National Institute for Transportation and Communities (NITC)

UTC SAFETY SUMMIT
MARCH 19-20, 2015
Our NITC Partners

Portland State University
University of Oregon
Oregon Institute of Technology
University of Utah
University of South Florida
Safe, healthy, and sustainable transportation choices to foster livable communities

- Improve health for all users
- Increase the efficiency and understanding of bicycle, pedestrian and transit modes
- Make the best use of data, performance measures, analytical tools and new technologies
- Integrate multimodal transportation and land use
- Take long-term action on transportation emissions and climate change
Non-motorized safety

- Evaluation of new, innovative facilities
  - Bike boxes
  - Separated bike lanes (aka cycle tracks)
  - Flashing yellow arrow
  - Design treatments for right turns at intersections with bicycle traffic
  - Arterial safety

- Methods used
  - Video observation
  - Crash data
  - Surveys (safety perceptions)
  - Simulator (with Oregon State)
Additional safety research

- Pedestrian & bicycle exposure data
  - Pedestrian and bicycle count data archive
  - Video sensing
  - Estimating bicycle miles traveled

- Transit
  - Bus safety performance
More information

- nitc.us
- Includes all UTC projects (OTREC and NITC)