Los Angeles County
Metropolitan Transportation Authority

First/Last Mile Strategic Plan

Planning Guidelines
Background

- Joint effort between Metro and SCAG to meet the requirements of the Regional Transportation Plan/Sustainable Communities Strategy

- Implements
  - Metro Countywide Sustainability Planning Policy
  - SCAG/Metro Joint Work Program

- Metro Board adopted the First/Last Mile Strategic Plan in April 2014
Project Purpose

- Develop a Metro First-Last Mile Strategic Plan to achieve multiple objectives:
  - Expand the reach of transit through infrastructure improvements.
  - Maximize multi-modal benefits & efficiencies.
  - Guide strategic investment - provide basis for seeking additional capital funds.
Transit Access Characteristics

**Metro Rail/BRT Access**

- **91%** Walk, Bike, Roll, and Take Buses to Stations
  - Active Transportation Networks
  - 2011 Metro On-Board Survey

- **9%** Drive & Park or Dropped-Off at Stations
  - Roads & Parking Facilities

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<th>VMT</th>
<th>GHG</th>
<th>Calories Burned</th>
<th>Cost</th>
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Observed Access Barriers

- Safety and Security
- Maintenance
- Legibility
Observed Access Barriers

ROW Availability and Allocation

Long Blocks

Freeways
First/Last Mile Strategy

- Respond to the challenges faced by transit users with a focused infrastructure improvement strategy, “the Pathway”
- Path networks increase speed of active travel, reduce point to point distances, and support multimodal transfer activity.
First/Last Mile Planning Methodology

- Site Area Definition
- Analyze Existing Conditions
- Layout Pathway Network
First/Last Mile Planning Methodology

• Site Area Definition

  – Identify route and station (Rail, BRT, Bus, etc)

  – Access sheds per FTA Policy Statement

    • ½-mile for pedestrians

    • 3 miles for bicyclists
First/Last Mile Planning Methodology

- Analyze Existing Conditions

Access Sheds

Transit Lines

Key Destinations

Bike Routes

Collision Data

Access Volumes

High Speed Roads

Land Use
First/Last Mile Planning Methodology

- Analyze Existing Conditions
  - Develop Overlay Map
  - Determine walking and bicycling routes
  - Conduct Station Survey
    - Safety
    - Aesthetics
    - Accessibility
First/Last Mile Planning Methodology

• Layout Pathway Network
  – Locate Pathway Arterials
  – Locate Pathway Collectors
  – Identify Site Specific Constraints and Opportunities
  – Evaluate Network
  – Refine Pathway Network
First/Last Mile Planning Methodology

- Pathway Network and Improvements

*Illustrative purposes only*
Thank You

Questions or Comments Contact:

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Plan Website:

http://media.metro.net/docs/sustainability_path_design_guidelines.pdf