ANALYZING MINNEAPOLIS BICYCLIST-MOTORIST CRASHES

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Bicyclist-Motorist Crash Trends

Minneapolis Bicyclist-Motorist Crashes by Year (1993 to 2008)*

*as reported to Minneapolis Public Works, from the MPD and Minneapolis Park Police

![Bar chart showing Bicyclist-Motorist Crash Trends from 1993 to 2008]
Motorist Failure to Yield: 44%

Images: http://www.bicyclinginfo.org/facts/pbcat/bike_images.cfm
Cyclist riding on the sidewalk: 33%
Motorist left turn error: 19%

Images: http://www.bicyclinginfo.org/facts/pbcat/bike_images.cfm
Motorist right turn error: 15%

Images: http://www.bicyclinginfo.org/facts/pbcat/bike_images.cfm
Cyclist ran red light/stop sign: 12%

Images: http://www.bicyclinginfo.org/facts/pbcot/bike_images.cfm
Other Crash Factors

- Cyclist Failure to Yield: 12%
- Motorist entering traffic: 10%
- Cyclist going the wrong way: 8%
- Motorist passing error: 6%
- Cyclist passing error: 4%
- Cyclist loss of control: 2%
- Motorist ran red light/stop sign: 2%
- Motorist opened car door: 0%
Crashes in Bike Lanes

Map prepared by Jesse Sonju for Minneapolis Public Works
Crashes on Lake Street

- 2006 - 2008: 51 crashes
- Cyclist riding on the sidewalk: 60%
- Motorist failure to yield: 60%
- Motorist right turn error: 20%
- Motorist left turn error: 16%
- Cyclist ran red light/stop sign: 10%

Map prepared by Jesse Sonju for Minneapolis Public Works
Crashes on Franklin Avenue

- 2006-2008: 52 crashes
- Cyclist riding on the sidewalk: 40%
- Motorist failure to yield: 67%
- Motorist left turn errors: 35%
- Motorist right turn errors: 20%
- Cyclist ran red light/stop sign: 6%

Map prepared by Jesse Sonju for Minneapolis Public Works
Bicycle Detection

Conflict Zones

http://www.portlandonline.com/shared/cfm/image.cfm?id=58895
Bike Boxes

http://www.flinttrading.com/
Bicycle Traffic Signals

Image: Alta Planning, Cycle Tracks: Lessons Learned
Questions?

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