Pedestrian/Vulnerable User Safety and Design Implementation

Mark T. Johnson, P.E., MTJ Roundabout Engineering
John Hourdos, Research Associate Professor, University of MN / Director, Minnesota Traffic Observatory

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Pedestrian and Vulnerable User Safety

U.S. Pedestrian Safety Resources

Pedestrian/Vulnerable User Safety and Design Implementation

PHB and RBF

Are These Appropriate for Roundabouts?

Mid-block Crossings

NCRRF G74 Chapter 7 - Interpretation and Application Policy Implications

PBH and RBF (Bicycle- Hitter-Free) Guidelines

1) Hank

2) RBF

3) Raised Crossing

4) Wayfinding Treatment

PEDESTRIAN CROSSINGS

1) Geometrics/Minimizing Crossing Distances and Laneages

2) Safety Design Principles/Speed Control

3) Traffic Control

4) Wayfinding Treatment

5) Illumination

PEDESTRIAN CROSSINGS

Pedestrian Signage Alternatives: Traditional W11-2 vs. RT-6

1) W11-2 Signage

2) RT-6 Signage

3) Sidewalk Signage

4) Wayfinding Treatment

5) Illumination

POSITIVE DRIVER GUIDANCE

Average vehicular speeds at post crossing divided by geometry acceleration rate of 0.1 "feet" and distance to crossings - "Hop"

2) Improving Driver Messaging/Information Processing

3) Improving Driver Messaging/Information Processing

4) Improving Driver Messaging/Information Processing

CASE STUDY: 66th and Portland Aves., Richfield, MN

Summary

Pedestrian yield rates/data by John Hourdos, Research Associate Professor, University of MN / Director, Minnesota Traffic Observatory.

Problem

Summary

Sign Clutter

Improved visibility

Installation Processing

Entry curvature = 15 ft

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