# **Process for Selecting** Countermeasures at **Uncontrolled Pedestrian Crossing Locations**

This process follows the steps outlined in the Guide for Improving Pedestrian Safety at Uncontrolled Crossing Locations (FHWA-SA-17-072). Each numbered step includes multiple options and components below for agencies to consider; these options are not necessarily sequential, and the agency does not need to complete all activities within each step. Underlined text in the flowchart indicates a hyperlink to an online resource containing additional information.



- conditions
- Crash maps
- Crash reports
- » HSIP
- » HSP
- Complete Streets Vision Zero

for proposed projects

**Document** informal public comments

Conduct a walkability <u>audit</u>



Select countermeasures

#### **Review Table 1** (roadway features)

- » AADT
- Number of lanes
- » Median presence » Speed limit

## **Review Table 2** (safety issues)

- Conflicts at crossings
- » Excessive speed
- » Visibility issues
- » Other



**Analyze crash types and** safety issues

**Diagram** crash reports

Identify crash factors

Conduct an RSA

Lead an informal site visit



**Inventory conditions and** prioritize locations

**Inventory** pedestrian crossings and observed traffic behavior

Classify pedestrian crossings

**Inventory** roadway characteristics

network for high-crash or high-risk **locations** 

**Screen the** 

Controlled

Uncontrolled

Analyze "hot spots" or crash cluster locations

Develop a systemic analysis approach



Consult design and installation resources

# **MUTCD**

- » Part 2: Signs
- » Part 3: Markings » Part 4: Highway **Traffic Signals**

#### **AASHTO Guide** for the Design of Pedestrian **Facilities**

#### Local design guidance and selection criteria

- PEDSAFE
- **Guide for Improving** Pedestrian Safety at Uncontrolled **Crossing Locations**



Identify opportunities and monitor outcomes

## **Identify** implementation opportunities

- Routine maintenance activities
- » STIP

# Consider funding options

- HSIP
- Other (TAP, CMAQ, STBG)

#### Construct **improvements**

- Review design considerations
- Conduct public outreach

#### **Monitor** results of implementation

- » Track performance measures
- Obtain public feedback
- Analyze crash data

# Abbreviations:

annual average daily traffic

AASHTO American Association of State Highway and

Transportation Officials

CMAQ Congestion Mitigation and Air Quality **HSIP** Highway Safety Improvement Program

**HSP** Highway Safety Plan

MUTCD Manual on Uniform Traffic Control Devices **PSAP** Pedestrian Safety Action Plan

RSA Road Safety Audit

SHSP Strategic Highway Safety Plan STBG Surface Transportation Block Grant

State Transportation Improvement Program STIP TAP Transportation Alternatives Program





