The Complete Streets Design Charrette
Session 35

2017 Towards Zero Deaths Conference
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Workshop Agenda

Context & Community Vision
- Consider community context & stakeholders
- Identify context segments
- Understand activities by mode

Understand the Problems
- Identify issues by mode
- Identify opportunities by mode
- Determine multimodal needs

Multimodal Traffic Evaluation
- Use multimodal levels of service
- Use a range of performance measures
- Use multimodal checklist

Alternatives
- Understand emerging guidance
- Develop design alternatives
- Evaluate alternatives

Intersections
- Develop intersections design concepts
- Evaluate concepts
Mobility vs. Speed

- **Speed**: Measurement of how fast you are moving

- **Mobility**: Measuring if you are moving
  - **Travel**: Moving from point A to point B, (such as a trip to work)
  - **Circulating**: Moving around a community (stopping for gas, banking and groceries)
  - **Access**: Moving into a destination (You park, get off the bus or park your bicycle and walk into your destination)
Safety Performance Viewpoints

**Objective Safety** refers to the number and severity of crashes occurring on a particular facility in a particular time period.

**Nominal Safety** refers to compliance with standards, warrants, guidelines and sanctioned design procedures.

**Subjective Safety** refers to the user's perception of how safe a facility feels.

**Substantive Safety** is the expected crash frequency and severity for a roadway.

Subjective Safety: Safe Speeds

![Graph showing risk of severe injury vs. impact speed](image-url)
Session 3 / Understanding the Problems

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