Law Enforcement Training on Bicycle & Pedestrian Laws in Texas

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Presentation Overview

- Crash Trend in Texas
- How we developed our program:
  - Contributing factors of crashes
  - Law Enforcement Survey
- Roll-call video
- Training workshops/feedback
- Law enforcement perspective
- Crash scenarios
Crash Trend in Texas

Pedestrian & Bicyclist Fatality Trends
## Top Bicycle Crash Contributing Factors

<table>
<thead>
<tr>
<th>Contributing Factors of Motorists</th>
<th>Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driver Inattention</td>
<td>1,329</td>
<td>24.7%</td>
</tr>
<tr>
<td>Failed to Yield Right of Way to Bicyclist</td>
<td>731</td>
<td>13.6%</td>
</tr>
<tr>
<td>Failed to Yield Right of Way at Stop Sign</td>
<td>473</td>
<td>8.8%</td>
</tr>
<tr>
<td>Failed to Yield Right of Way Turning Left</td>
<td>462</td>
<td>8.6%</td>
</tr>
<tr>
<td>Failure to Control Speed</td>
<td>344</td>
<td>6.4%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contributing Factors of Bicyclists</th>
<th>Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Failed to Yield Right of Way to Motorist</td>
<td>873</td>
<td>15.7%</td>
</tr>
<tr>
<td>Bicyclist Inattention</td>
<td>513</td>
<td>9.3%</td>
</tr>
<tr>
<td>Disregard Stop Sign or Light</td>
<td>363</td>
<td>6.5%</td>
</tr>
<tr>
<td>Failed to Yield Right of Way at Stop Sign</td>
<td>325</td>
<td>5.9%</td>
</tr>
<tr>
<td>Disregard Stop and Go Signal</td>
<td>303</td>
<td>5.5%</td>
</tr>
</tbody>
</table>
### Top Pedestrian Crash Contributing Factors

#### Contributing Factors of Motorists

<table>
<thead>
<tr>
<th>Major Contributing Factors</th>
<th>Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Failed to Yield Right-of-Way to Pedestrian</td>
<td>4,276</td>
<td>31.4%</td>
</tr>
<tr>
<td>Driver Inattention</td>
<td>2,228</td>
<td>16.4%</td>
</tr>
<tr>
<td>Failed to Control Speed</td>
<td>889</td>
<td>6.5%</td>
</tr>
<tr>
<td>Failed to Drive in Single Lane</td>
<td>440</td>
<td>3.2%</td>
</tr>
</tbody>
</table>

#### Contributing Factors of Pedestrians

<table>
<thead>
<tr>
<th>Major Contributing Factors</th>
<th>Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Failed to Yield Right-of-Way to Motorist</td>
<td>10,320</td>
<td>85.2%</td>
</tr>
<tr>
<td>Had Been Drinking</td>
<td>601</td>
<td>5.0%</td>
</tr>
<tr>
<td>Under the Influence</td>
<td>529</td>
<td>4.4%</td>
</tr>
<tr>
<td>Pedestrian Inattention</td>
<td>104</td>
<td>0.9%</td>
</tr>
</tbody>
</table>
Bicyclists have the same rights and duties as a motor vehicle on Texas Roadways. | TRUE: 42 | FALSE: 1 |
--- | --- | --- |
A bicyclist is required to use a bike light at night. | TRUE: 42 | FALSE: 1 |
If there is a bike lane present the bicyclist must use it. | TRUE: 27 | FALSE: 16 |
In Texas when a motor vehicle is passing a bicyclist, what is the statewide legal passing distance a motorist must allow between their vehicle and a bicyclist? | 3 feet: 19 | 6 feet: 5 | A safe distance: 19 |
Which of these pictures contain crosswalks?

<table>
<thead>
<tr>
<th></th>
<th>Upper Left</th>
<th>Right</th>
<th>Upper Left &amp; Right</th>
<th>All Three</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>1</td>
<td>33</td>
<td>8</td>
</tr>
</tbody>
</table>
If this pedestrian chose to cross the street here, who would have the right-of-way, the pedestrian or the motorists?

<table>
<thead>
<tr>
<th></th>
<th>Motorists</th>
<th>Pedestrian</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>42</td>
<td>1</td>
</tr>
</tbody>
</table>
What we Focused on in the Video and Curriculum

- Driver/Bicyclist Inattention
- Right-of-way
- Bicyclists following rules of the road
- Bike lane use
- Passing distance
- Unmarked Crosswalks
Training Workshops

- Two training sessions (available via WebEx)
- Post-training knowledge assessment
  - 85% average score
  - 87% satisfied with the content
  - 93% satisfied with the instructors
- Curriculum Updates
  - Example scenario’s
  - Where and how to target enforcement
Law Enforcement Perspective

- Competing priorities
- Champion within the agency
- Requirement for more training
- Tie training to funding
- Education is still important – law enforcement can’t do it all
Bicycle Crash Example #1

Bicyclist on the Sidewalk

- What happens when they get to an intersection or driveway?
- Do they have the rights of pedestrians if their on the sidewalk?
Bicycle Crash Example #2

Shared Use Paths

- Yield sign for bikes crossing, driver has right-of-way.
- Crosswalk for pedestrians gives them right-of-way.
Pedestrian Crash Example #1

Unmarked Crosswalks

- Stop sign in only one direction
- No marked crosswalks
Pedestrian Crash Example #2

Determining Right of Way

- Pedestrian enters intersection after walk signal has begun countdown
- Car turning left on green light (not green arrow)
Thoughts? Questions?

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