Santa Monica Pedestrian Action Plan

Santa Monica Walks

Streets Made for Walking! Prioritizing Pedestrian Improvements
ESRI User Conference 2014

Beth Rolandson – City of Santa Monica
Kim Voros – Alta Planning + Design

Exploring ways to make walking safe and enjoyable for everyone, everywhere in Santa Monica.
Why Plan for Pedestrians?

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Pedestrian Action Plan Timeline

- Land Use & Circulation Element
- Rec & Parks Master Plan, Open Space Element
- Health, Transit Policies

DATA COLLECTION
- Site & Statistical Analyses
- Develop Counter-Measures

VISION
- Goals

PRIORITIZE IMPROVEMENTS

PEDESTRIAN NETWORK & DESIGN TOOLBOX

PROGRAMS: EDUCATION, ENFORCEMENT & ENCOURAGEMENT

IMPLEMENTATION STRATEGIES
- Funding Sources

MONITORING & EVALUATION

SPATIAL ANALYSIS USED THROUGHOUT PLANNING PROCESS

DRAFT ACTION PLAN
Adoption Hearings 2014
Exercise in Geodesign

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Informed Action Supported with Science

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INFRASTRUCTURE AND DEMAND

TRANSIT

SAFETY

HEALTH AND EQUITY

BUILT AND SOCIAL LANDSCAPES

METHODS DESIGN

ANALYSIS
Walking Activity is High

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Pedestrian Suitability Analysis

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Where People Work

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Where People Play

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Where People Access Transit

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Results - Demand

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Pedestrian Suitability Index – Demand Analysis

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Pedestrian Network Supply

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Supply: Existing Facilities

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Pedestrian Suitability Index

SUPPLY ANALYSIS

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Pedestrian Network Supply Scores

- Low Supply
- Low / Moderate Supply
- Moderate / High Supply
- High Supply

PSI's Supply Analysis is based on roadway and sidewalk characteristics that are perceived to have an impact on pedestrian safety, comfort, and ease of movement.

The purpose of this analysis is to show the relative suitability of the roadway network for walking.
Demand Will Exceed Supply in Some Areas

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Lessons Learned

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• Model Success
  • Interactive participation of stakeholders
  • Flexible weighting scheme
  • High quality locally generated GIS data
Contact

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Beth Rolandson, AICP
Principal Transportation Planner
City of Santa Monica, Strategic & Transportation Planning Division
310-458-8298
Beth.Rolandson@smgov.net

Kim Voros
Senior Planner/GIS Group Manager
Alta Planning + Design - Seattle
206-735-7466
kimvoros@altaplanning.com