

# First/Last Mile Strategic Plan

## Planning Guidelines



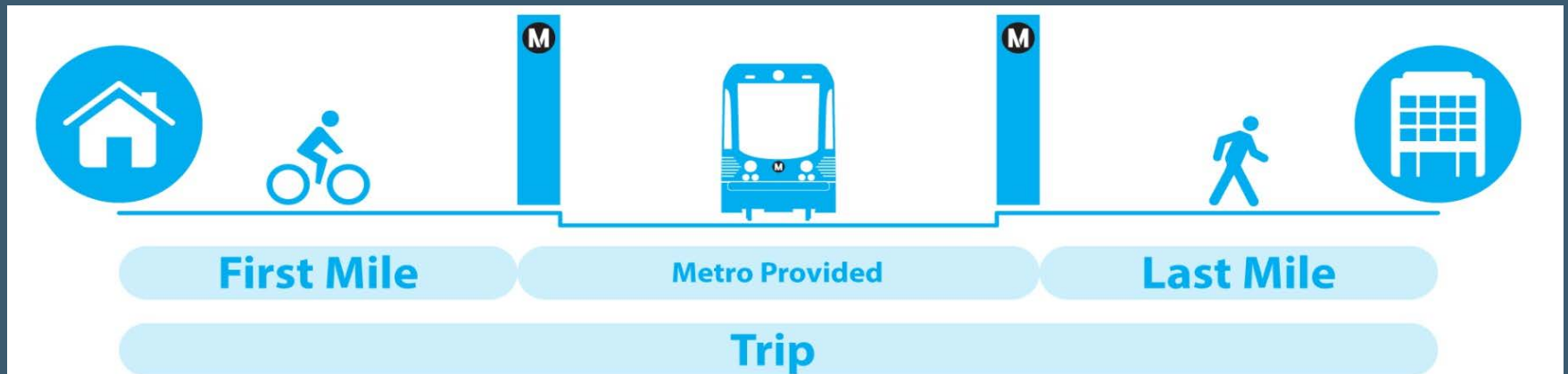
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# Background

- 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

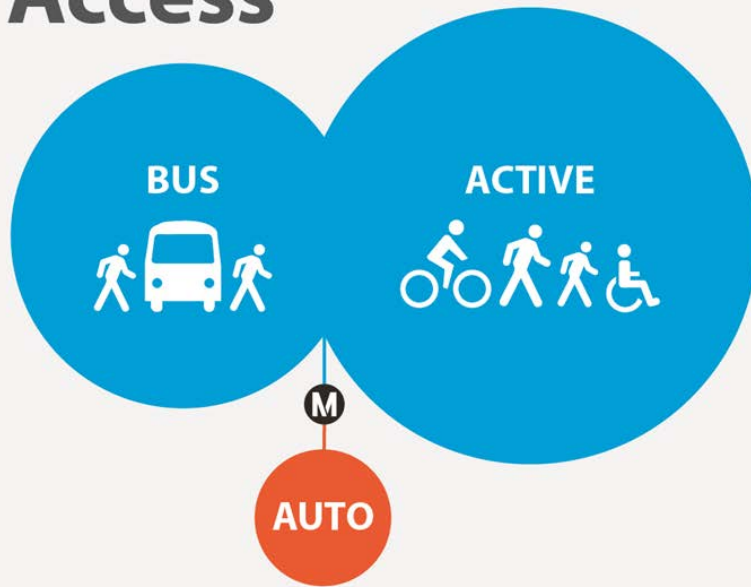
# Project Purpose

- **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**

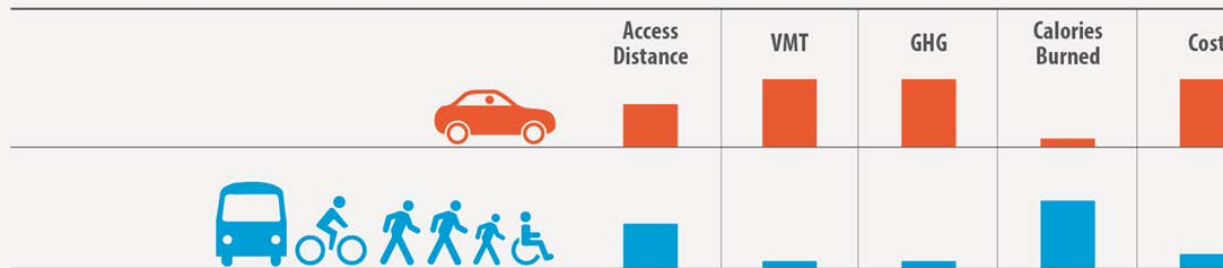
Active Transportation Networks  
2011 Metro On-Board Survey



**9%**

**Drive & Park  
or Dropped-Off at Stations**

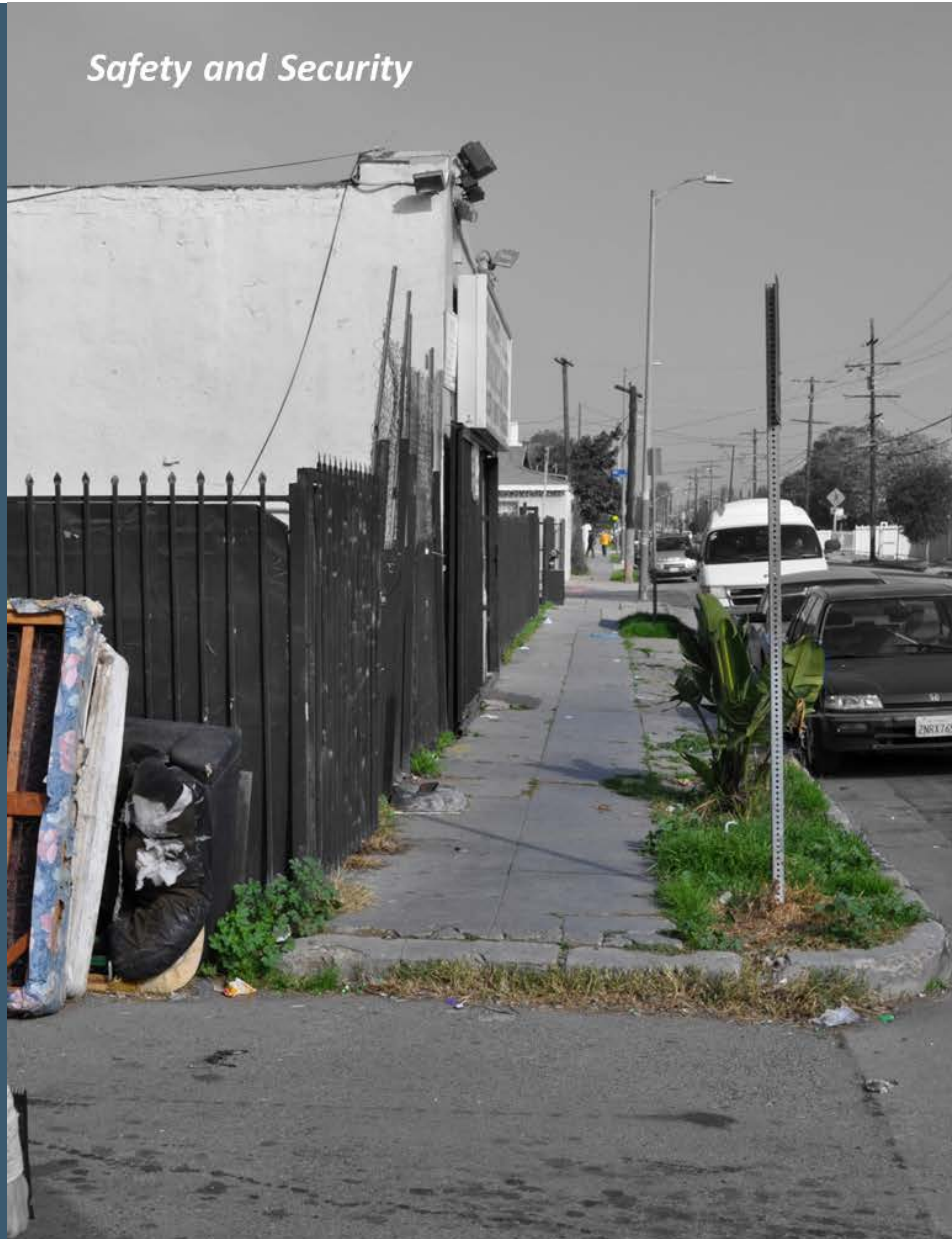
Roads & Parking Facilities



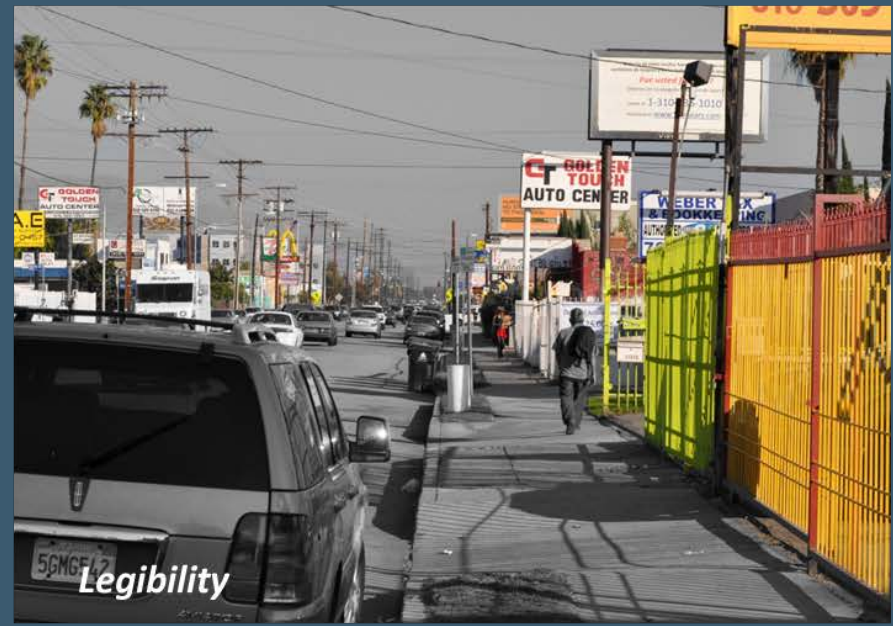
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# Observed Access Barriers

*Safety and Security*



*Maintenance*

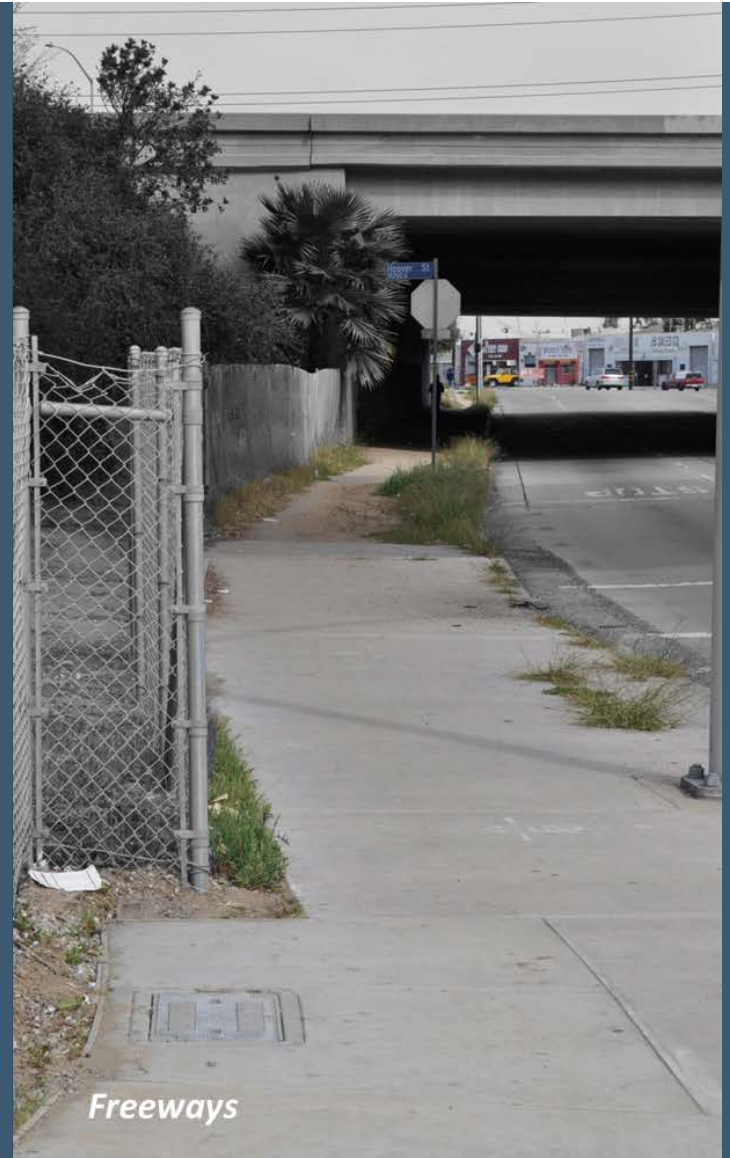
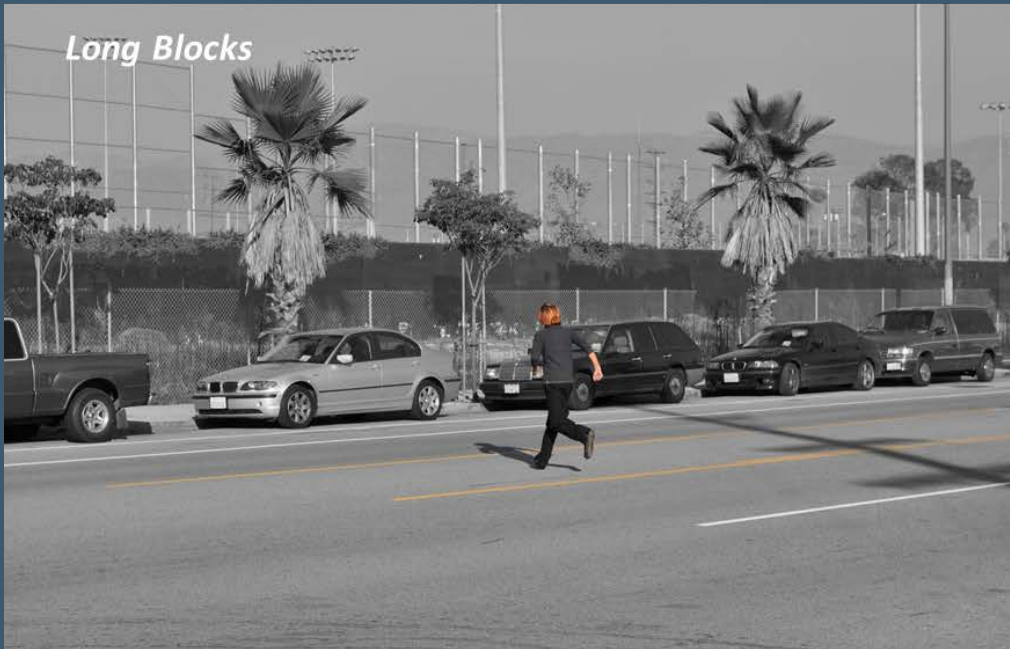


*Legibility*

# Observed Access Barriers

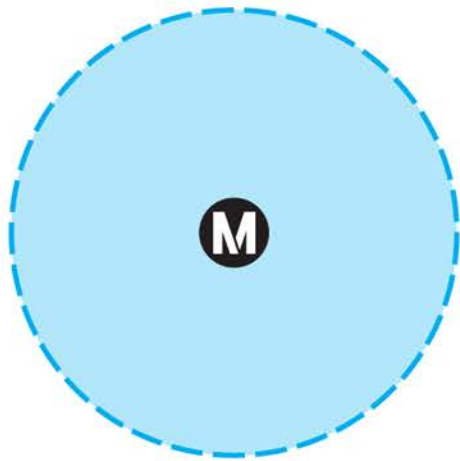


*Long Blocks*

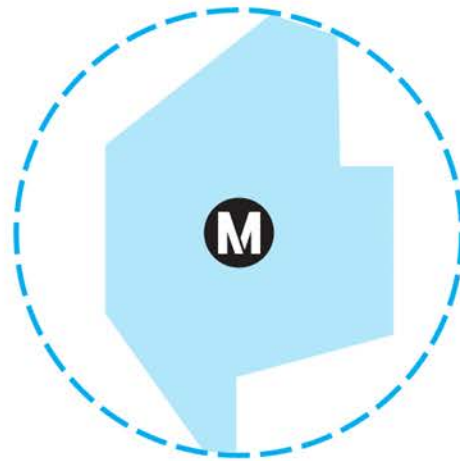


# First/Last Mile Strategy

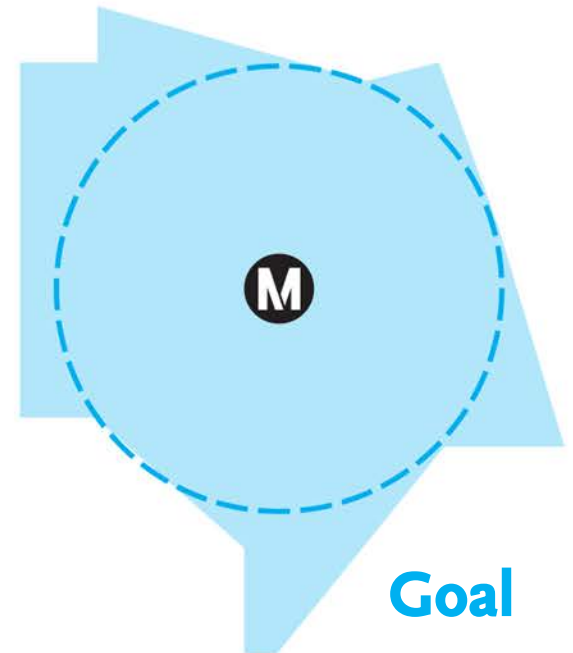
- Respond to the challenges faced by transit users with a focused infrastructure improvement strategy, “the Pathway”
- Path networks increase speed of active travel, reduce point to point distances, and support multimodal transfer activity.



**Policy**



**Reality**



**Goal**

# First/Last Mile Planning Methodology

- **Site Area Definition**
- **Analyze Existing Conditions**
- **Layout Pathway Network**

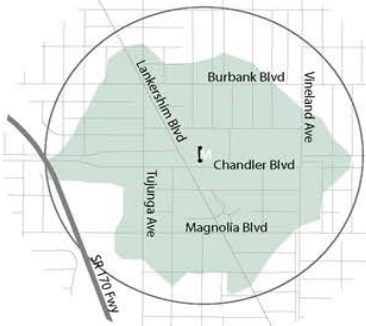


# First/Last Mile Planning Methodology

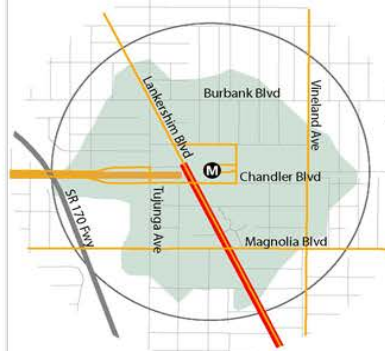
- **Site Area Definition**
  - Identify route and station (Rail, BRT, Bus, etc)
  - Access sheds per FTA Policy Statement
    - ½-mile for pedestrians
    - 3 miles for bicyclists

# First/Last Mile Planning Methodology

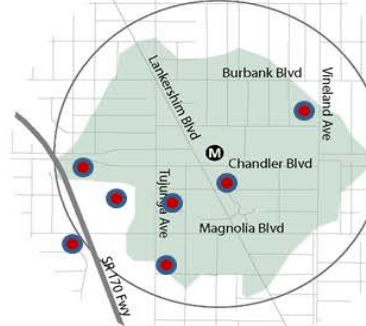
- Analyze Existing Conditions



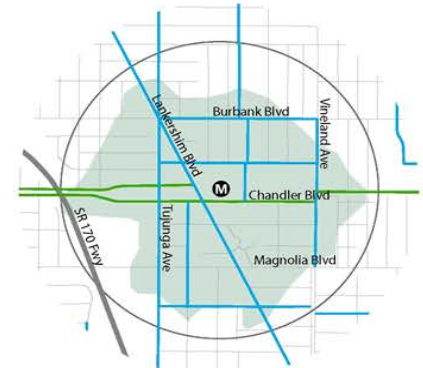
Access Sheds



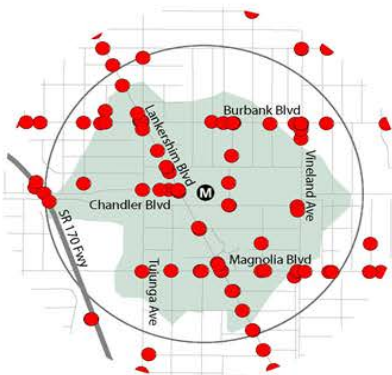
Transit Lines



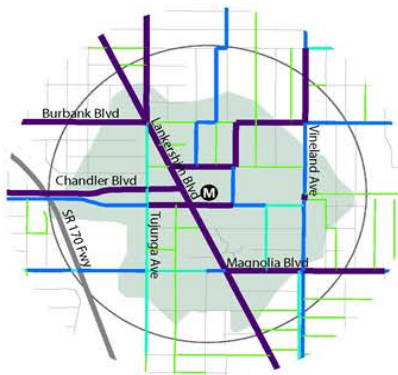
Key Destinations



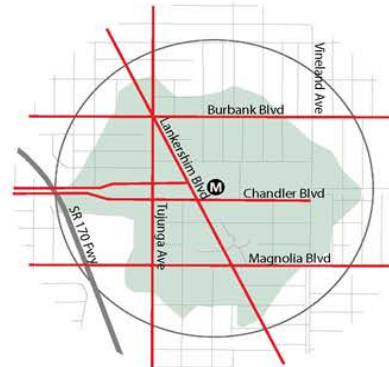
Bike Routes



Collision Data



Access Volumes



High Speed Roads



Land Use

# First/Last Mile Planning Methodology

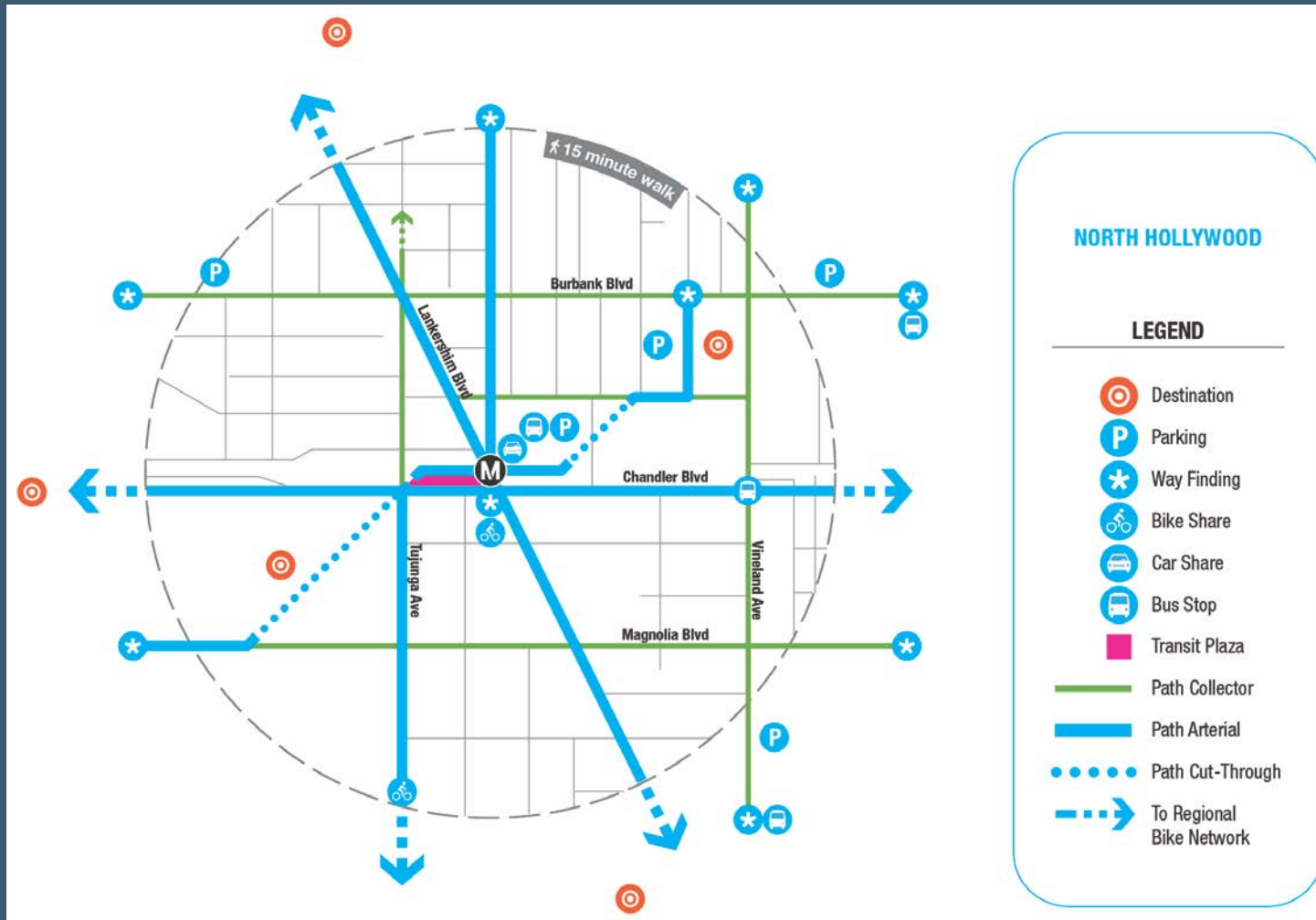
- **Analyze Existing Conditions**
  - Develop Overlay Map
  - Determine walking and bicycling routes
  - Conduct Station Survey
    - Safety
    - Aesthetics
    - Accessibility

# 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



# Opportunities

- **Funding**
  - Metro's Call for Projects
- **Pilot Stations**
  - Duarte and Expo/Bundy
- **Planning**
  - Metro Blue Line
- **TOD**
  - Integration into projects
  - Cap and trade



**Metro**

# Thank You

Questions or Comments Contact:

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Plan Website:

[http://media.metro.net/docs/sustainability\\_path\\_design\\_guidelines.pdf](http://media.metro.net/docs/sustainability_path_design_guidelines.pdf)