Existing Conditions: Locations of Non-Motorist/Motorist Accidents (2001 - 2005)

Legend:
- Bike Path
- Designated Bike Route, Signed
- Designated Bike Route, Unsigned
- Exclusive Non-motor Path
- Rail Trail
- Road with Marked Bike Lane
- Widened Shoulder
- Widened Sidewalk
- Accident Locations
- Lansing City Boundary
- Past Lansing City Boundary
- Roads

MLK BLVD.
Schools

Lansing School District

- 16,000 Students
  - 60% are not bused to school

- Schools with 80% or more non-bused
  - Mostly elementary schools
  - Areas of high poverty
Existing Conditions: Schools with Over 80% of Students Not Bused

Legend:
- Schools w/ > 80% Busing
- Average Number of Households Living in Poverty:
  - <15%
  - >15%
- 2000 Census Tract Boundaries
- Lansing Boundary
- East Lansing Boundary
- Existing NMT Facilities (Including Widened Sidewalks)
- Road

Data from 2000 Decennial Census SF3, TCRPA, Lansing Public School District
Making a plan

1. How to go about creating an NMT plan
2. Recommendations for policy to be included in a plan
How to...

Existing Conditions:

- GIS Inventory
  - Facilities and conditions
    - Bicycle parking
    - Sidewalks
    - Bike paths
    - On-road lanes
How to...

Existing Conditions:

- Electronic database tracking accidents
  - Stored for easy access
  - Improve understanding of recurrent threats to pedestrians and bicyclists
How to...

Existing Conditions:

• Survey community sentiment and NMT usage
  • Current perceptions of Lansing NMT
  • Areas of concern
  • Means for improvements
How to...

Implementation:
• Design Guidelines – determine specifics
• GIS maps – where located & locating
• Timeline consistent with TCRPC Long Range Plan & MDOT 5-year plan
Policy Recommendations

Design Guidelines:

• Road Diets
  • 4 lanes reduced to 3 lanes + bike lanes
  • Pedestrian safe
  • Slows speeds
Road Diets:
Policy Recommendations

Design Guidelines:

• Bicycle Parking Facilities Map
• Location awareness
Policy Recommendations

Education and Encouragement:

• Safe Routes 2 School (SR2S)
  • Regular physical activity & good health
  • Unite youth in neighborhoods
  • Lansing: Bingham Elementary School
Policy Recommendations

Education & Encouragement

• Walking School Bus
• Bike to Work
  • Annual event – attracts thousands
  • Inform participants about existing infrastructure
Thank You from the...

Lansing Non-motorized Transportation Team