2018 BICYCLE & PEDESTRIAN CRASH ANALYSIS

Need & Purpose

- Persistent rise in bicycle and pedestrian crashes and fatalities both locally and nationally
- St. Louis is a Safety Focus City and both Missouri and Illinois are Focus States
- FAST Act requires established performance measures and targets, including non-motorized serious injuries and fatalities
- Informational tool for our regional partners and local public agencies to inform their decision-making and transportation planning processes

Data & Methodology

- Based on police crash report data for years 2011-2015
  - *Data limitations*
  - *Unreported crashes*
  - *Differences between states*
- Environmental Justice
- 2017 Bicycling & Walking Survey Results

Bicycle Crash Analysis: Key Findings

Bicycle Crash Locations

Bicycle Crashes, Over 65 Years of Age Per Square Mile

Pedestrian Crash Analysis: Key Findings

Pedestrian Crash Locations

Pedestrian Crashes, Under 18 Years of Age Per Square Mile

Strategies

- Shares proven and recommended FHWA strategies and countermeasures to make roadways safer
- Focuses on the Four E's of roadway safety: education, emergency medical services, enforcement, and engineering
- Strategies and countermeasures in both documents are a summary of strategies listed in Illinois and Missouri's strategic highway safety plans, the city of St. Louis' Pedestrian Safety Action Plan and the Federal Highway Administration's website.

Funding, Resources & Next Steps

- Lists possible state and federal funding sources
- Provides resources for sponsors to gather more information on bicycle and pedestrian safety
- Additional resources for bicycle and pedestrian safety can be found on EWG's website
- Plan to update data every three years with detailed reports being released intermittently between the updates
- Ideas for detailed reports are welcome

Bicycle Planning Guide

- Released June 2018
- Background on level of stress, types of bicyclists, connectivity
- Types of bicycle facilities
- Additional planning & design resources

Questions?

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