Design Challenges for the Safe Routes to School Program in Rhode Island

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April 27, 2018
Agenda

- Rhode Island Safe Routes to School Program Purpose
- Proposed Infrastructure Improvements at each School
- Design Challenges
Safe Routes to School Program

• Evaluation

• Education

• Encouragement

• Enforcement

• Engineering
Safe Routes to School – provide design improvements to enable children to walk or bicycle to school safely

2. Engineering Contracts

3. Elementary Schools

7. Middle Schools

8. Towns/Cities
East Providence Schools Overview

Myron J. Francis Elementary School
- Approx. 1,000 feet of sidewalk on Horsford Avenue & Wilson Avenue
- Four new pedestrian ramps
- Two new crosswalks

Kent Heights Elementary School
- Approx. 1,000 feet of sidewalk on Dover Avenue, Howland Avenue, & Wannamoisett Road
- Eight new pedestrian ramps
- Four new crosswalks
Barrington Schools Overview

**Primrose Hill Elementary School**
- Approx. 2,000 feet of sidewalk on Middle Highway
- Sixteen new pedestrian ramps
- Seven new crosswalks

**Barrington Middle School**
- Approx. 1,100 feet of sidewalk on Middle Highway, & Seven Oaks Drive
- Six new pedestrian ramps
- Four new crosswalks
Primrose Hill Elementary School Overview

Legend:
- RIGHT OF WAY/PROPERTY LINE
- SIDEWALK
- PEDESTRIAN RAMP
- TREE PROTECTION
- GRASS BUFFER

PRIMROSE HILL ELEMENTARY SCHOOL
Primrose Hill Elementary School Overview
Barrington Middle School Design Challenges

Utility Relocation, Right-of-Way, and Floodplain Compensation

LEGEND

- RIGHT OF WAY / PROPERTY LINE
- SIDEWALK
- PEDESTRIAN RAMP
- TREE PROTECTION
- TREE REMOVAL
- UTILITY POLE RELOCATION
- REMOVE FENCE
Utility Relocation, Right-of-Way, and Floodplain Compensation
Western Hills Middle School Overview

Western Hills Middle School

- Approx. 2,000 feet of sidewalk on Ambrose Street
- Eight new pedestrian ramps
- Three new crosswalks
- One new raised crosswalk
Western Hills Middle School Design Challenge

Protection of Pedestrians at Culvert
Western Hills Middle School Design Challenges

LEGEND

- RIGHT OF WAY/PROPERTY LINE
- SIDEWALK
- PEDESTRIAN RAMP
- TREE PROTECTION
- TREE REMOVAL

AMBROSE STREET

#37 #33 #31 #25 #15
Western Hills Middle School Design Challenges

Raised Crosswalk versus Water Line

Raised Crosswalk

Speed Hump

From: City of Stockton
Narragansett School Design Challenges

Hammerthrow!

From: Wikimedia Commons

From: Shrih Trading Co Pvt Ltd
Narragansett School Design Challenges

Central Street Path
Questions?