

PEDESTRIAN SAFETY STRATEGIES

Improving Accessibility in Public
Rights of Way



Emphasis Area: Pedestrian Safety

Strategies:

1. Improve awareness and behavior
2. Reduce pedestrian crashes
3. Improve pedestrians visibility at crossing locations
4. Improve pedestrian networks
5. Improve pedestrian-involved crash reporting
6. Establish vehicle operating speeds to decrease crash severity
7. Develop strategic pedestrian safety plans tailored to local conditions

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Reduce Pedestrian Crashes (Strategy 2)

- 2A - Research the distance needed between safe pedestrian crossings

- 2B - Implement pedestrian oriented design treatments at high-volume pedestrian activity locations

Improve Pedestrian Visibility (Strategy 3)

3A – Improve nighttime visibility

3B? – Improve overall visibility

Improve Pedestrian Networks (Strategy 4)

- 4A – Incorporate pedestrian considerations in planning
 - 1. Inventory pedestrian facilities
 - 2. Review existing plans
 - 3. Prioritize locations based on gaps, transit routes, community input
 - 4. Secure funding
 - 5. Design projects
 - 6. Construct improvements
 - 7. Develop public education materials

** Improve overall pedestrian design

Data Collection – Sidewalks, Transit Stops, Traffic Signals

Detailed Evaluation:

Sidewalks (and curb ramps)

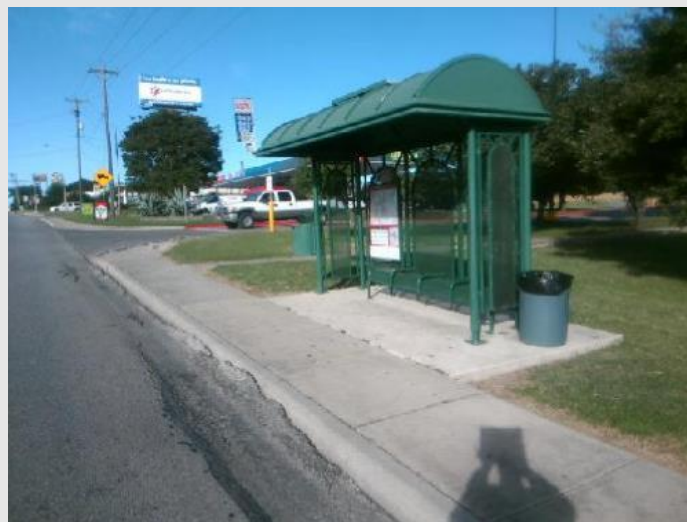
Transit Stops

- Boarding Areas
- Connectivity to street/sidewalk system

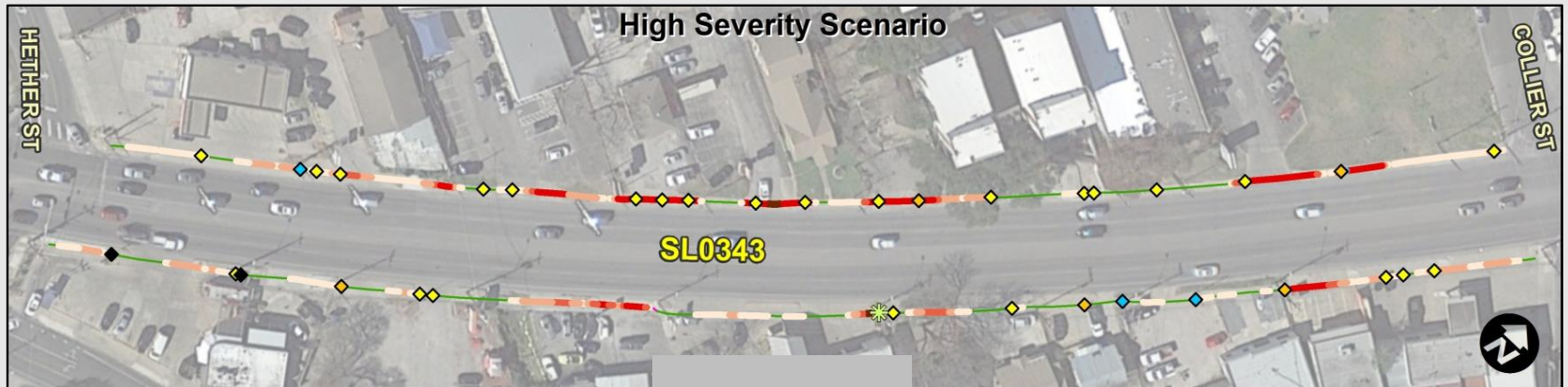
Pedestrian Push Buttons

- Compliance with ADA / MUTCD
- Mounting height
- Landing and clear space
- Presence of APS

Map Bicycle Routes



GIS Mapping Capabilities



Legend

◆ Heaving < 1 in	◆ Traffic Signal Obstruction	Running Slope	Cross Slope	— ULIP Collection Path
◆ Heaving >= 1 in	◆ Utility Obstruction	5 - 8.33%	2 - 3%	
— Heaving Clusters	◆ Other Fixed Obstruction	8.34 - 10%	3.01 - 4%	
◆ Joint Gaps	◆ Overhead Vegetation Obstruction	10.01 - 12.5%	4.01 - 5%	
	◆ Low Vegetation Obstruction	12.51% +	5.01% +	



▪ Activity Score Criteria

- Government Buildings
- Schools
- Medical Services
- Census – Percent Disabled
- Census – Employee Density
- Census – Ped/Bike/Transit Commuters
- Transit Stops
- No Transit Service multiplier?
- 3 Open categories for District customization



CONTACT INFORMATION

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