed project.

The proposed Scope of Work includes the addition of bicycle and pedestrian safety measures along the 3.7 mile roadway. The outcome of that process along with outreach with the Coral Ridge Neighborhood will determine the final scope. When the plan is finalized, the final TAP project scope will be determined based on neighbor input and availability of funds. These enhancements include:

The preliminary cost estimate based on the conceptual scope is \$2.4 million. The estimate includes the following:

CIP Funding (\$170,000): *in CIP but needs to be accelerated to FY17/18*

- Design

TAP Funding (\$983,032):

- Lane width reduction from 11 ½ feet to 10 feet wide
- Conversion of 3 foot shoulder to 4 ½ foot bike lane
- 3.7 miles of pavement markings, as necessary, for vehicle and bike lanes
- Completion of the missing crosswalk legs at NE 47th St. and NE 49th St.
- 1 raised, patterned intersections for traffic calming*
- Bioswales, including necessary landscaping
- Sidewalk installation
- 3 Patterned asphalt crosswalks with Rapid Flashing Beacons
- ADA ramp improvements

Additional Funding required (\$1.25 million):

- Green painted bike lanes
- 5 additional raised, patterned intersections for traffic calming*
- Microsurfacing (maintenance is not eligible for funding through grant)
- Contingency
- MOT, if additional project costs are included

* Enhanced intersections at key intersections to improve pedestrian safety near the school and parks along the project segment, which may include raised tables, traffic circle and/or enhanced pavers. (conceptually at NE 13th Ct, NE 26th St, NE 37th St, NE 40th St, NE 44th St, and NE 47th St)

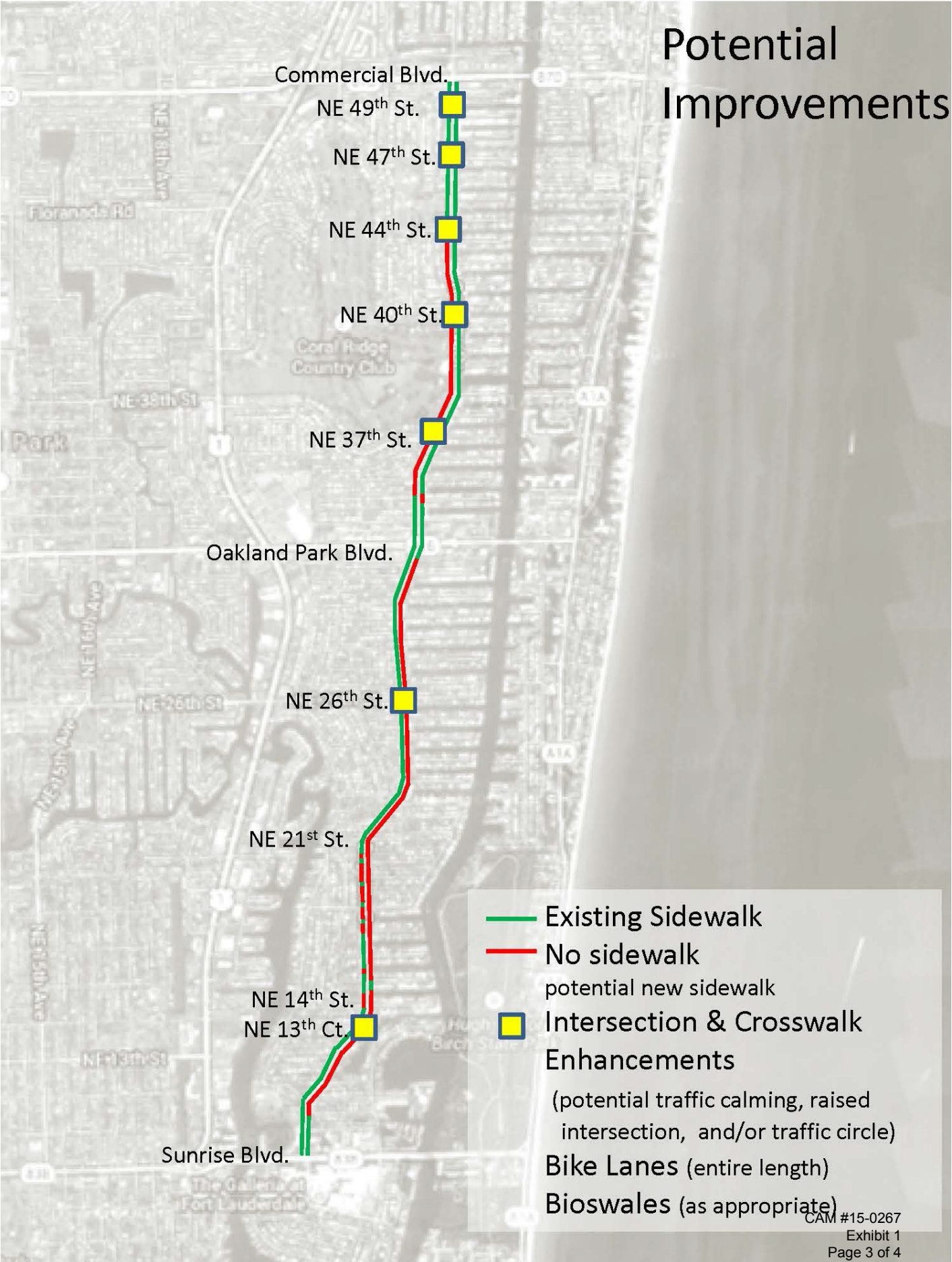
Project Timeline

Upon approval of the grant application by the Broward County MPO in July 2015, the City will commence with the project data collection, public involvement, and design. This will be in an effort to have a shovel ready project when the funding becomes available in July 2018.

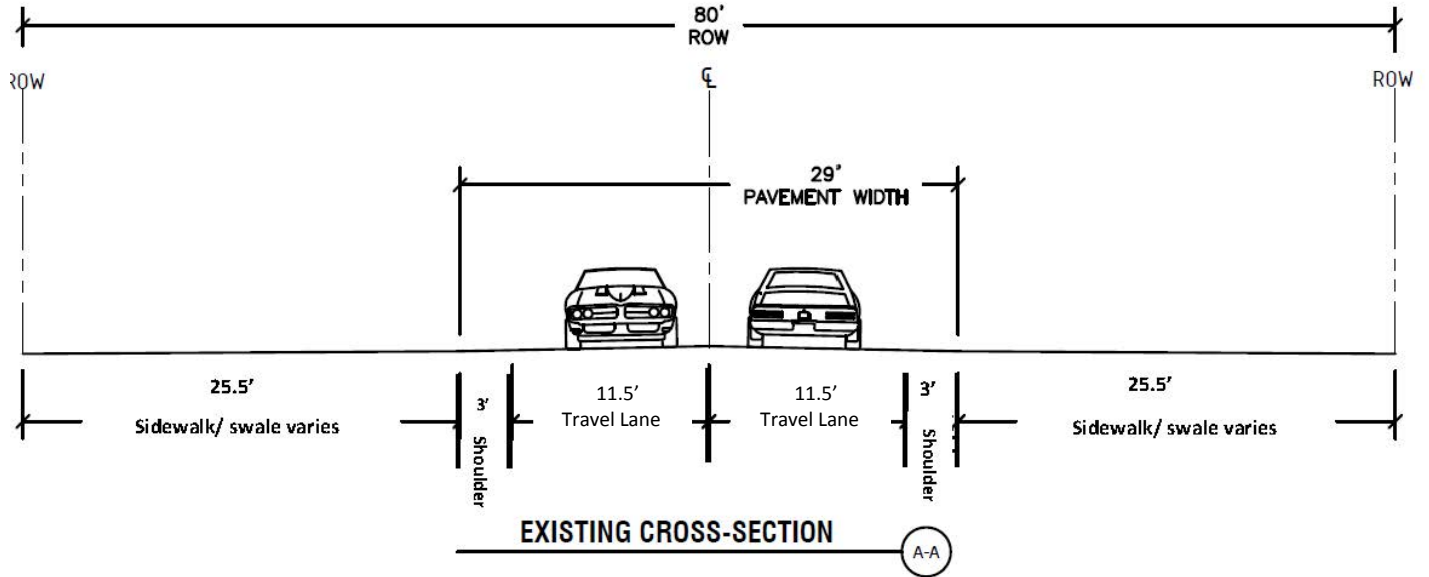
Project Schedule

Notice of award	July	2015
Survey, Design and Permitting	October	2017
Award of funds	July	2018
Contract award & execution	October	2018
Construction begins	January	2019

Potential Improvements



Existing Cross-section



Proposed Cross-section

