



Florida Department of
TRANSPORTATION

Florida School Zones

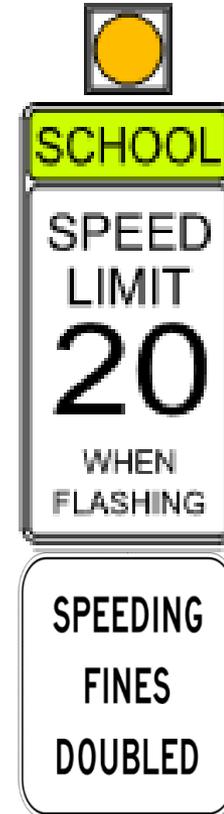
**Florida Association of County Engineers and Road
Superintendents (FACERS)**

November 30, 2016

Alan El-Urfali, P.E.

School Speed Zones

- Background
- Proposed Changes
- Schedule
- Proposed Implementation
- Discussion



Background

- Establishment of school zones in accordance with 316.1895, F.S.
- Compile, publish and transmit a manual containing specifications and requirements for all school zones.
- Establishing School Zones and School Crossings
Topic No. 750-010-027-h
- Rule 14-15.012, F.A.C (Speed Zoning Manual)
- Traffic Control Signal & Devices 316.0745, F.S.
- Inconsistency of school zone signs not meeting MUTCD or Department procedures and standards
- Speed Enforcement

Proposed Changes to Speed Zone Manual

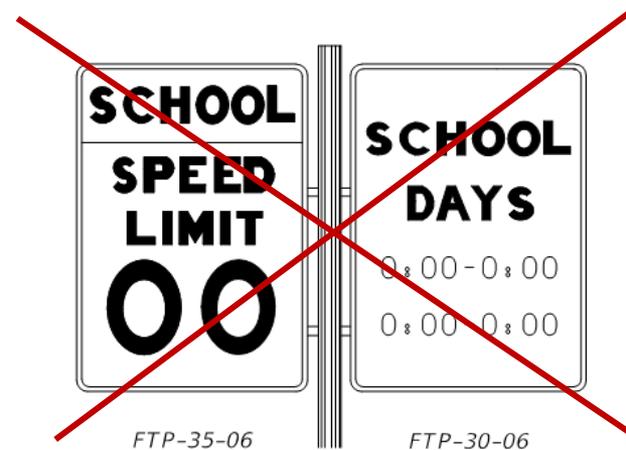
- Create new chapter for school zones within the Department's Speed Zoning Manual
- Include Statewide requirement to install flashing beacons at all school zones
- Clarify and update school zone signing and marking specifications and standards

Proposed Changes to Speed Zone Manual

- Overview of Major Signing and Pavement Marking Changes
 - Static time of day signs not permitted for school zones
 - S5-1 School Zone Flashing Beacon required



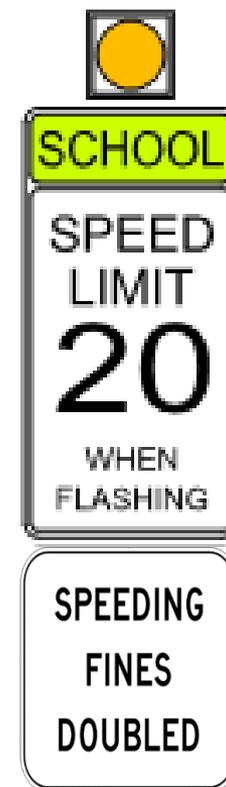
S5-1 Flashing Beacon



Static Signs Not Permitted

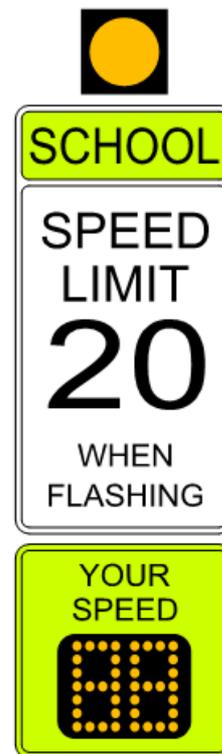
Proposed Changes to Speed Zone Manual

- Overview of Major Signing and Pavement Marking Changes
 - SPEEDING FINES DOUBLED signs
 - Placed at beginning of School Zones on same pole with S5-1 (School Sign)



Proposed Changes to Speed Zone Manual

- Overview of Major Signing and Pavement Marking Changes
 - Electronic Speed feedback signs permitted (optional)
 - Placed directly under the S5-1
 - SPEEDING FINES DOUBLED sign then placed 100' beyond the S5-1 Assembly



Proposed Changes to Speed Zone Manual

- Overview of Major Signing and Pavement Marking Changes
 - RRFBs Optional for School Crossings in School Areas without School Zones (≤ 45 mph)



Proposed Changes to Speed Zone Manual

- Overview of Major Signing and Pavement Marking Changes

- SCHOOL pavement message



- Placed at S5-1 for School Zones

Proposed Changes to Speed Zone Manual

Traffic Control Device Examples



Schedule

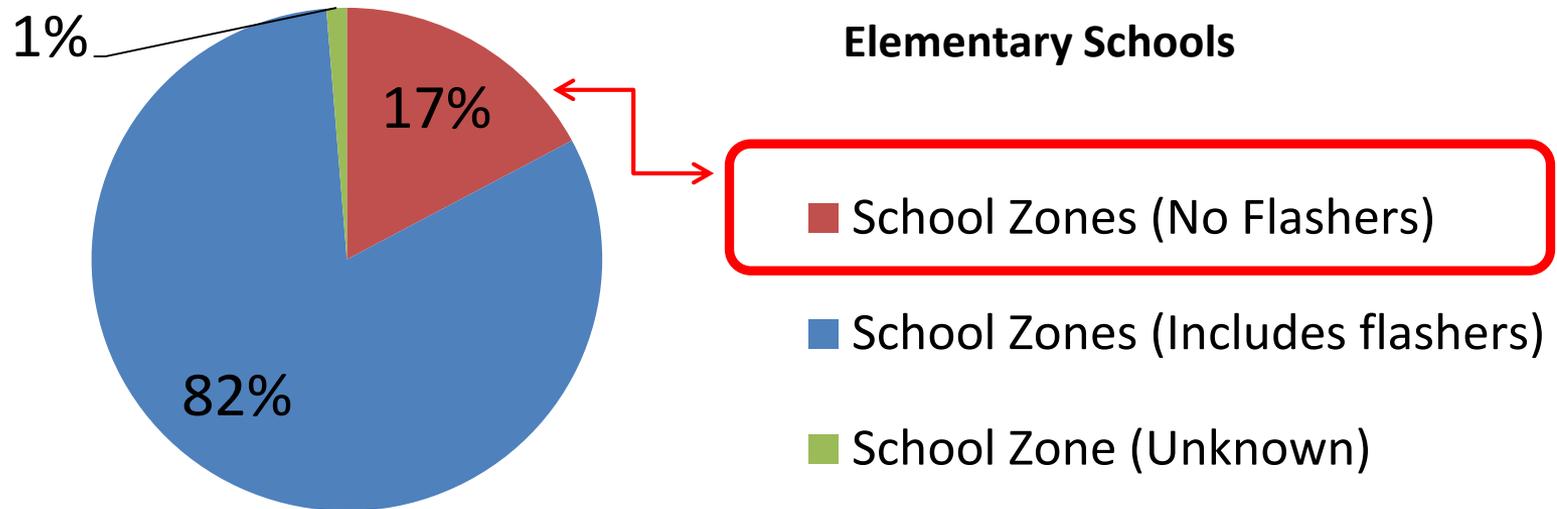
- Rulemaking Schedule:
 - Notice of Rule Development – *Submitted August 2nd, 2016*
 - Notice of Rule Making – *December, 2016*
- Coordination Schedule:
 - District Secretary Staff Meeting (Held on 10/20)
 - FSITE (FLUTECH) (Held on 11/15)
 - FACERS (11/30)
 - District Design Engineers (TBD)
 - District Program Management Engineers/ Administrators (TBD)

Proposed Implementation

- ***Total Schools Statewide (Roughly):***
 - 1,860 Elementary Schools
 - 520 Middle Schools
 - 475 High Schools
 - 375 “Other” (Charter/Private, etc.)

Proposed Implementation

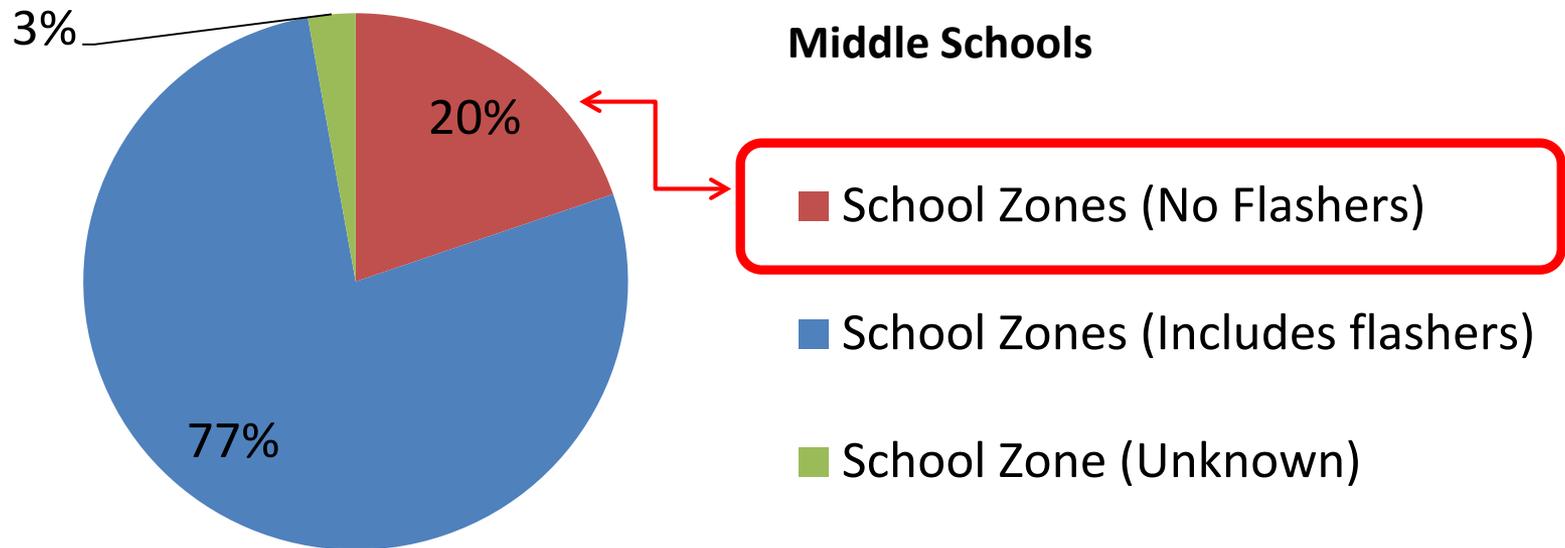
- **1,860 Elementary Schools**
 - 78% have School Zones
 - Estimated 17% of School Zones will require Flashing Beacon Upgrade



Proposed Implementation

- **520 Middle Schools**

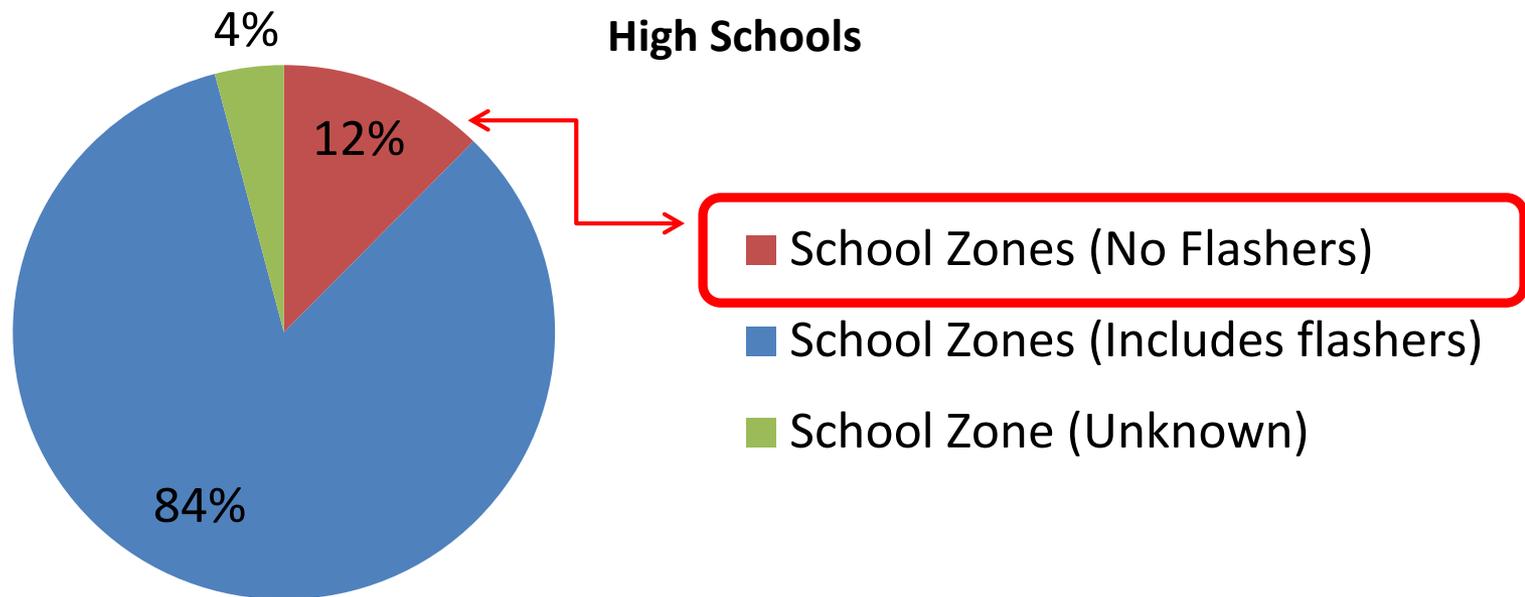
- 72% have School Zones
- Estimated 20% of School Zones will require Flashing Beacon Upgrade



Proposed Implementation

- **475 High Schools**

- 71% with School Zones
- Estimated 12% of School Zones will require Flashing Beacon Upgrade



Proposed Implementation

- Estimated 18% of existing school zones statewide require upgrade to meet new standards.
- Totals \$11.25 million in funding needed for implementation statewide.
 - Assumes 80% of flashing beacons will be roadside
 - Remaining 20% assumed overhead
- Timeframe for implementation needed.

Discussion

- Multi-Year Funding
- Supplying Devices to Local Agencies
 - Purchase by Central Office and Delivery to Local Agencies
 - Local Agencies to Install Devices
- Reasonable Timeframe for Compliance
 - 5 years from Manual adoption (July 1st, 2022)

Questions?