

FLAGLER AVENUE BICYCLE FACILITY ALTERNATIVES



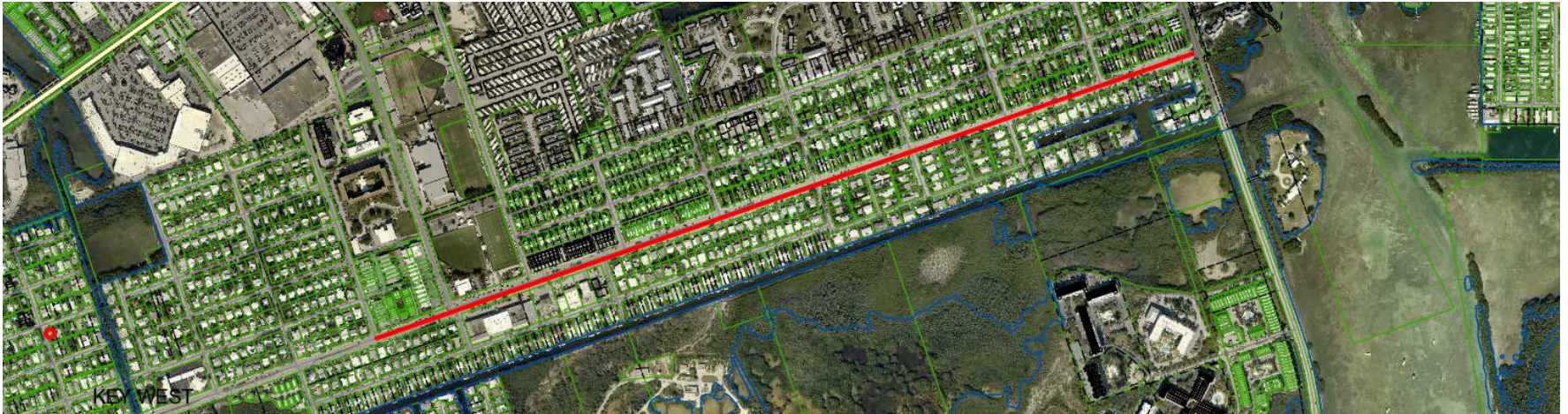
FLAGLER AVE ROADWAY PROJECT

- Monroe County managed roadway under design as a resiliency project (approximate):



FLAGLER AVE ROADWAY PROJECT

- Project area where bicycle facility alternatives may be feasible (approximate):



FLAGLER AVE ROADWAY PROJECT

- Zoned SF, MDR, CL, PS
- 30 MPH Speed Limit, 11400 AADT (≈ 8 vehicles / min.)



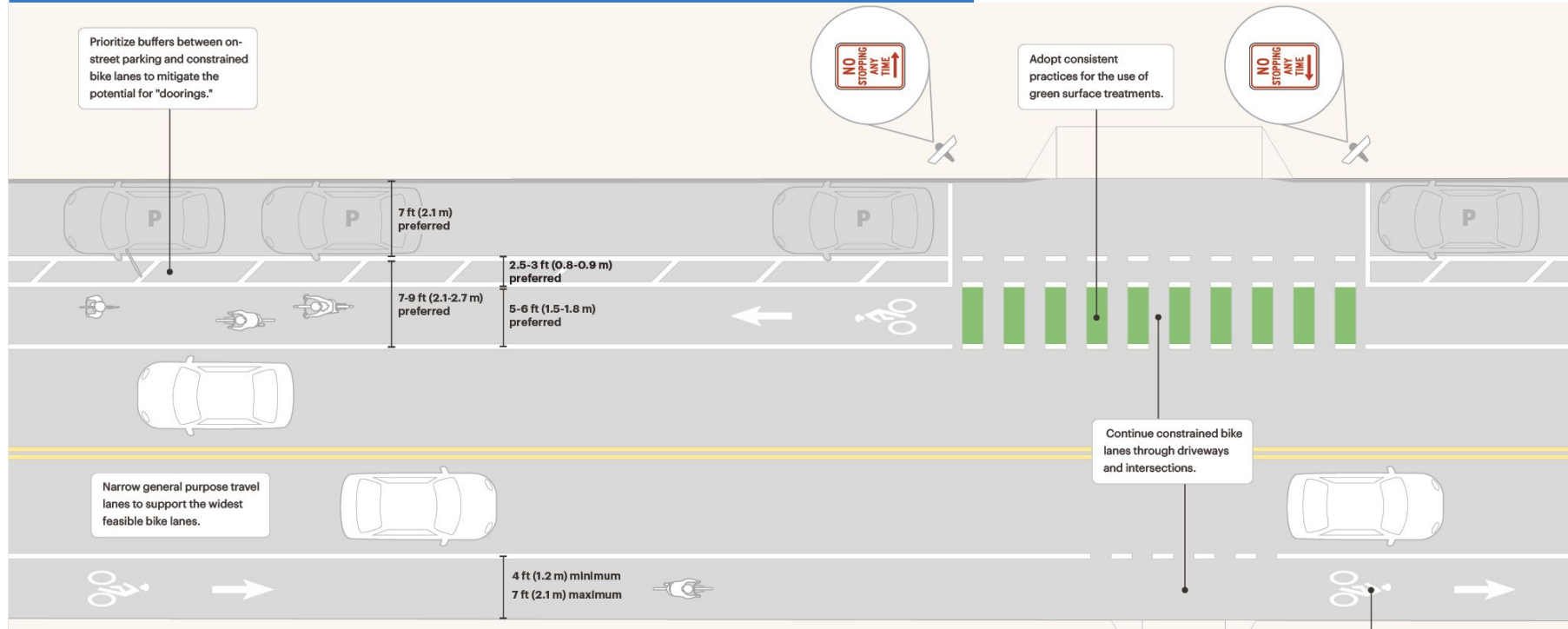
BICYCLE FACILITY ALTERNATIVES

Consider recommending one of two potential options:

- **Buffered Bicycle Lane**
 - Traditional bike lane with additional “buffer” space
- **Parking Protected Bicycle Lane**
 - Bike lane is located between parking lane and sidewalk providing “protection” from regular traffic

BUFFERED BICYCLE LANE

Source: <http://nacto.org>



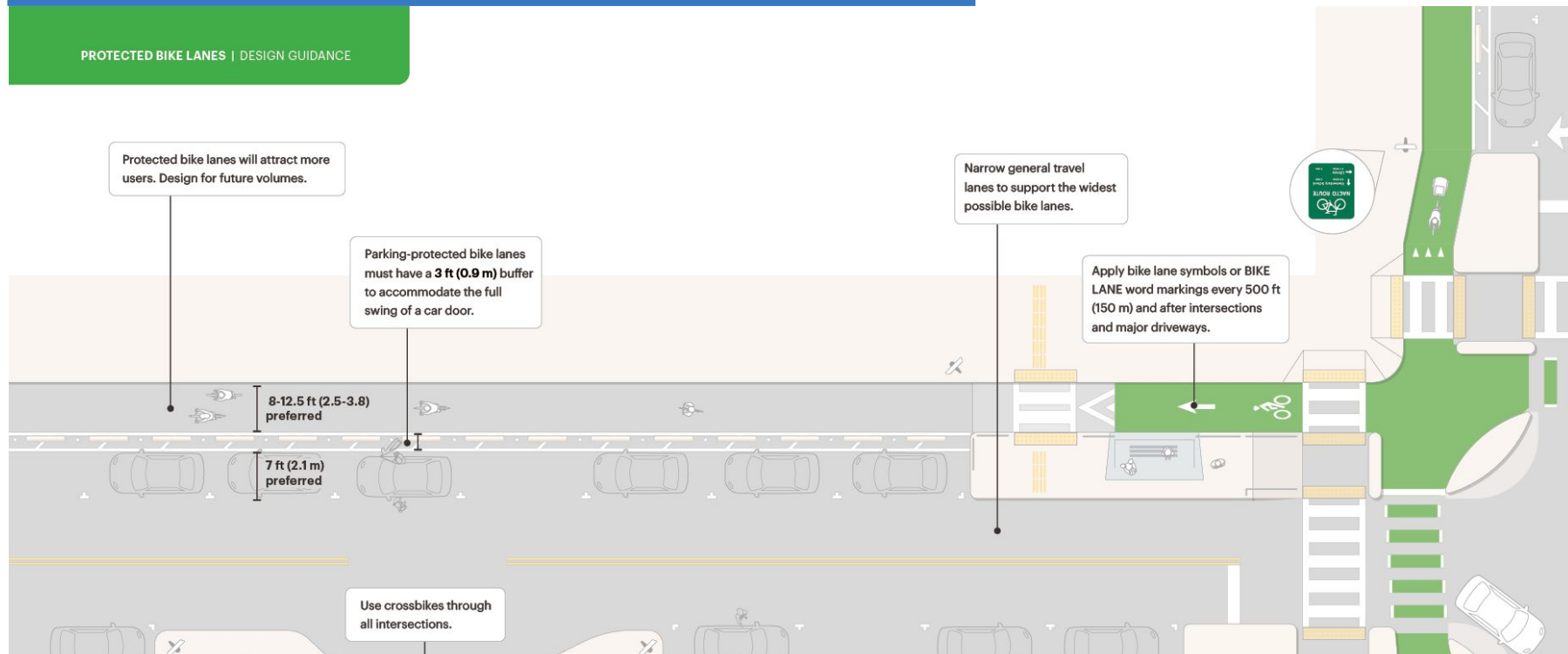
BUFFERED BICYCLE LANE

- ✚ Greater accommodation for fast moving, ebike riders
- Wide travel area may encourage speeding
 - CRF comparison: 21% (est., Source: <https://static.tti.tamu.edu/tti.tamu.edu/documents/0-7043-R1.pdf>)
 - PeopleForBikes City Rating: “high stress” <https://cityratings.peopleforbikes.org/about/methodology>

PARKING PROTECTED BICYCLE LANE

Source: <http://nacto.org>

PROTECTED BIKE LANES | DESIGN GUIDANCE



PARKING PROTECTED BICYCLE LANE

- ✚ Greater accommodation for slower, less confident riders
- ✚ Increased pedestrian comfort, sidewalk zone
- Potential visibility hazards at intersections
- Difficulties parking away from curb
- Increased maintenance
- CRF comparison: 36% (Source: <https://cmfclearinghouse.fhwa.dot.gov/detail.php?facid=11301>)
- PeopleForBikes City Rating: “low stress” <https://cityratings.peopleforbikes.org/about/methodology>

MOCKUP: BUFFERED BICYCLE LANE

<https://streetmix.net/ryan.stachurski-4310>

[/2/flagler-ave-buffered-bicycle-lane](https://streetmix.net/ryan.stachurski-4310/2/flagler-ave-buffered-bicycle-lane)

3DStreet



Flagler Ave Buffered Bicycle Lane

MOCKUP: PARKING PROTECTED BICYCLE LANE

<https://streetmix.net/ryan.stachurski-4310/1/flagler-ave-parking-separated-bicycle-lane>

3DStreet



Flagler Ave Parking Separated Bicycle Lane

SUMMARY / QUESTIONS ?

Consider a bicycle facility design alternative for inclusion in the Monroe County Flagler Avenue Resiliency Project

- **Buffered Bicycle Lane**
- **Parking Protected Bicycle Lane**

Opportunities for public participation are anticipated at a future date.