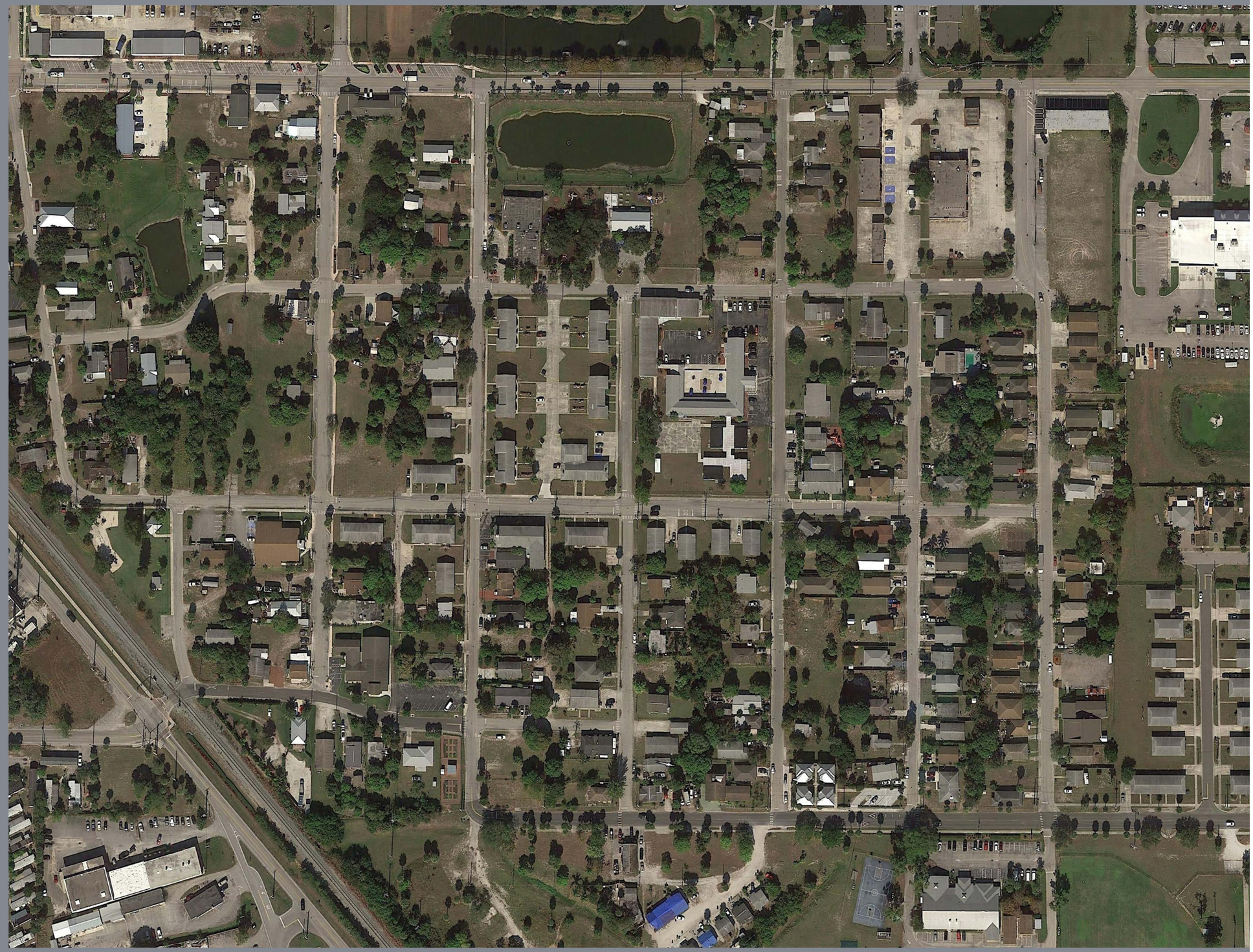
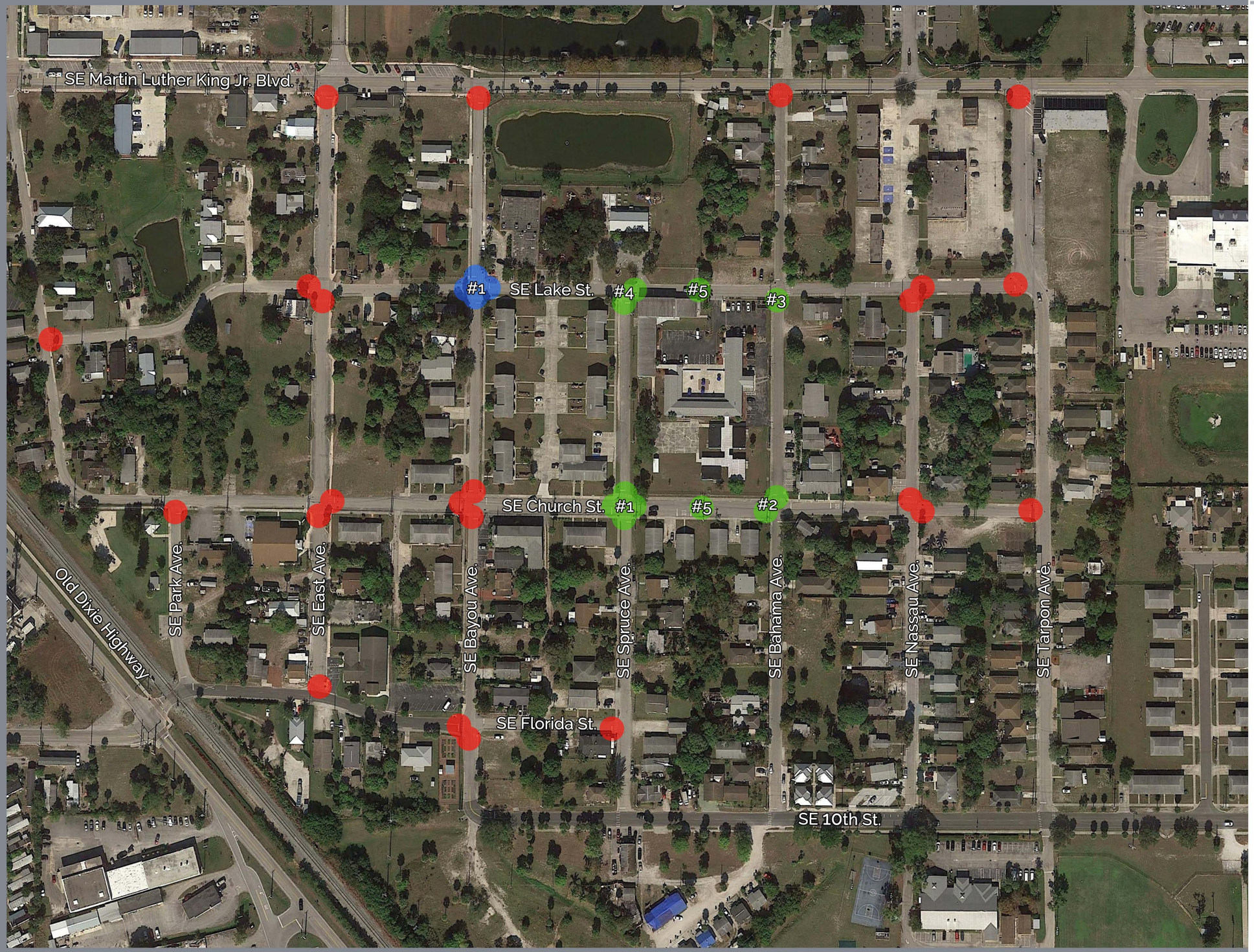


East Stuart High Visibility Crosswalks

CITY OF STUART

October 2020

EAST STUART
HIGH VISIBILITY CROSSWALKS



CROSSWALK LOCATIONS

Spectrum High School
Total of 11 crosswalks with colorful patterns

Gertrude Daycare Center
Total of 4 crosswalks with colorful patterns

Standard
Total of 23 crosswalks with a painted herringbone or similar pattern

CITY OF STUART

EAST STUART
HIGH VISIBILITY CROSSWALKS

BENEFITS OF HIGH VISIBILITY CROSSWALKS

- Improve pedestrian safety
- Increase visibility of crosswalks
- Call driver's attention to people crossing
- Avoids drivers from stopping into crosswalks
- Reduce pedestrian-vehicle crashes
- Improve the appearance of the neighborhood
- Provide fun and safe crossings in the neighborhood for students near schools

STUDIES AND FACTS

- According to FHWA, high-visibility crosswalks can reduce pedestrian crashes by 23-48%

- FDOT recommends using high-visibility crosswalks within 1-mile of all schools

- More cost effective compared to adding substantial crossing treatments such as raised median, traffic and pedestrian signals

- Minimal maintenance for striped crosswalks compared to brick pavers

- Brick pavers are not highly visible - particularly at night, in the rain and over time as they lose contract with the surrounding street

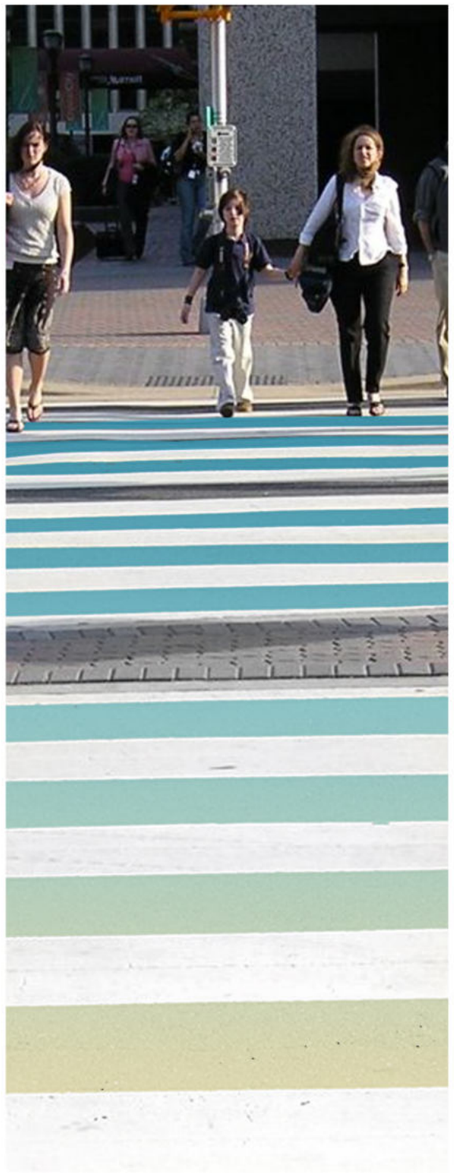
- 24" solid longitudinal lines will be spaced to avoid the wheel paths and reduce cracking and visibility of crosswalk

- Drivers traveling at 30 mph have eight additional seconds of awareness of crossing pedestrians

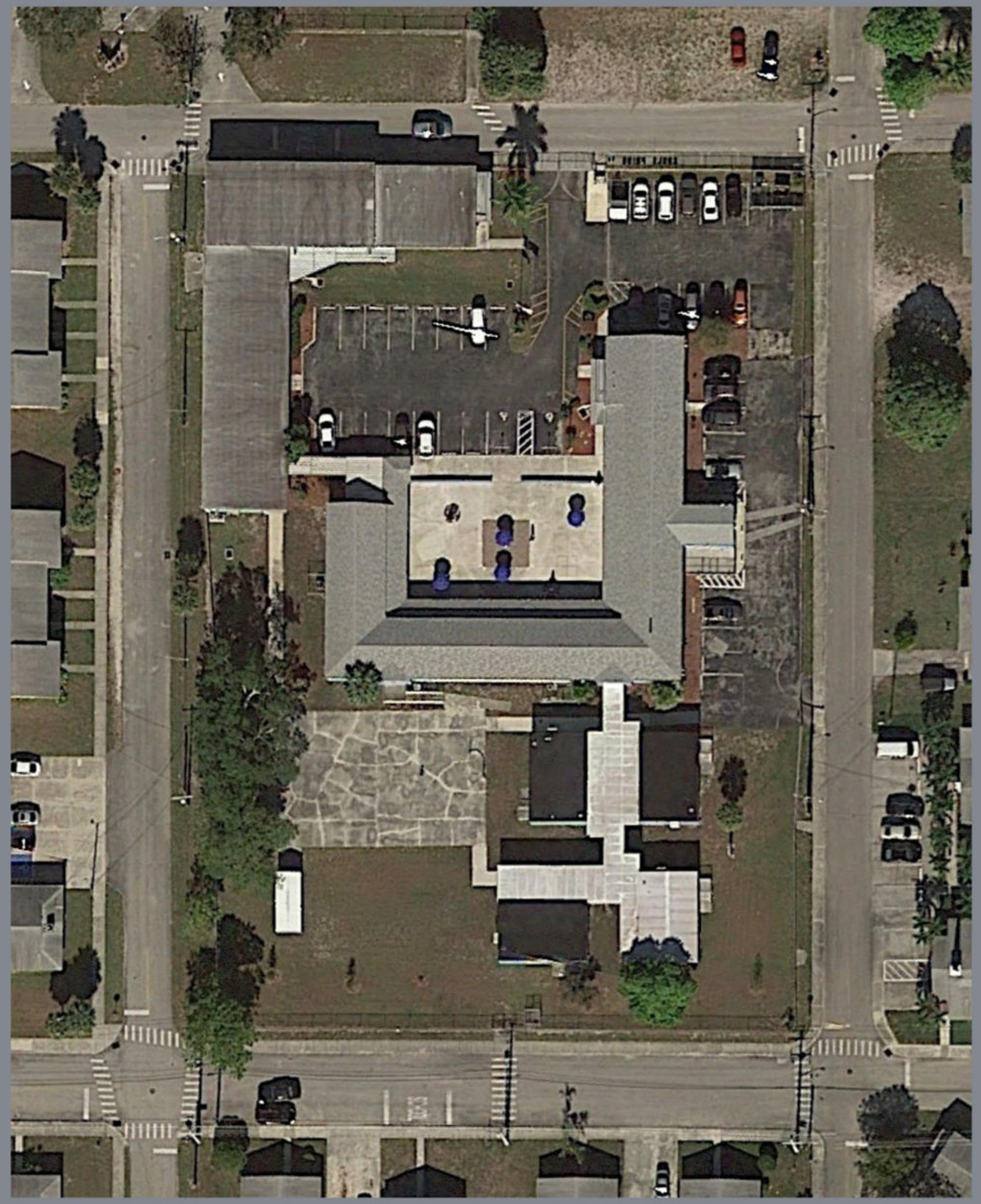
- Acts as traffic calming and lowers speeding in the neighborhood

- Useful where intersections don't line up and/or between intersections

- Safe Routes to School recommends high visibility crosswalks in or near school zones or at key crossings in neighborhoods to support safe walking routes for students.



CITY OF STUART



Satellite image



Facade colors



Streetview

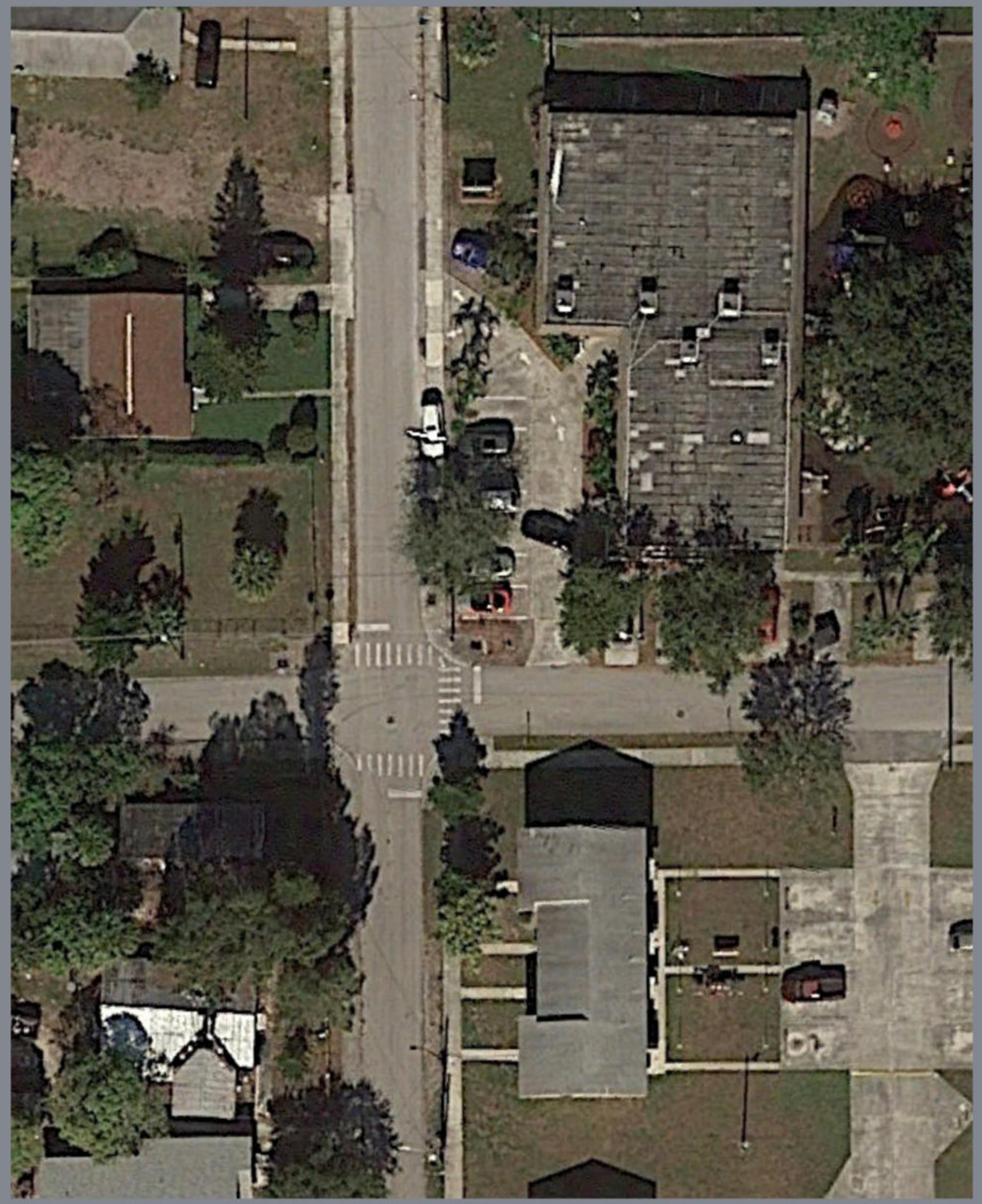


Color Scheme

SPECTRUM HIGH SCHOOL

Spectrum High School building has a distinctive colorful facade, so these colors can be used to paint the cross-walks which will visually connect the school building and the streets that surround it,

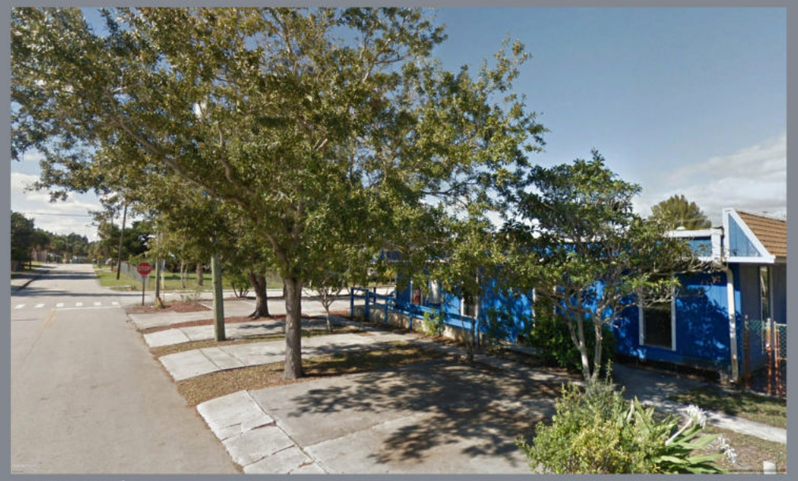
CITY OF STUART



Sattelite image



Streetview



Streetview



Color Scheme

GERTRUDE DAYCARE CENTER

Although hidden by landscaping, Getrude Daycare Center's building is painted in a vivid blue color, which might be used for painting the cross-walks in order to visually connect the building with the street and its surroundings.

The other dominant color is a darker red color that appears on the roofs and landscaping around the building.

Patterns on the crosswalks should be playful and interesting for kids which will be coming to the daycare.

CITY OF STUART

EAST STUART
HIGH VISIBILITY CROSSWALKS



HIGH SCHOOL CROSSWALKS

PATTERN #1 GEOMETRIC



Color Scheme is matching the newly painted school building
All Public Curb Ramps and Detectable Warning Surfaces shall follow FDOT Standard Plans Index 522

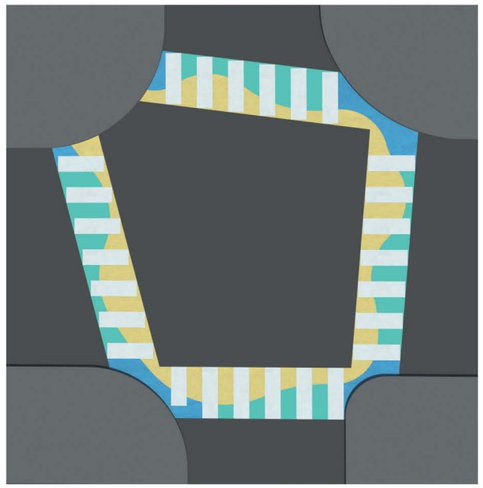
CITY OF STUART

EAST STUART
HIGH VISIBILITY CROSSWALKS



HIGH SCHOOL CROSSWALKS

PATTERN #2
WAVY



Color Scheme is matching the newly painted school building
All Public Curb Ramps and Detectable Warning Surfaces
shall follow FDOT Standard Plans Index 522

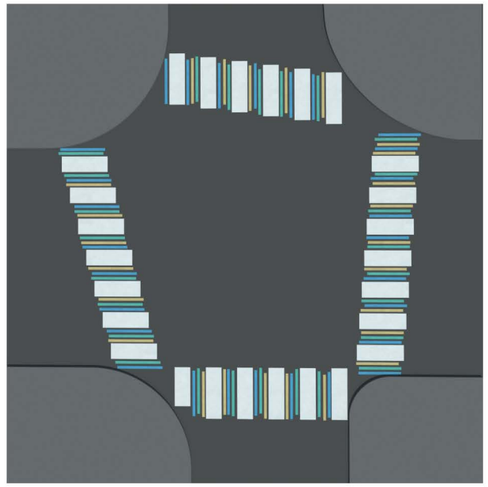
CITY OF STUART

EAST STUART
HIGH VISIBILITY CROSSWALKS

HIGH SCHOOL CROSSWALKS

PATTERN #3 STRIPES





Color Scheme is matching the newly painted school building
All Public Curb Ramps and Detectable Warning Surfaces
shall follow FDOT Standard Plans Index 522

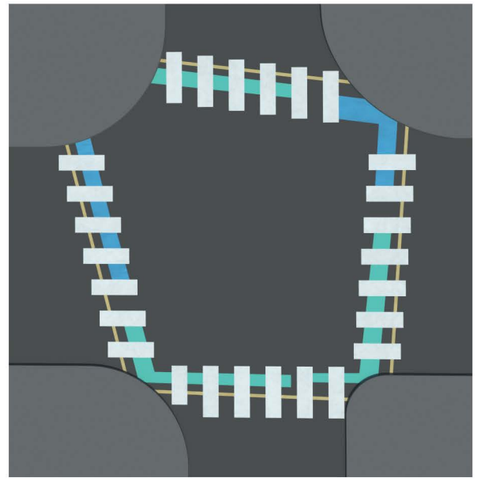
CITY OF STUART

EAST STUART
HIGH VISIBILITY CROSSWALKS

HIGH SCHOOL CROSSWALKS

PATTERN #4
LINES





Color Scheme is matching the newly painted school building
All Public Curb Ramps and Detectable Warning Surfaces
shall follow FDOT Standard Plans Index 522

CITY OF STUART



Before



After

HIGH SCHOOL and DAYCARE CENTER CROSSWALKS

PATTERN #5 TRIANGULAR

Rather than using 12" wide white stripes, we recommend using 24" wide stripes

All Public Curb Ramps and Detectable Warning Surfaces shall follow FDOT Standard Plans Index 522.

CITY OF STUART

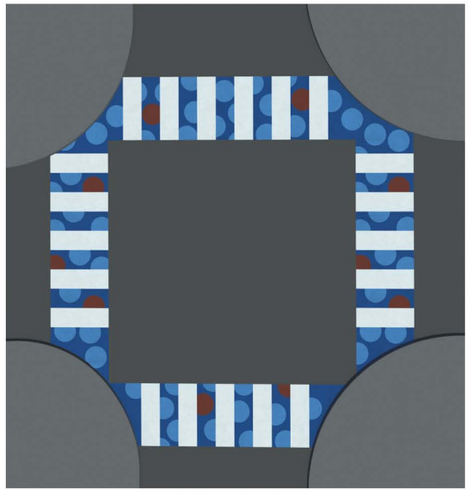
EAST STUART
HIGH VISIBILITY CROSSWALKS



DAYCARE CENTER CROSSWALKS

PATTERN #1
BUBBLES

Design utilizes 24” wide stripes with 36” spacing. “Bubbles” are to be 24” diameter circles.



Color Scheme is matching the school building
All Public Curb Ramps and Detectable Warning Surfaces shall follow FDOT Standard Plans Index 522

CITY OF STUART



Before



After

STANDARD CROSSWALKS

PATTERN #1 HERRINGBONE

Herringbone pattern includes a soldier course on either side in a gray along with 24” wide white stripes.

All Public Curb Ramps and Detectable Warning Surfaces shall follow FDOT Standard Plans Index 522.

CITY OF STUART