Study Goals

- Prioritize Miami-Dade elementary and K-8 schools for Safe Routes to School (SRTS) infrastructure improvements
- Develop SRTS plans and infrastructure improvements for 10 priority schools
- Prepare FDOT SRTS infrastructure funding applications for the 10 schools
Eligible Schools

- Number of K-5/K-8 public schools – 219
- SRTS plans complete/funding applied – 63
- Number of schools considered in 2011 - 156

Source: Safe Routes to School Guide
National Center for SRTS
## Prioritization Factors

<table>
<thead>
<tr>
<th>Factor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Juvenile pedestrian crashes</td>
<td>Five years (2005-2009)</td>
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<tr>
<td>Pedestrian and bicycle crashes</td>
<td>Five years (2005-2009)</td>
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<tr>
<td>Students living within 0.5 miles of school</td>
<td>GIS based estimates</td>
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<tr>
<td>Percent students walking</td>
<td>WalkSafe data</td>
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<tr>
<td>Traffic volume on the nearest major street</td>
<td>FDOT and Miami-Dade County data</td>
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<tr>
<td>Vehicle ownership per household</td>
<td>Miami-Dade MPO LRTP</td>
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</table>

Prioritization was based on composite rank of individual factors.
## Ten Priority Schools

<table>
<thead>
<tr>
<th>School</th>
<th>Address</th>
<th>Municipality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jesse J. McCrary Jr. Elementary</td>
<td>514 NW 77TH ST</td>
<td>Miami</td>
</tr>
<tr>
<td>Kensington Park Elementary</td>
<td>711 NW 30TH AVE</td>
<td>Miami</td>
</tr>
<tr>
<td>Linda Lentin K-8 Center</td>
<td>14312 NE 2ND CT</td>
<td>Unincorporated</td>
</tr>
<tr>
<td>Natural Bridge Elementary</td>
<td>1650 NE 141ST ST</td>
<td>North Miami</td>
</tr>
<tr>
<td>North Hialeah Elementary</td>
<td>4251 E 5TH AVE</td>
<td>Hialeah</td>
</tr>
<tr>
<td>Oak Grove Elementary</td>
<td>15640 NE 8TH AVE</td>
<td>Unincorporated</td>
</tr>
<tr>
<td>Phillis Wheatley Elementary</td>
<td>1801 NW 1ST PL</td>
<td>Miami</td>
</tr>
<tr>
<td>Phyllis Ruth Miller Elementary</td>
<td>840 NE 87TH ST</td>
<td>Miami</td>
</tr>
<tr>
<td>Santa Clara Elementary</td>
<td>1051 NW 29TH TER</td>
<td>Miami</td>
</tr>
<tr>
<td>Toussaint L'ouverture Elementary</td>
<td>120 NE 59TH ST</td>
<td>Miami</td>
</tr>
</tbody>
</table>
SRTS Plan Development

• Miami-Dade Public Schools Community Traffic Safety Team served as Study Advisory Committee

• Extensive coordination with school staff and parents through meetings and surveys

• Majority of improvements located within 0.5 miles of school
Jesse J. McCrary Jr. Elementary

• Typical improvements
  – Sidewalks and crosswalks
  – Signal upgrades

• Approximate cost - $125,000*

*Includes contingency, mobilization, maintenance of traffic, preliminary engineering, and construction engineering inspection costs.
Kensington Park Elementary

• Typical improvements
  – Sidewalks, crosswalks, and signage
  – School zone flashers

• Approximate cost - $135,000*

*Includes contingency, mobilization, maintenance of traffic, preliminary engineering, and construction engineering inspection costs.
Linda Lentin K-8 Center

- Typical improvements
  - Sidewalks, crosswalks, and signage
- Approximate cost - $170,000*

*Includes contingency, mobilization, maintenance of traffic, preliminary engineering, and construction engineering inspection costs.
Natural Bridge Elementary

• Typical improvements
  – Sidewalks, crosswalks, and signage
  – School zone flashers, speed feedback signs, and rectangular rapid flashing beacons
  – Remove pedestrian signal on NE 16 Avenue

• Approximate cost - $130,000*

*Includes contingency, mobilization, maintenance of traffic, preliminary engineering, and construction engineering inspection costs.
North Hialeah Elementary

• Typical improvements
  – Sidewalks, crosswalks, and signage
  – School zone flashers
  – Rectangular rapid flashing beacons (Enhancer)

• Approximate cost - $120,000*

*Includes contingency, mobilization, maintenance of traffic, preliminary engineering, and construction engineering inspection costs.
Oak Grove Elementary

• Typical improvements
  – Sidewalks, crosswalks, and signage
  – School zone flashers and speed feedback signs
  – Traffic signal upgrades

• Approximate cost - $200,000*

*Includes contingency, mobilization, maintenance of traffic, preliminary engineering, and construction engineering inspection costs.
Phillis Wheatley Elementary

• Typical improvements
  – Sidewalks, crosswalks, and signage
  – School zone flashers and speed feedback signs

• Approximate cost - $125,000*

*Includes contingency, mobilization, maintenance of traffic, preliminary engineering, and construction engineering inspection costs.
Phyllis Ruth Miller Elementary

• Typical improvements
  – Sidewalks, crosswalks, and signage
  – Countdown pedestrian signals

• Approximate cost - $75,000*

*Includes contingency, mobilization, maintenance of traffic, preliminary engineering, and construction engineering inspection costs.
Santa Clara Elementary

• Typical improvements
  – Sidewalks, crosswalks, and signage
  – Countdown pedestrian signals
• Approximate cost - $120,000*
Toussaint L’ouverture Elementary

• Typical improvements
  – Sidewalks, crosswalks, and signage
  – Rectangular rapid flashing beacons (enhancer)
  – Countdown pedestrian signals
• Approximate cost - $155,000*

*Cost estimate is being revised to incorporate additional improvements.
Grant Applications

• Developed per FDOT’s SRTS guidelines
• Coordinated with MDC PWD and School Board to prepare applications
• Total funding request for 10 schools is approximately $1.4 million
• Selected projects are expected to be funded during FY2017 subject to availability of federal SRTS funds