

ACHD  
Transportation-Land Use Integration Plan

# ACHD Transportation-Land Use Integration Plan (TLIP)

Design Workshop  
December 7, 2006

Slide # 1

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# Livable Streets Workshop

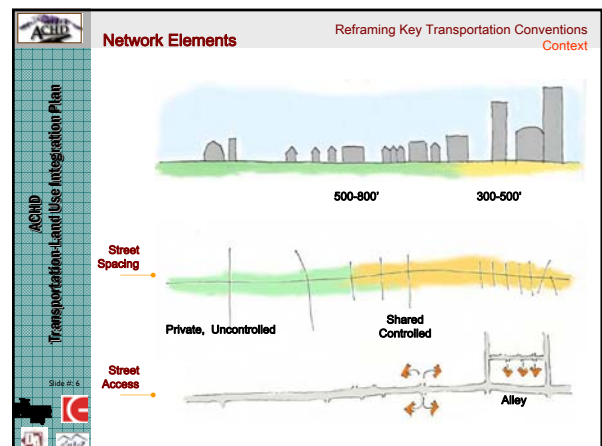
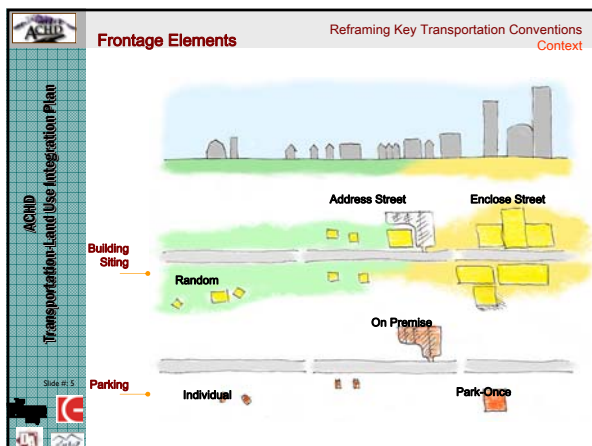
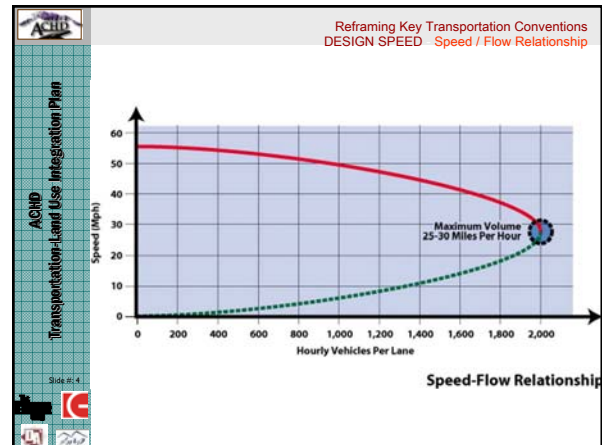
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Reframing Key Transportation Conventions  
DESIGN SPEED - Roadway Safety

SPEED	p (killing pedestrian)
15 mph	3.5 %
31 mph	37.0 %
44 mph	83.0 %

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**Process and Uses for Map**

- Federal Planning & Funding
- Guiding Development and Right-of-Way Acquisition
- "Sizing" of Arterial Streets in Local Plans and Capital Improvement Plan
- Traffic Impact Fee Policy

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**System Issues**

- Volume and Demand as Primary Determinants of Design (Not Context)
- Standardized Designs
- Context Mismatches
- Changing F.C. To Fix Outcomes

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**Reframing Key Transportation Conventions**  
Hierarchy & Functional Class

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Trips Totally Within Corridor	7%
Trips That Start OR End in Corridor	52%
Trips Through Corridor	41%

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**Dense Network**      **Sparse Hierarchy**

**Abercorn Street: Landmark Historic District**

10.4 Miles of Streets

30,000 Sq Ft per Acre



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Dan  
**Burden**

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Table  
**Sessions**

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**Speed**

- Design Speed vs. Target Speed
- Number or Range

**30 Minutes**

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**Cartway**

- Centerlane
  - Width
  - Two-Way Left Turn Lane?
  - Raised Median
- Bike Lane
  - Yes/No.....Allowed/Required
  - Gutter Count?
- Parking
  - Yes/No.....Allowed/Required
  - Width
  - Operation (Parallel, Angle, Back-In)

**45 Minutes**

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## Cartway

- Centerlane
  - Width
  - Two-Way Left Turn Lane?
  - Raised Median
- Bike Lane
  - Yes/No.....Allowed/Required
  - Gutter Count?
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  - Operation (Parallel, Angle, Back-In)

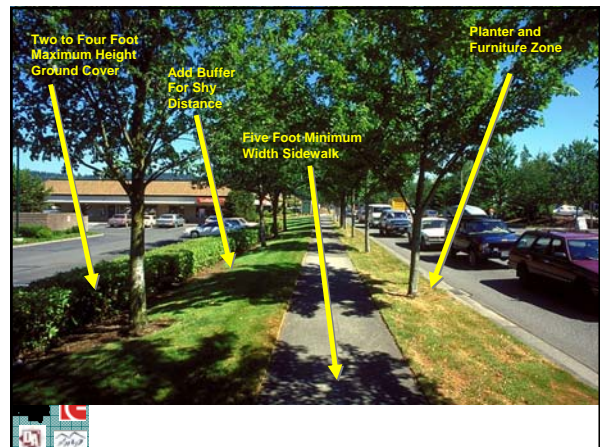
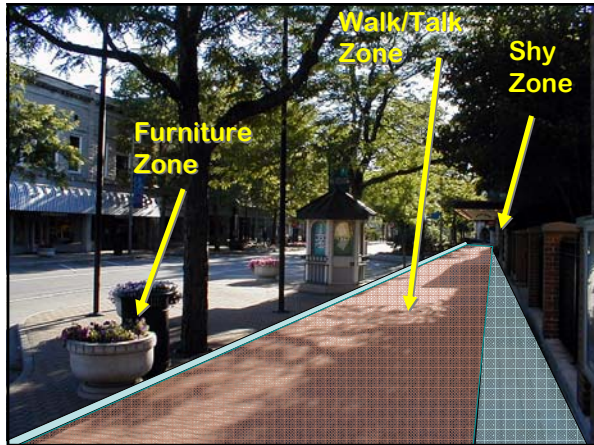
**45 Minutes**

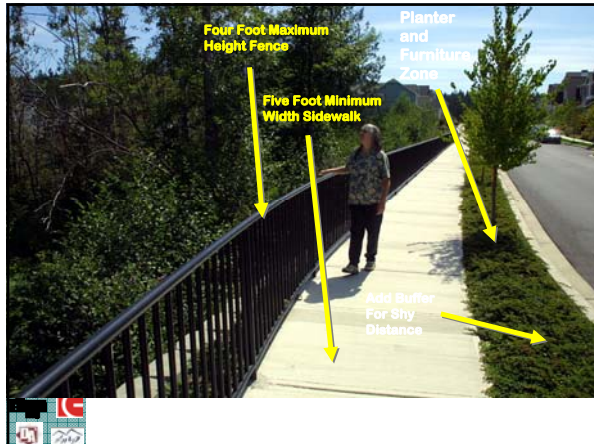
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## Pedestrian Way

- Edge Zone
  - Width
- Amenities Zone
  - Trees
  - Furniture
  - Grass Strip
- Walkway
  - Number or Range
  - Sidewalk Activity?

**45 Minutes**





**Pedestrian Way**

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- Edge Zone
  - Width
- Amenities Zone
  - Trees
  - Furniture
  - Grass Strip
- Walkway
  - Number or Range
  - Sidewalk Activity?

45 Minutes