Potentially Hazardous Walking Conditions

A Preliminary Analysis of Public Elementary Schools in Palm Beach County
Methodology

- Look within two miles of school
- Refine boundary to school attendance zone
- Focus on school arrival/dismissal hours
- Identify hazards meeting criteria outlined per Section 1006.23, F.S.
Hazardous Conditions Definition per Section 1006.23, F.S.

• Parallel to road
  – Traffic volume > 180 VPH, per direction, and walking area ≤ 4 feet wide, or
  – Posted speed limit > 50 mph, and walking surface < 3 feet from road

• Per HB41, swales no longer included
Hazardous Conditions Definition per Section 1006.23, F.S.

• Perpendicular to road
  – Traffic volume > 360 VPH, per direction, and crossing site uncontrolled, or
  – Traffic intersection volume > 4,000 VPH, and crossing site uncontrolled
Hazardous Conditions Definition per Section 1006.23, F.S.

• Any uncontrolled crossings over road where:
  – Road has posted speed \( \geq 50 \) MPH, or
  – Road has \( \geq 6 \) lanes
    (not including turning lanes)
Preliminary Analysis

• Glade View Elementary, Belle Glade
• Wynnebrooke Elementary, Belvedere Rd at Drexel Rd, Unincorporated PBC
• Jerry Thomas Elementary, Jupiter
• Grove Park Elementary, Military Trl at Investment Ln, Unincorporated PBC
• Pine Grove Elementary, Delray Beach
Map Key

School location

Potentially hazardous road with > 360 VPH, per direction

Hazardous road as defined by Section 1006.23, F.S.

Hazardous intersection as defined by Section 1006.23, F.S.

Existing Crossing Guard Location

Crossing Guard Recommended
Sidewalk recommended along west side of SR 715 in this section
Sidewalk recommended along south side of Belvedere Rd in this section
Crossing guards recommended at Indiantown Rd and Center St as well as at Central Blvd and Toney Penna Dr
Summary & Next Steps

• Collaborating with partners to update the existing analysis

• Hazards likely to encounter and mitigation strategies
  – Missing sidewalks
    • Fund through FDOT, PBC Pathway Program, city funds, or MPO TA & LI Program
  – Hazardous Crossing
    • Fund guards through local govt. or warranted pedestrian signal through FDOT, PBC, or MPO LI Program
Thank You!

Anie Delgado
ADarucaud@PalmBeachMPO.org
561.478.5744