



Florida Department of
TRANSPORTATION

Attachment 2: 2-27-18 Bicycle and
Pedestrian Advisory Committee Presentation

SR-A1A / MacArthur Causeway Bicycle Facility Improvements

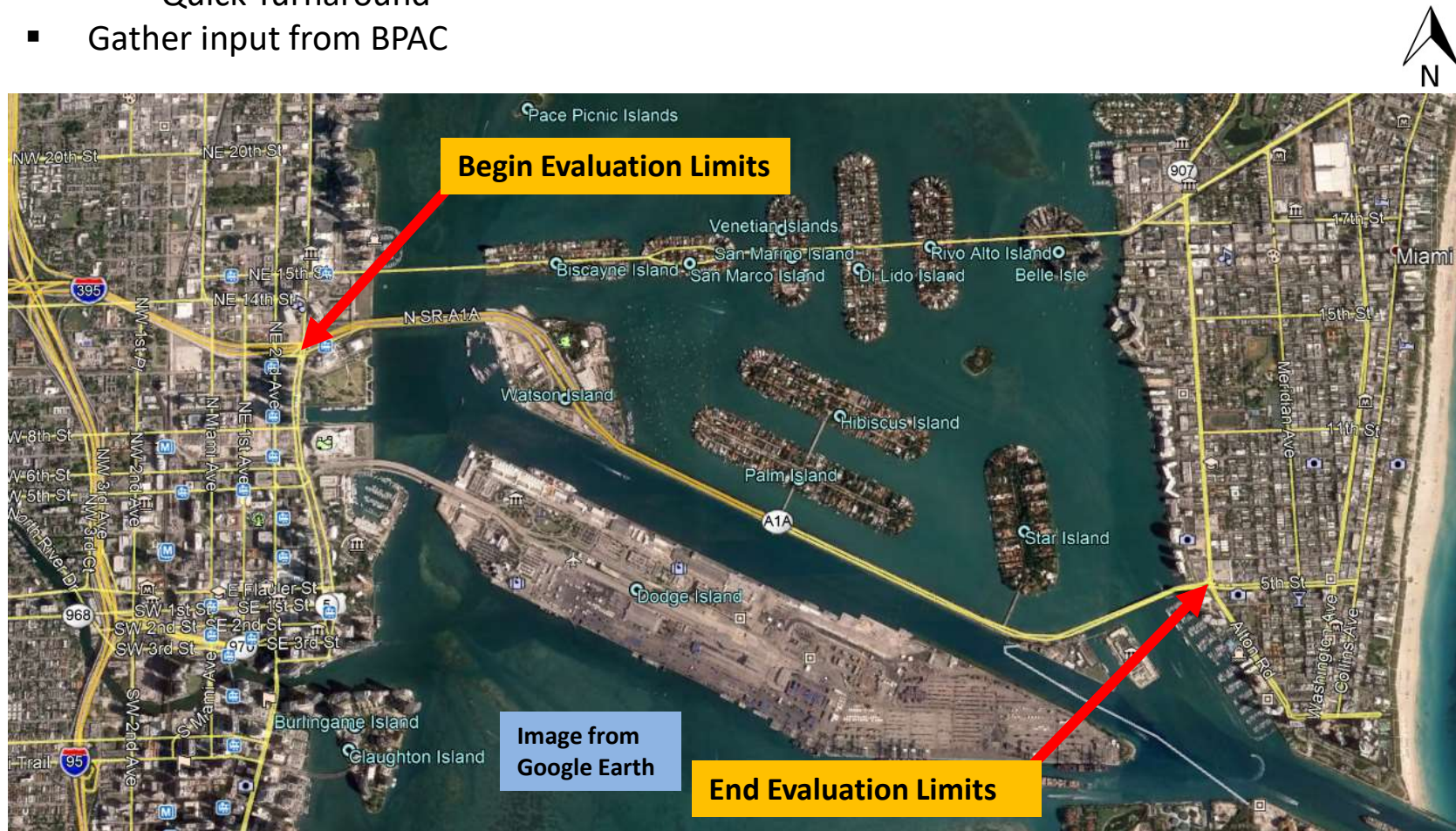
FDOT District 6

Presentation for
Bicycle Pedestrian Advisory Committee (BPAC)

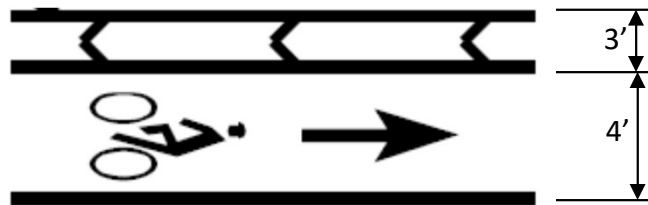
February 27, 2018

Introduction - Purpose

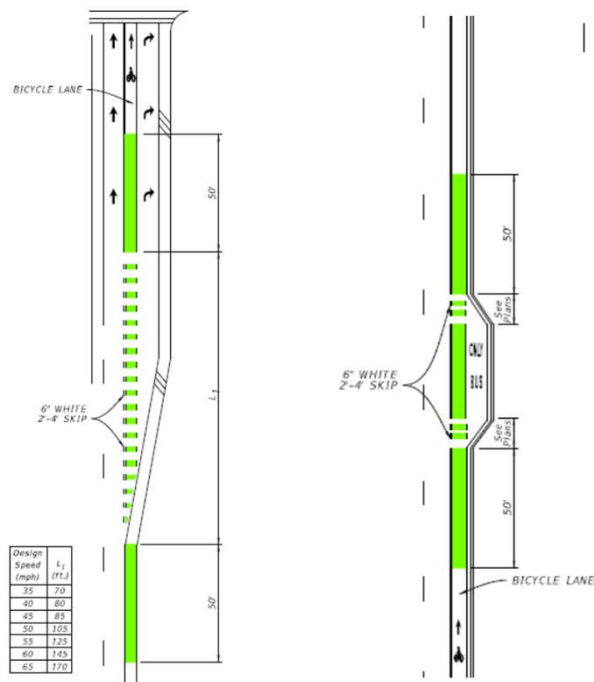
- Present proposed bicycle facility safety enhancement improvements that can be implemented with:
 - Minimum Impacts
 - Quick Turnaround
- Gather input from BPAC



Introduction – Standard Design Improvements



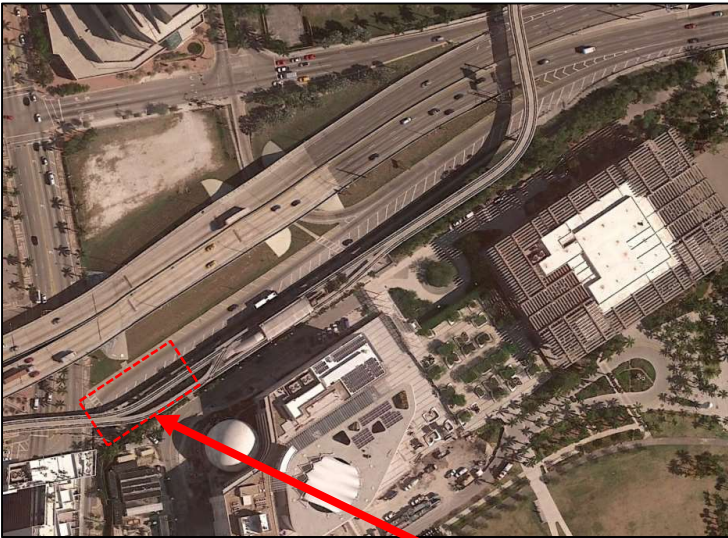
Propose to Implement the standard bicycle facility typical section of 7' wide buffered bicycle lane (3' buffered width with white chevron striping spaced a 30' c/c) wherever possible.



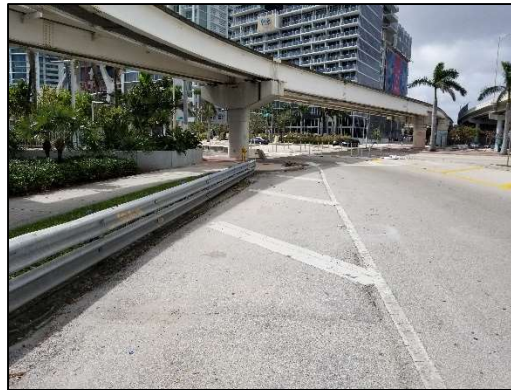
Propose to implement Green-colored bicycle lanes to enhance the conspicuity of bicycle/vehicular conflict areas. (i.e. Bicycle lane crossing a vehicular right turn lane and Bicycle Lane adjacent to dedicated bus bay)



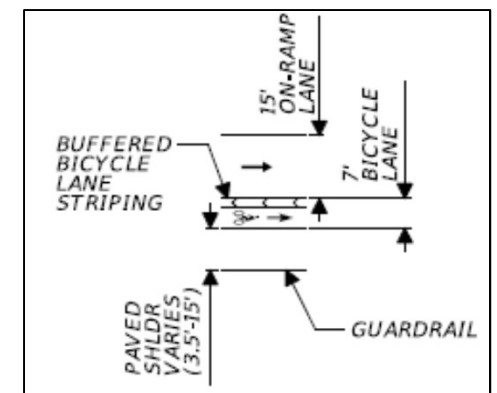
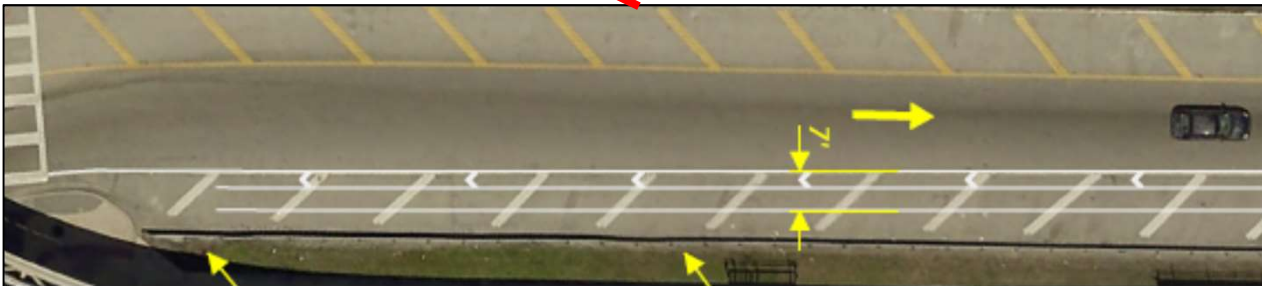
Termini - Eastbound



- Existing Conditions at the On-ramp from SR-5/Biscayne Boulevard



- Proposed Conditions at the On-ramp from SR-5/Biscayne Boulevard

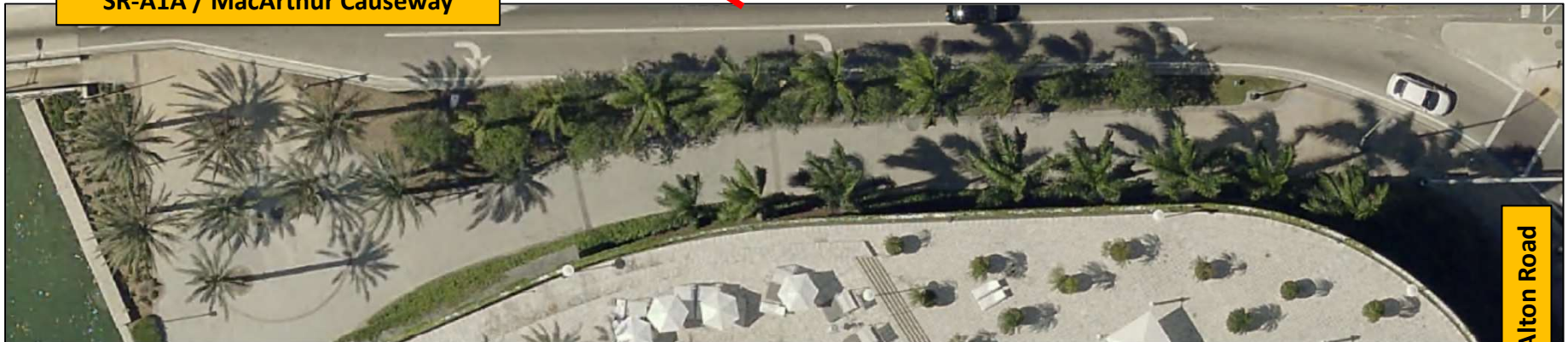


Termini - Eastbound

- Existing Conditions at the Alton Road Intersection (To Remain)



SR-A1A / MacArthur Causeway



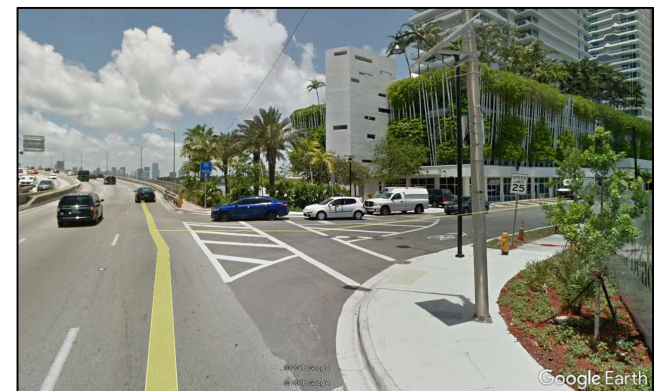
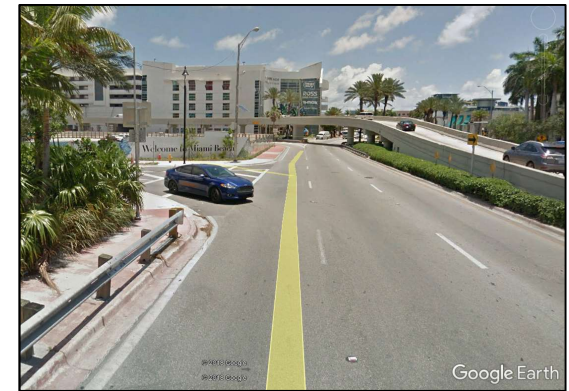
Alton Road



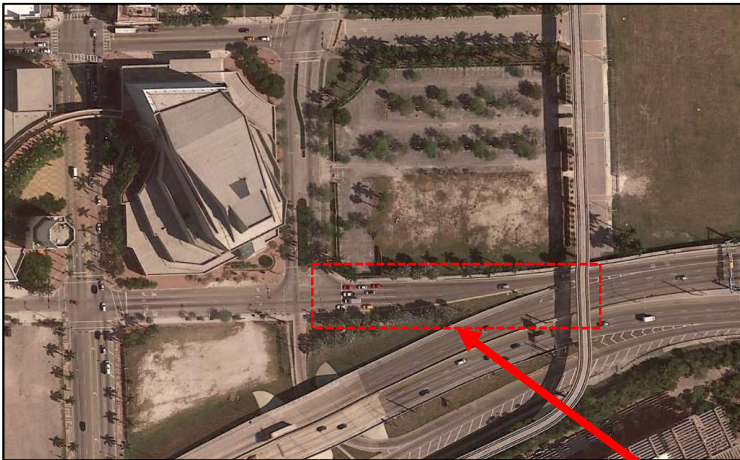
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Termini - Westbound

- Existing Conditions at the West Avenue Intersection (To Remain)



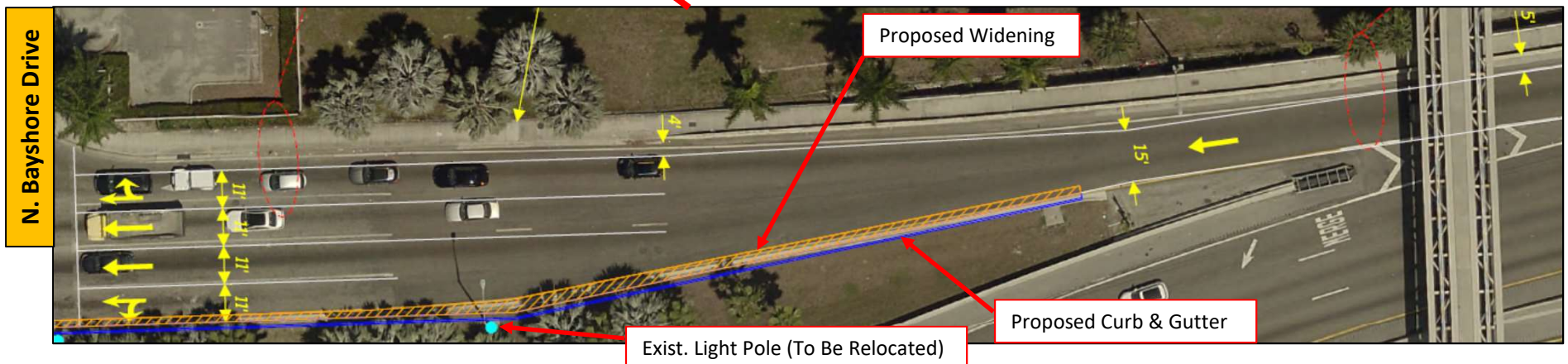
Termini - Westbound



- Existing Conditions at the Off-ramp to North Bayshore Drive



- Proposed Conditions at the Off-ramp to North Bayshore Drive



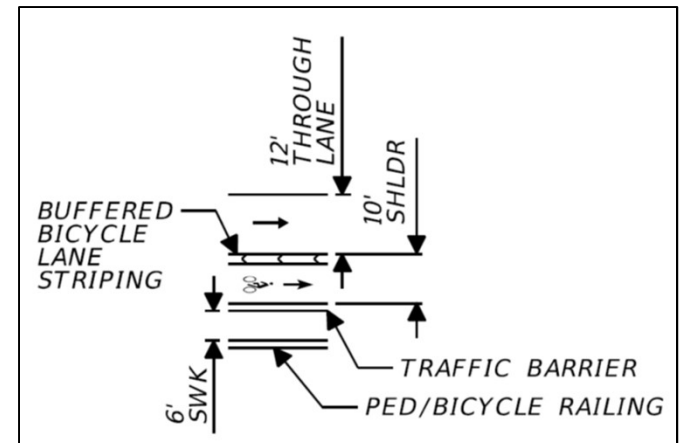
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Bridges

- Existing Conditions along Westernmost Bridges

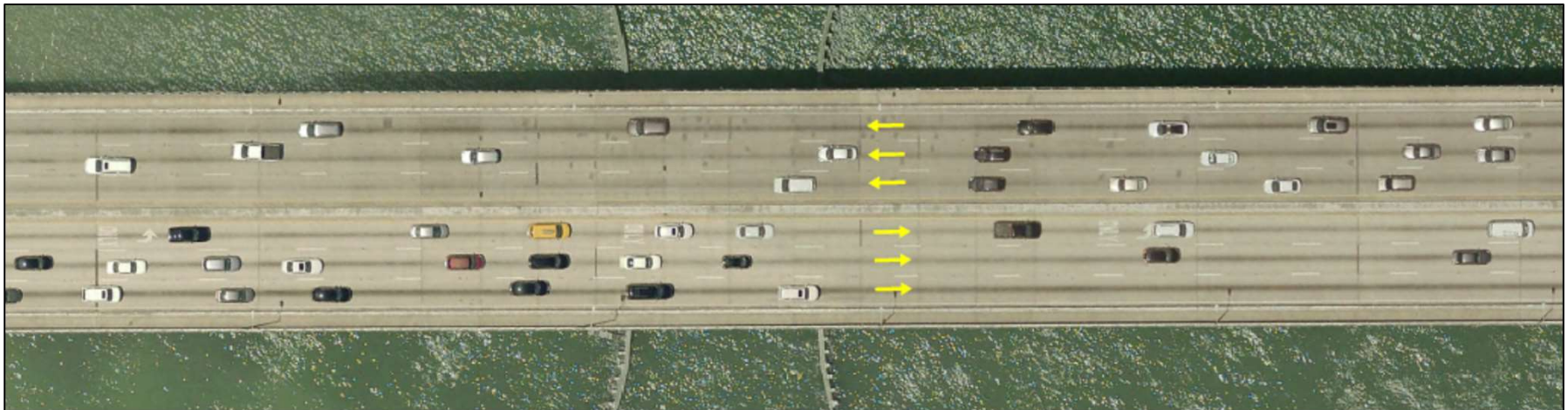


- Proposed Conditions along Westernmost Bridges



Bridges

- Existing Conditions along Easternmost Bridge (To Remain)

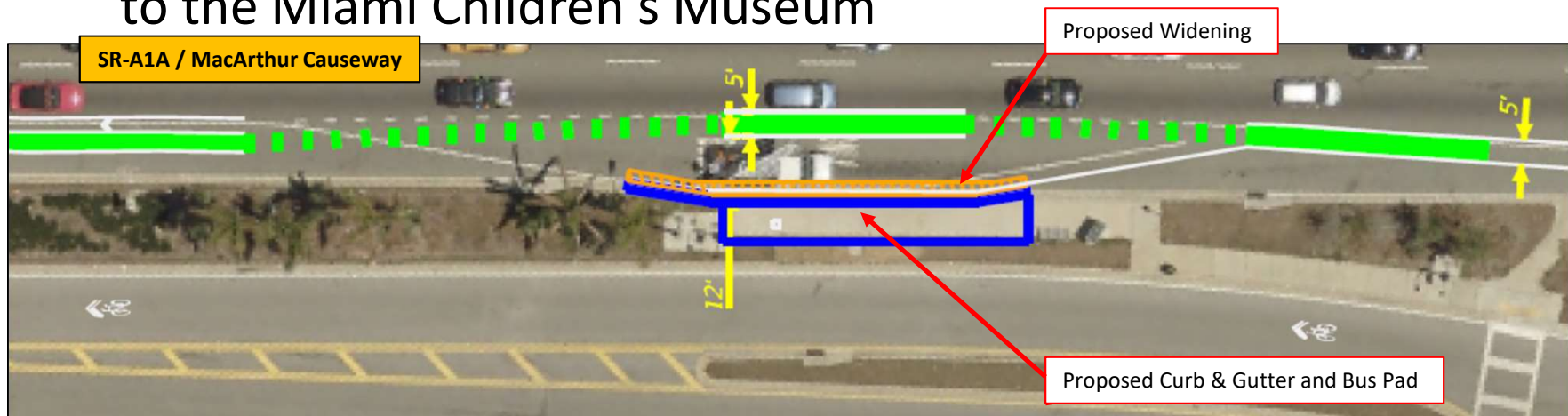


Watson Island

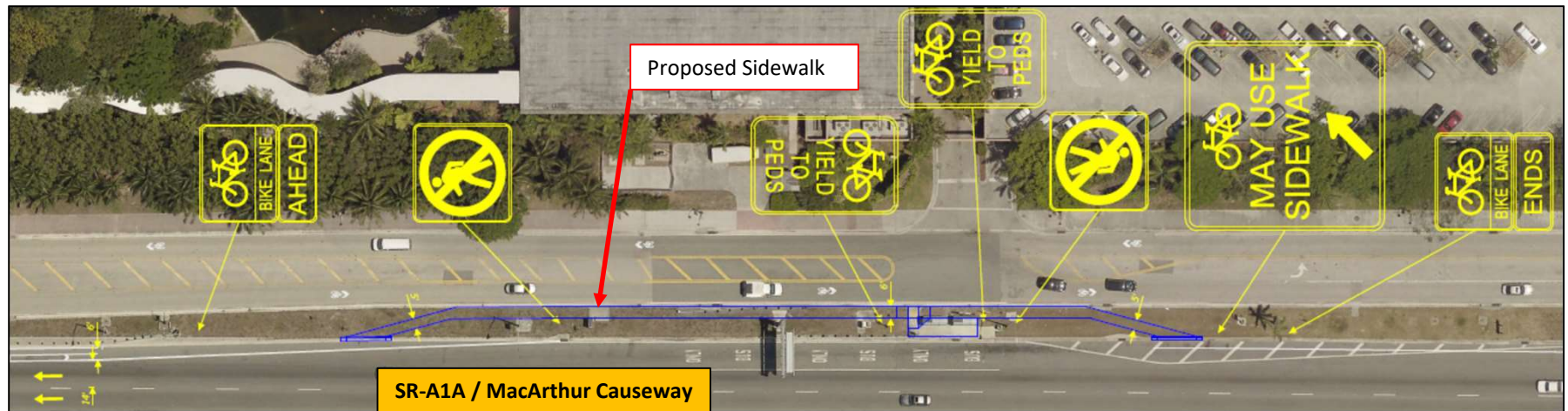
- Existing Conditions at the Eastbound Bus Bay located next to the Miami Children's Museum



- Proposed Conditions at the Eastbound Bus Bay located next to the Miami Children's Museum



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Watson Island

- Traffic Islands

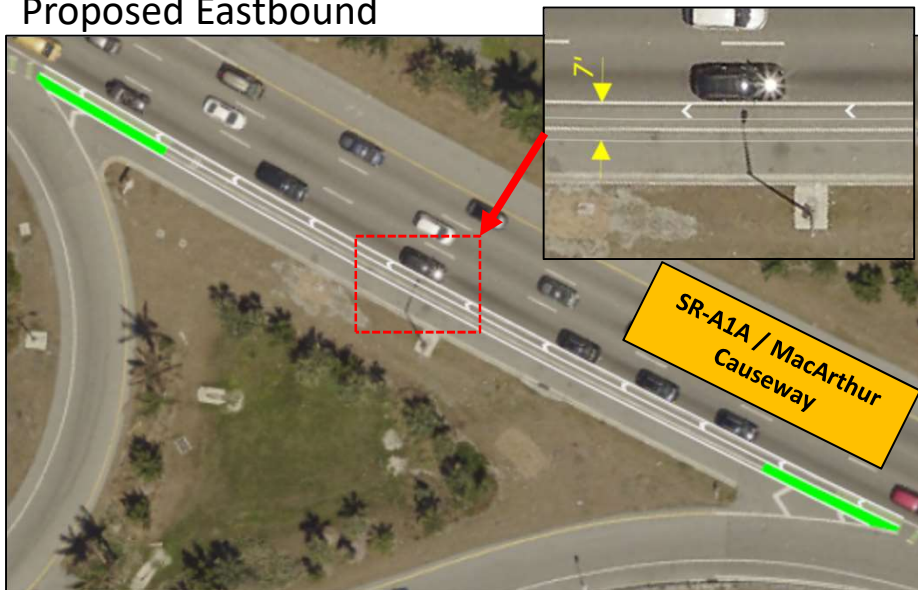
Existing Eastbound



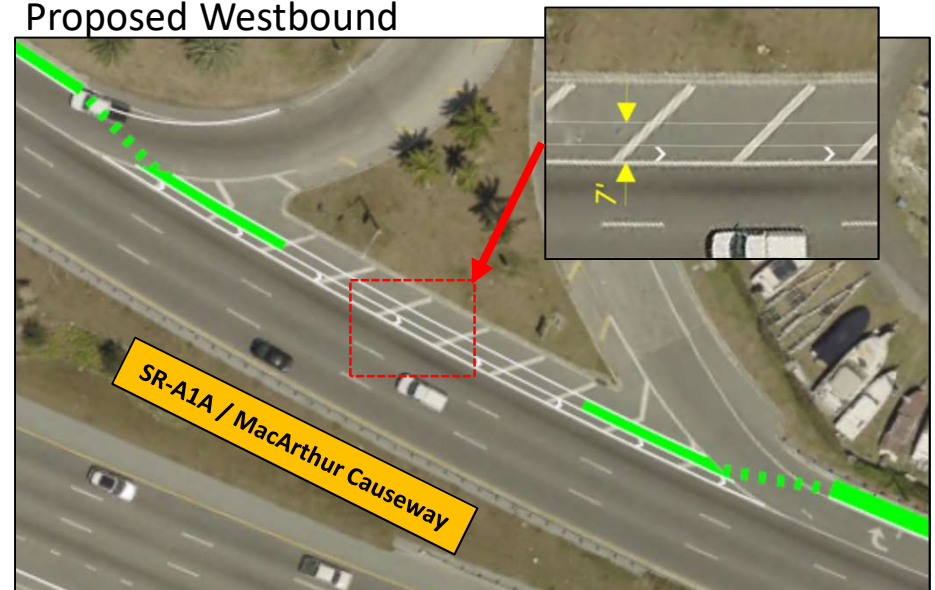
Existing Westbound



Proposed Eastbound



Proposed Westbound



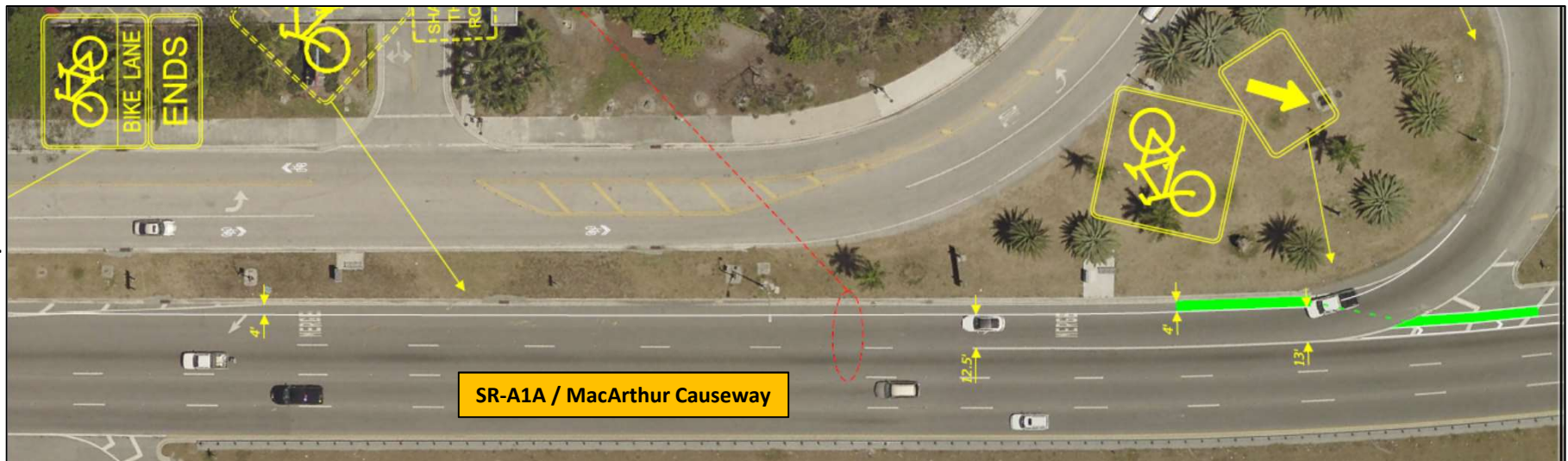
Watson Island

- Westbound Bicycle Facility Continuation along the Causeway Acceleration Lane

Existing



Proposed



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Causeway Segment Typical Section

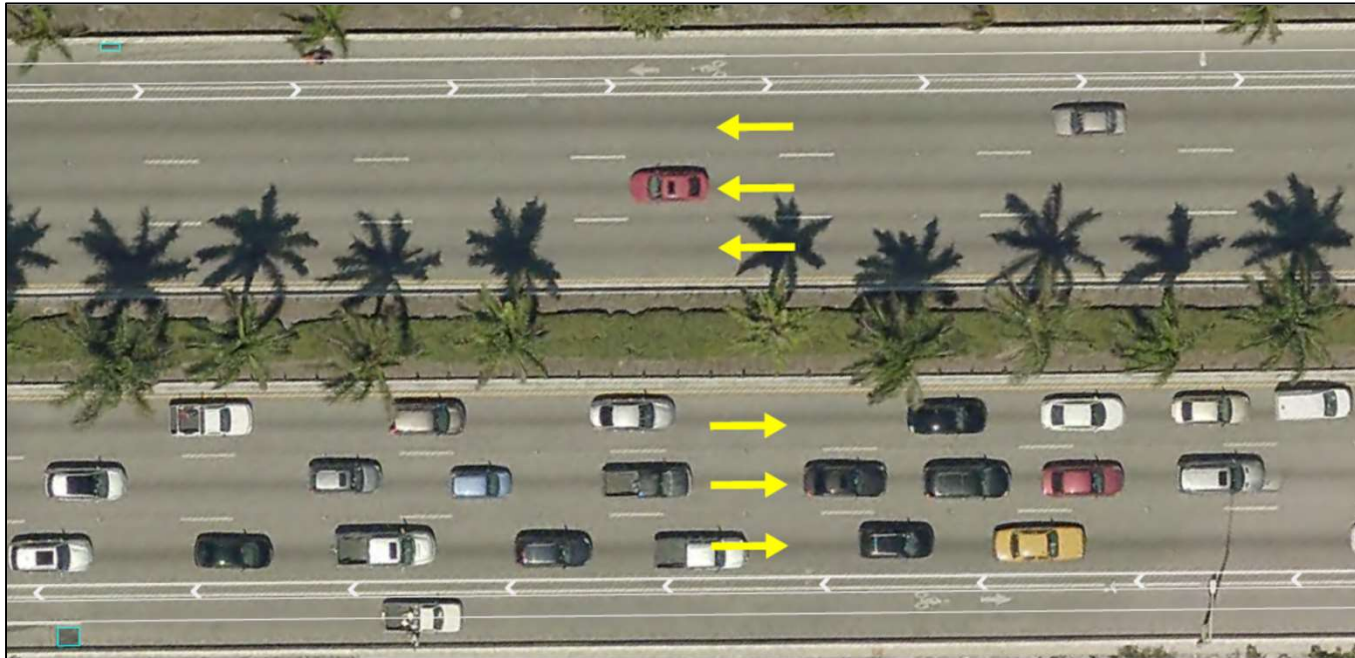
Existing Eastbound



Existing Westbound

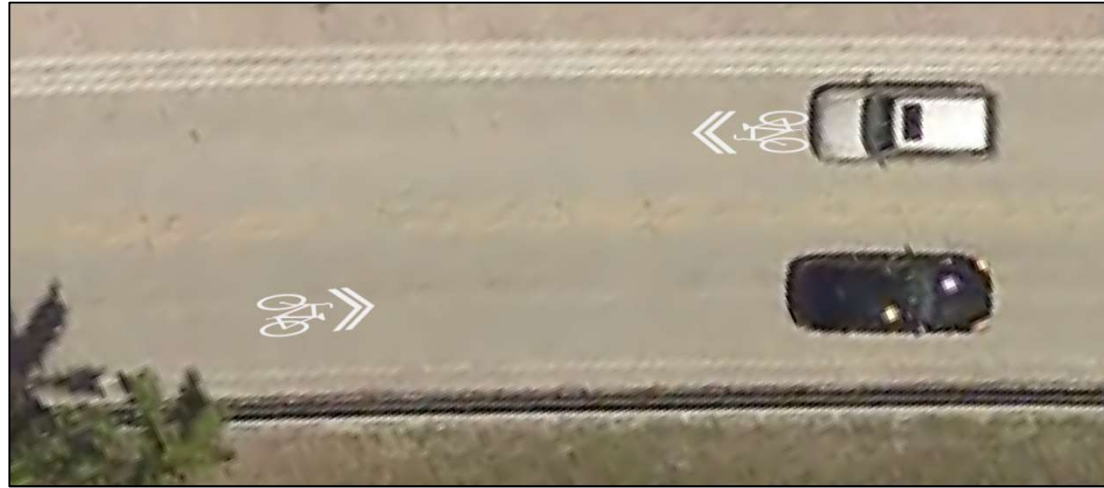


Proposed Eastbound/Westbound

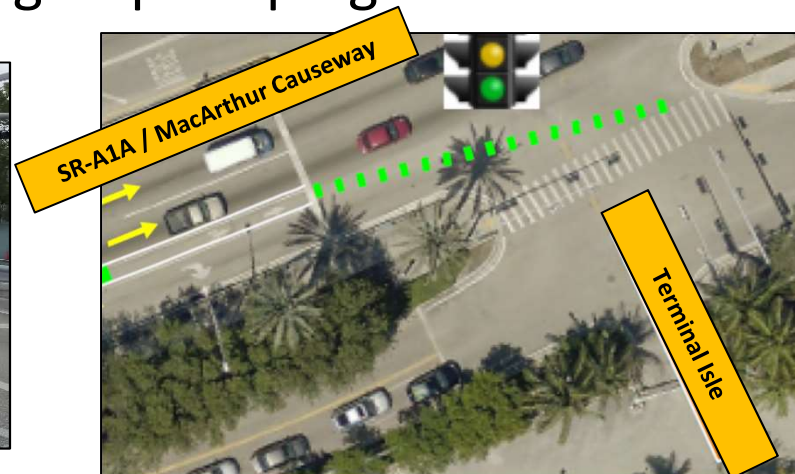


Additional Improvements

- Watson Island Access Road



- Green Pavement Marking Skip Striping Transition



Additional Improvements

- Upgraded Designated Right Turn Lane Tapers



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Preliminary Schedule and Cost Estimate

- Production Schedule
 - Program Project in July 2018
 - Design to start on Late 2018
- Cost for implementation of improvements is estimated at \$489,000.00



**SAFETY
DOESN'T
HAPPEN BY
ACCIDENT.**



www.AlertTodayFlorida.com

**WHEN DRIVING, WALKING,
OR BICYCLING...
PAY ATTENTION.
READ THE SIGNS.
LEARN THE RULES.**

AVOID DISTRACTIONS.   

 **STOP BEFORE TURNING RIGHT ON RED.**

 **USE THE SIDEWALK AND CROSSWALKS.**

 **BICYCLE PREDICTABLY, WITH TRAFFIC.**

Funded by the Florida Department of Transportation



Thank You!