Intersections

- 32 Vehicle to vehicle conflicts
- 24 Vehicle to pedestrian conflicts

Walkable Communities Inc.
Burden and Walwork, P.E.
Roundabouts

- 8 Vehicle to vehicle conflicts
- 8 Vehicle to pedestrian conflicts

Walkable Communities Inc.
Burden and Walwork, P.E.
Curb extensions:
Benefit: Reduced crossing distance
Curb Extensions

Curb extensions:
Benefit: Reduced crossing distance

Other advantages:

- Improves safety for pedestrians and motorists at intersections
- Increases visibility and reduces speed of turning vehicles
- Encourages pedestrians to cross at designated locations
- Prevents motor vehicles from parking at corners
ADA Compliance
Seattle, like many early adopters of ADA, are finding that earlier codes were wrong, and are now paying huge costs for retrofitting.

Hides pedestrians from turning motorists
ADA Compliance

Landing Width

48” Minimum

60” Desirable

Level Landing for Turn
ADA Compliance

Small Radius
Requires pedestrian in wheelchair to enter traffic lane.

Large Radius
Requires additional sidewalk space.
Walkability:
How comfortable an area is for walking

- How Accessible
- How Welcoming
- How Convenient
- How Safe
Walkability Support

Openly Hostile

Intolerant

Tolerant

Supportive

Noteworthy
Are these places welcoming?
Is this place welcoming?
Is this place welcoming?
Walkability:
How comfortable an area is for walking

- How Accessible
- How Welcoming
- How Convenient
- How Safe
Principles for Convenient Communities

Key Features:

- **Well Connected**
  - Building Orientation and Massing
  - Proper Street Type and Speed
  - People First Designs
  - Good Links and Transit

- **Block Form**
  - Block Scale
  - Pattern
  - Block Circumference

- **Diagonal Corners**
  - People First Priority
  - Right Height
  - Right Setback

- **Scaled to human eye**
  - Proper speed for street life
  - Vertical green features

- **Parking on street and to rear**
  - Buffer to street
  - Low speed and low noise

- **Walking**
  - Bicycling
  - Transit
  - Well located transit station
## Walkable Communities
Street, Block and Building Forms that Complete the Street

<table>
<thead>
<tr>
<th>Walkable</th>
<th>NOT Walkable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sidewalks and Walkways</td>
<td>Street Qualities</td>
</tr>
<tr>
<td>Trees and Planter Strips</td>
<td>Connectivity</td>
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</tbody>
</table>
Walkable Communities
Street, Block and Building Forms that Complete the Street
Walkability: How comfortable an area is for walking

How Accessible
How Welcoming
How Convenient
How Safe
What are the problems here?

- Lack of Security
- Auto dependence
- Lack of people
- No place to buy a popsicle
- Lack of investment
- Lack of activity
Steps to Walkability

Phased improvements over time
Steps to Walkability

Phased improvements over time
Steps to Walkability

Phased improvements over time
Transparency

Welcoming – High Transparency

Not Welcoming – Low Transparency
Enclosure

No Enclosure

High Enclosure
Walkable Community Principles

1. Designed for People
2. Offers a Sense of Place
3. Connects Us to Others
4. Allows Authentic Experiences
5. Encourages Use