

WICHITA Pedestrian Master Plan

Technical Advisory Committee
July 16, 2013

AGENDA

1. Welcome & Introductions
2. Project Overview & Schedule
3. Visioning Exercise
4. Pedestrian Design Discussion
5. Next Steps

WICHITA PEDESTRIAN MASTER PLAN

PROJECT INTRODUCTION

- Increase level of walking satisfaction
- Make walking safer
- Identify community needs
- Biggest return on investment
- Optimal methods for funding improvements

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PROJECT TASKS

- 1) Project Management and Coordination
- 2) Data Collection and Analysis
- 3) Public and Staff Participation
- 4) Analyze Information and Make Design Recommendations
- 5) Analyze Pedestrian Demand and Prioritize Pedestrian Improvements

WICHITA PEDESTRIAN MASTER PLAN

PROJECT TASKS

- 6) Programs and Policies, Institutional Changes to Planning and Design Standards
- 7) Identify Potential Funding Sources, Implementation Strategies and Next Steps
- 8) Draft Final Report
- 9) Deliver Final Documents

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PROJECT SCHEDULE

Task	2013					2014								
	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July
1 Project Management and Coordination														
1.1 Develop Management Plan and Schedule														
1.2 Develop Management and Progress Reporting														
2 Data Collection and Analysis														
2.1 Existing Data Review and Analysis														
2.2 Field Review of Existing Conditions														
2.3 Pedestrian and Pedestrian Survey														
3 Public and Staff Participation														
3.1 Agency, Business and Technical Advisory Committee Meetings														
3.2 Citizen Steering Committee														
3.3 Pedestrian Facility Design Training														
3.4 Public Open House														
3.5 Define Community Outreach														
3.6 Develop Public Events Master Plan														
4 Analyze Information and Prioritize Pedestrian Improvements														
4.1 Detailed List of Change Treatments														
4.2 Template for Design Recommendations														
4.3 Complete Templates for Design Recommendations														
5 Analyze Pedestrian Demand and Prioritize Pedestrian Improvements														
5.1 Pedestrian Demand Analysis														
5.2 Pedestrian Focus Areas														
5.3 Staff Training on Safety Criteria and Methodology														
6 Programs and Policies, Institutional Changes to Planning and Design Standards														
6.1 Recommendations for Education and Encouragement Programs														
6.2 Recommendations for Regulatory Changes														
7 Identify Potential Funding Sources, Implementation Strategies and Next Steps														
7.1 Memorandum on Funding Sources														
7.2 Memorandum on Funding Sources														
8 Draft Final Report														
8.1 Draft Report and Plans														
8.2 Draft Report														
9 Deliver Final Documents														
9.1 Deliver Final Documents (Report, Plans, Plans/Post)														

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(Task 3)
PUBLIC/STAFF PARTICIPATION

- Listening Sessions & Focus Groups
- Technical Advisory Committee
- Citizen Steering Committee
- Pedestrian Facility Design Training
- Public Open Houses
- On-Line Community Outreach



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(Task 2)
DATA COLLECTION

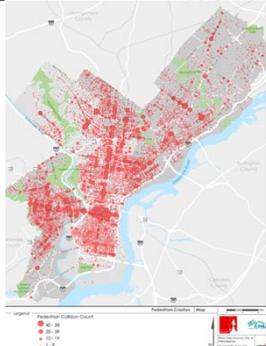
- Field work results in specific recommendations
 - Facility design (Tool Kit – Task 4)
 - Planning level design for example intersections, corridors and neighborhoods (Task 5)
 - Funding and planning level cost estimates (Task 5)
 - Pocket calculator (Task 5 & 7)



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(Tasks 4 and 5)
ANALYZE AND PRIORITIZE

- Example: Philadelphia
- High Crash Intersections
- High Crash Corridors
- High Crash Areas
- Design - Crash Reduction Rates by Facility Type



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ANALYZE AND PRIORITIZE (Tasks 4 and 5)

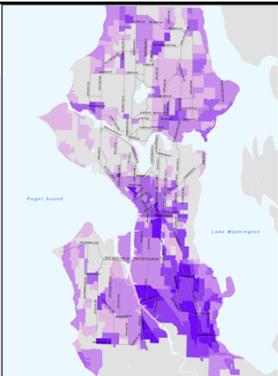
- High Generator
 - University or College
 - Major Destination (e.g. Pike Place)
 - Major Bus Stop
- Medium Generator
 - School
 - Major Retail
 - Hospital
 - Community Center
 - Park
- Low Generator
 - Minor Retail
 - Minor Bus Stop



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ANALYZE AND PRIORITIZE (Tasks 4 and 5)

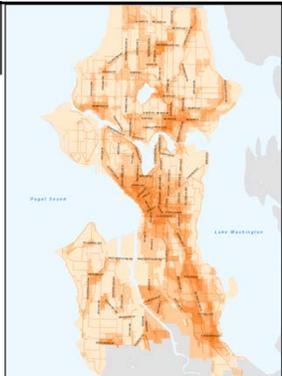
- Socioeconomic Factors
 - Low automobile ownership
 - Population over 65
 - Population under 18
 - Low income population
 - Disability population
 - Diabetes rates
 - Asthma rates
 - Obesity rates



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ANALYZE AND PRIORITIZE (Tasks 4 and 5)

- Pedestrian demand analysis - 40% of the total score.
- Street type analysis - 25% of the total score.
- Socioeconomic (demographic and health analysis) - 35% of the total score.



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IMPLEMENTATION PLAN (Task 7)

- Recommended strategies and actions
 - Measurable
 - Feasible
 - Detailed
- Cultivate stakeholder interest and awareness
 - Walking tours
 - Training
 - Walkability audits



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QUESTIONS

Intro to Planning, Design, Implementation



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Vision of a Walkable Community

A place where a 9 year old and his/her buddy can walk by themselves on a summer afternoon to play in the park or buy a popsicle.

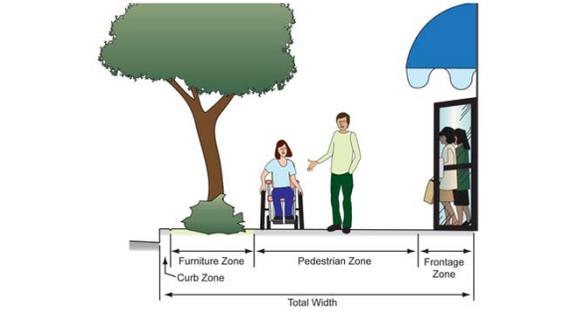
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Sidewalks



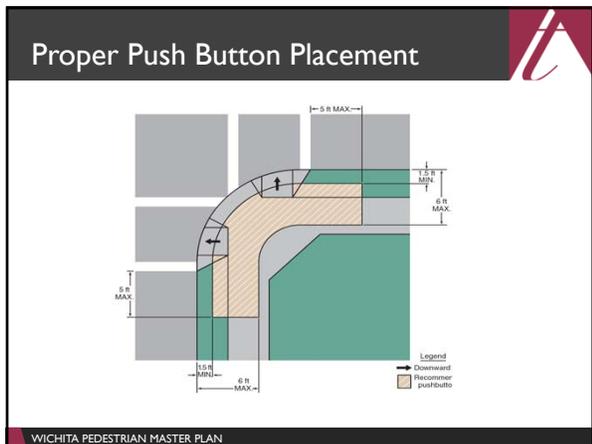
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The Zone System



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High Visibility Crosswalks



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Marked Crosswalks at Unsignalized Intersections



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Mid-Block Marked Crosswalks



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Crossing Islands



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In-Street Pedestrian Crossing Sign



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In-Street Pedestrian Crossing Sign



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Safe Routes to School



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Seniors



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Intersection Lighting



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Pedestrian Lighting



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Curb Radius



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Skewed Intersections



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Speed



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Driveway Design



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Right Turn Slip Lane with Directional Island



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Rectangular Rapid Flash Beacon



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Protected vs. Permissive Turns



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Leading Pedestrian Interval



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Advanced Stop Bars



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Parking Restrictions at Intersections



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Near Side / Far Side Bus Stops



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Bus Shelter Placement



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Crossings Near Transit Stops



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Bus Bulbs



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Storm Water Drainage



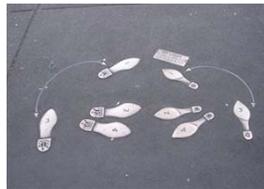
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Rain Garden – Natural Drainage



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Public Art



The "Lindy"

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Visioning Exercise

