Transportation Planning Division

UCF Area Pedestrian Safety Study

CORE GROUP KICK-OFF MEETING

October 6, 2014
Orange County’s Pedestrian Safety Initiative

- Countywide Safety Initiative
  - Community Outreach/Coordination
  - Comprehensive Assessment
  - Context Appropriate
UCF Area Pedestrian Safety Study

- Study Scope
  - Previous Studies
  - Data Collection
  - Evaluate/Assess Options
  - Solutions

- Moving Forward

- Schedule
Previous Studies
UCF Area Pedestrian Safety Study

Study Area

- Alafaya Tr
- Challenger Pkwy
- McCulloch Rd
- North Orion Blvd
- University Blvd
- Rouse Rd

Distances:
- 1 Mile
- 2.6 Miles

Image description:
- Map showing various streets and distances.
- UCF logo at the bottom left.
- Title in the top left corner.
UCF Area Pedestrian Safety Study

Core Group

- Orange County
- University of Central Florida
- Florida Department of Transportation
- MetroPlan Orlando
- LYNX
- Central Florida Research Park
- Bike/Walk Central Florida
- UCF Major Residential Complexes
Purpose and Goal

- Improve and Enhance Pedestrian and Bicycle Safety
  - Existing Conditions
  - Identify Safety Concerns
  - Evaluate Potential Solutions
  - Recommend Solutions
  - Implementation Plan
UCF Area Pedestrian Safety Study

Land Uses
UCF Area Pedestrian Safety Study

Land Uses – Central Area

Major Land Uses
Housing
Lodging
Office
Retail / Restaurant
Rec / Sports / Other

Study Area
UCF Area Pedestrian Safety Study

Land Uses – North Area
UCF Area Pedestrian Safety Study

Crash Data
UCF Area Pedestrian Safety Study

Initial Crash Data

- Signal Four Analytics - FHP
- Generalized & Detailed Crash Data
- Crashes 2006 to Present
- Initial Review of Crash Data and Trends
## UCF Area Pedestrian Safety Study

### Pedestrian & Bicycle Crashes

#### All Crashes

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* through July 23, 2014

#### Crashes with Fatalities

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UCF Area Pedestrian Safety Study

Pedestrian & Bicycle Crashes

Crashes By Type

- Bicycle: 59%
- Pedestrian: 41%
UCF Area Pedestrian Safety Study

Historic Crash Locations Central Area

Crashes by Type
- Pedestrian Fatality
- Pedestrian Injury Area
- Bicyclist Injury Area
- Study Area

Historic Crash Locations
Pedestrians and Bicycles
(2006 - 2014)
Moving Forward
Moving Forward

- Extensive Traffic Data Collection Plan
  - During Weekdays, Friday Evening (8 pm – Midnight) & UCF Game Day (Sat)
  - Strategic Locations (Land Use & High Crash Locations)
  - Coordination with UCF Police & Orange County Sherriff
UCF Area Pedestrian Safety Study

Observation Points – South Area

[Map showing observation points in the South Area of UCF with markers for Study Area, Traffic Observation Points, and intersection observation points.]
Observation Points – Central Area

Traffic Observation Points
- Intersection Observation Point
- Mid-block Observation Point
- Study Area
Observation Points – North Area
Moving Forward

- Many Strategies and Options
Moving Forward
- Pedestrian Bridges
- Pedestrian Islands
Moving Forward
- Midblock Crossings
- Pedestrian Signals
Moving Forward

- Road Diet
- Intersection Modification
Moving Forward
- Bike Lanes
- Multipurpose Trails
Additional Stakeholders

- Other Student Residential Complexes
- UCF Bicycle Advocate (MetroPlan Orlando BPAC)
- UCF – Fraternity & Sorority Life
- Siemens
- Tech Center
- College Station
- University Commons
- Weeks Plaza
- Collegiate Square
- Others?
## UCF Area Pedestrian Safety Study

### Schedule

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Moving Forward
Group Input & Questions