

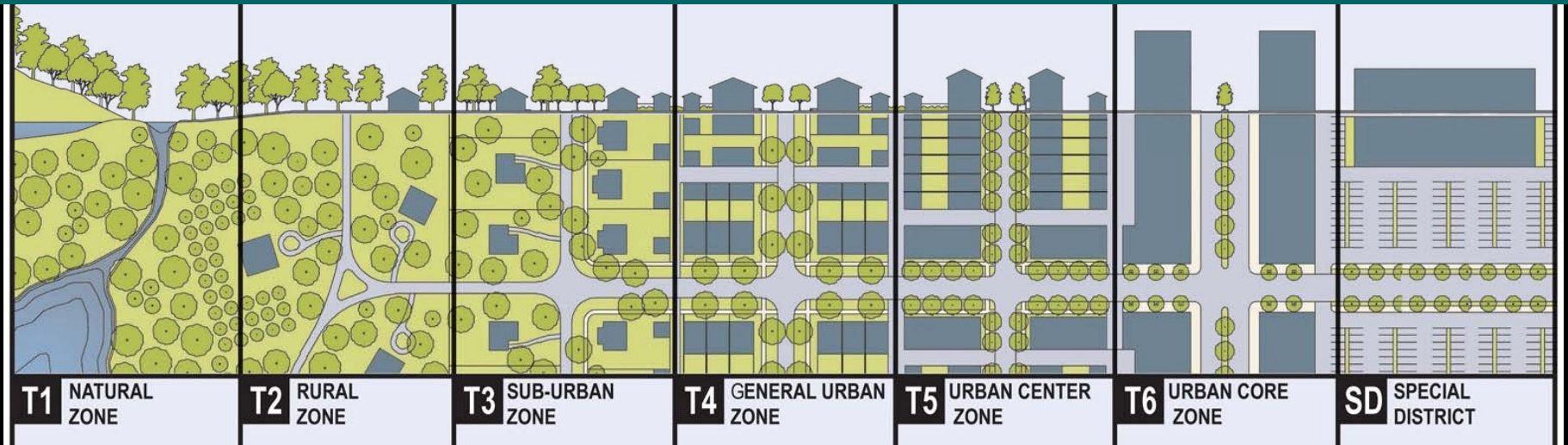
Mobility Elements:

- Travel – moving over distances
- Circulation – moving within areas
- Access – getting in the door

AUTOMOBILES

- Design Speed
- Lane Widths

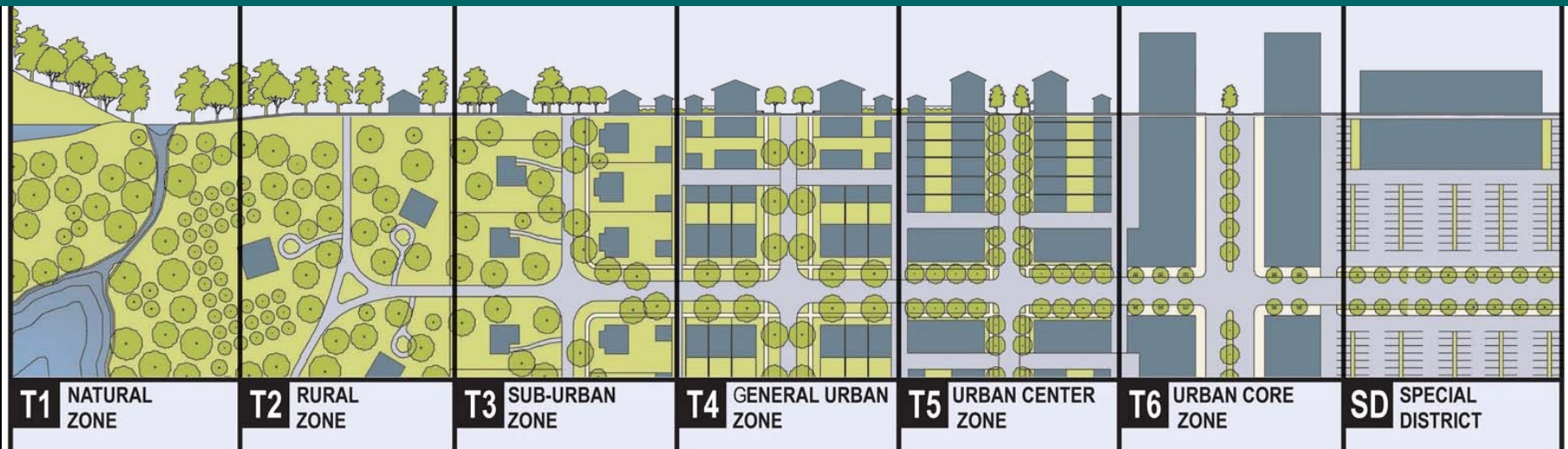


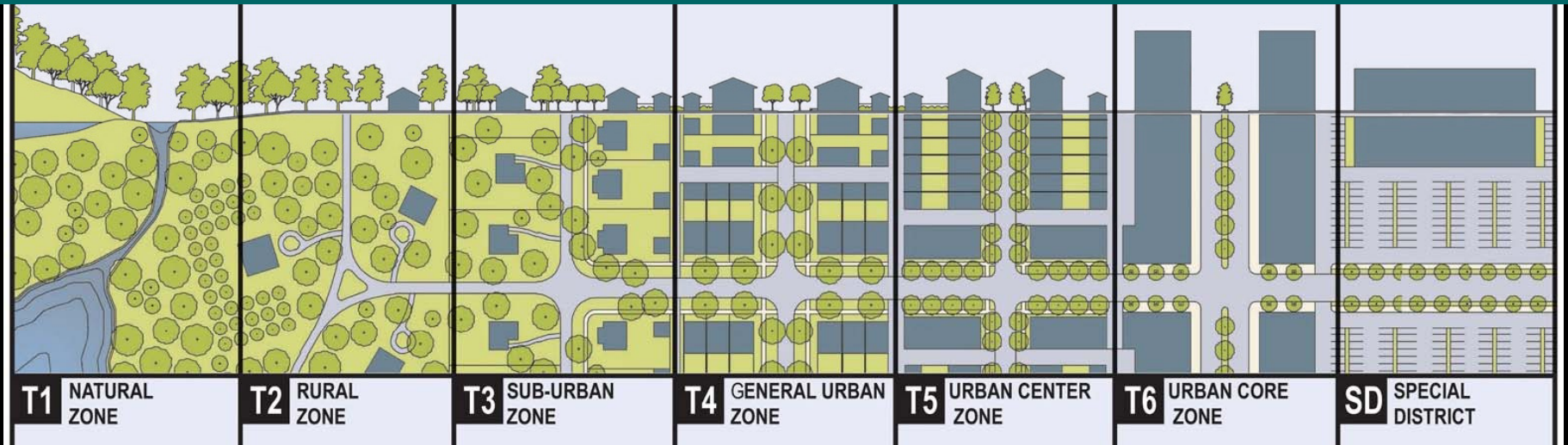


TRANSIT

- Type
- Level of Service
- Mix & Density



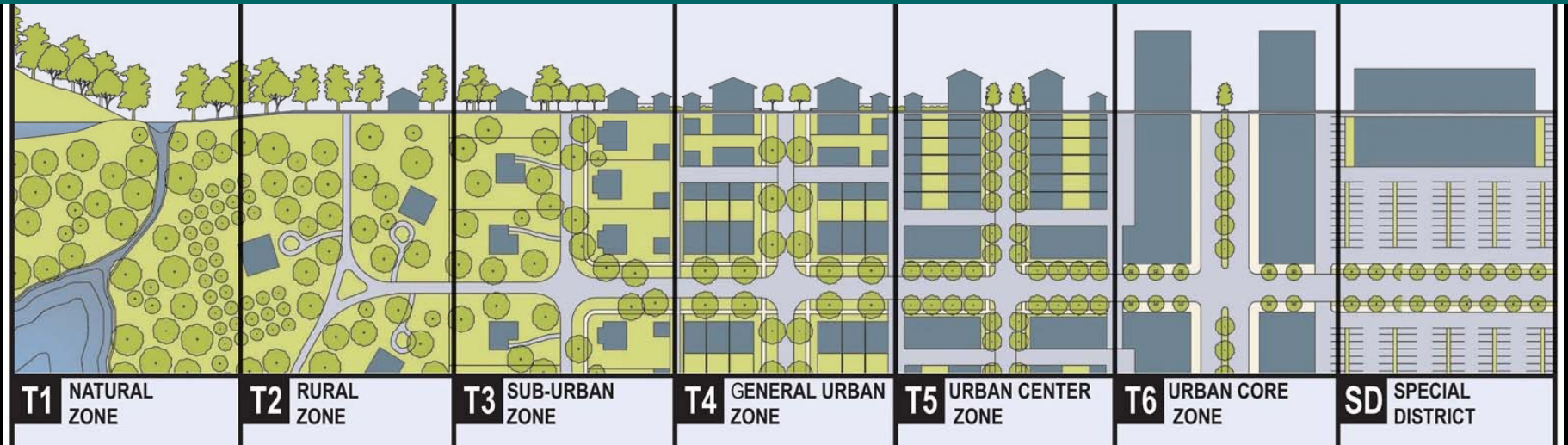




BICYCLES

- Type of Cyclist
- Type of Corridor
- Type of Place





PEDESTRIANS

- Type of Walking
- Type of Walking Environment



Types of Walking

- People walk for a variety of reasons
 - Utilitarian
 - Rambling
 - Strolling
 - Lingerin
 - Promenade
 - Special Events

Utilitarian Walking



Rambling





Strolling, Linger



Promenade



Special Events

Types of Walking Environments

- Different standards are appropriate for different place types
 - Pedestrian Intolerant
 - Pedestrian Tolerant
 - Pedestrian Supportive
 - Pedestrian Place

Pedestrian Environment Continuum



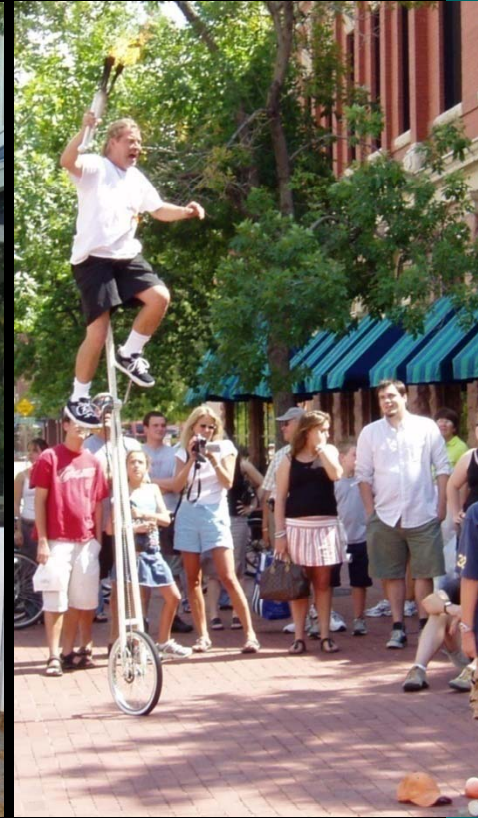
Pedestrian
Intolerant



Pedestrian
Tolerant



Pedestrian
Supportive

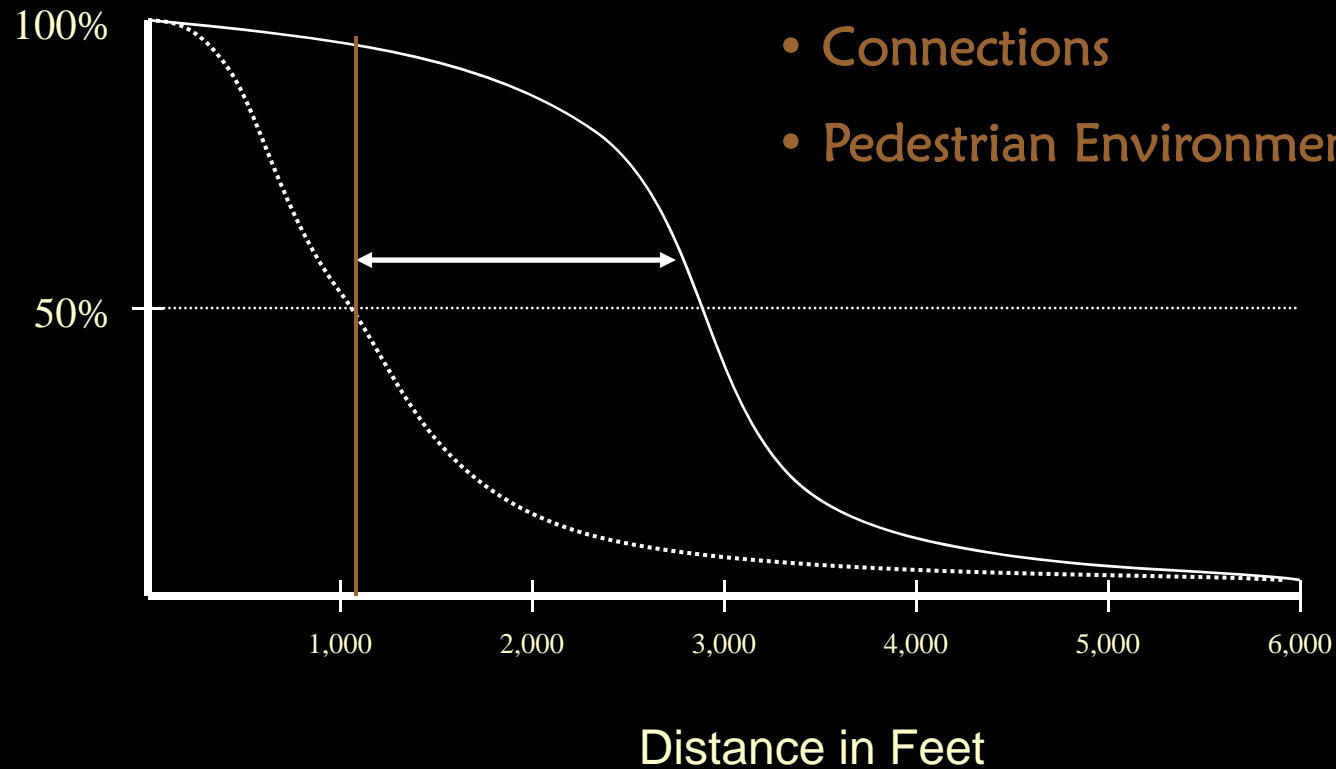


Pedestrian
Place

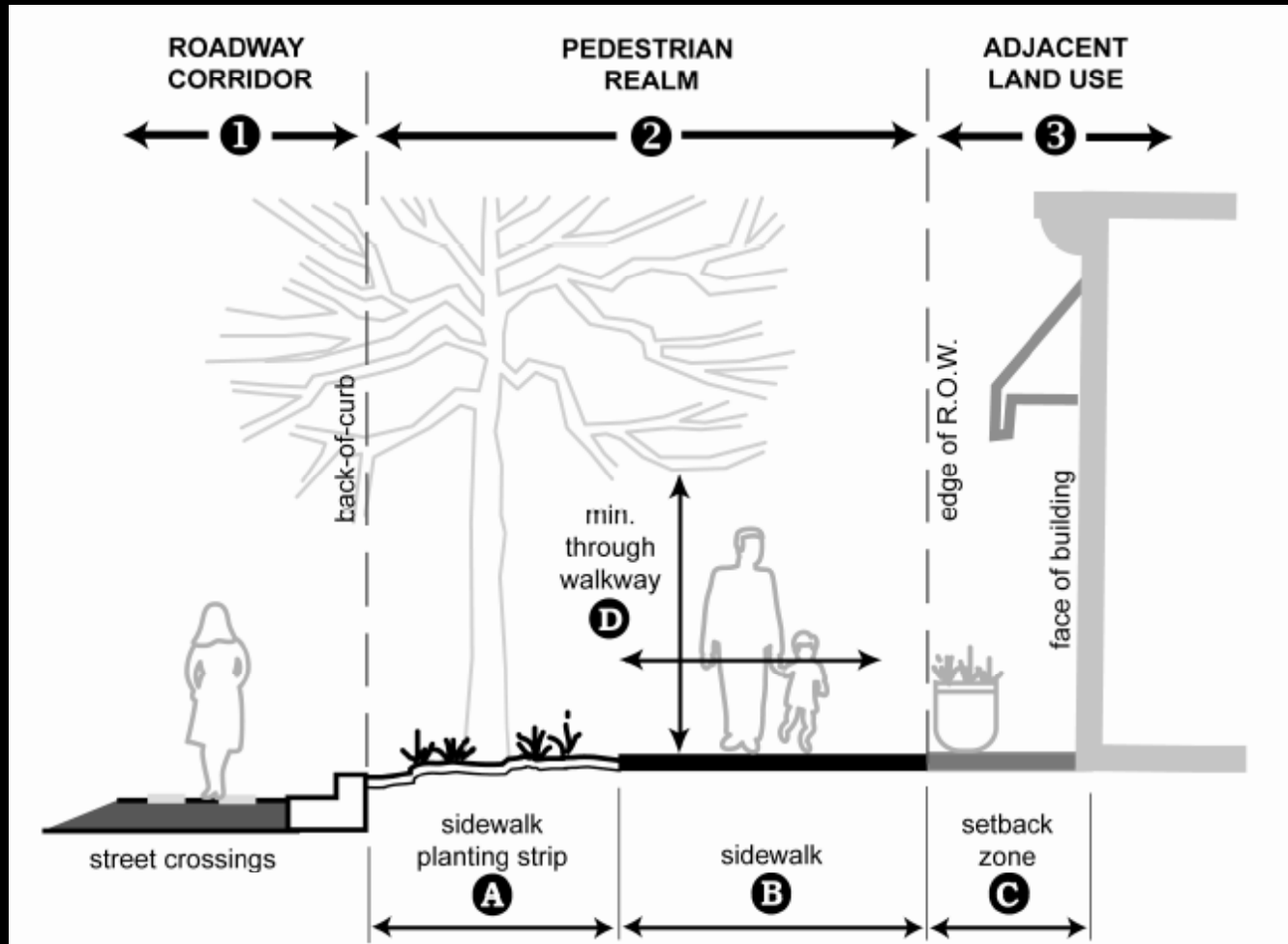
Pedestrian Friendliness

Pedestrian Walk Distance

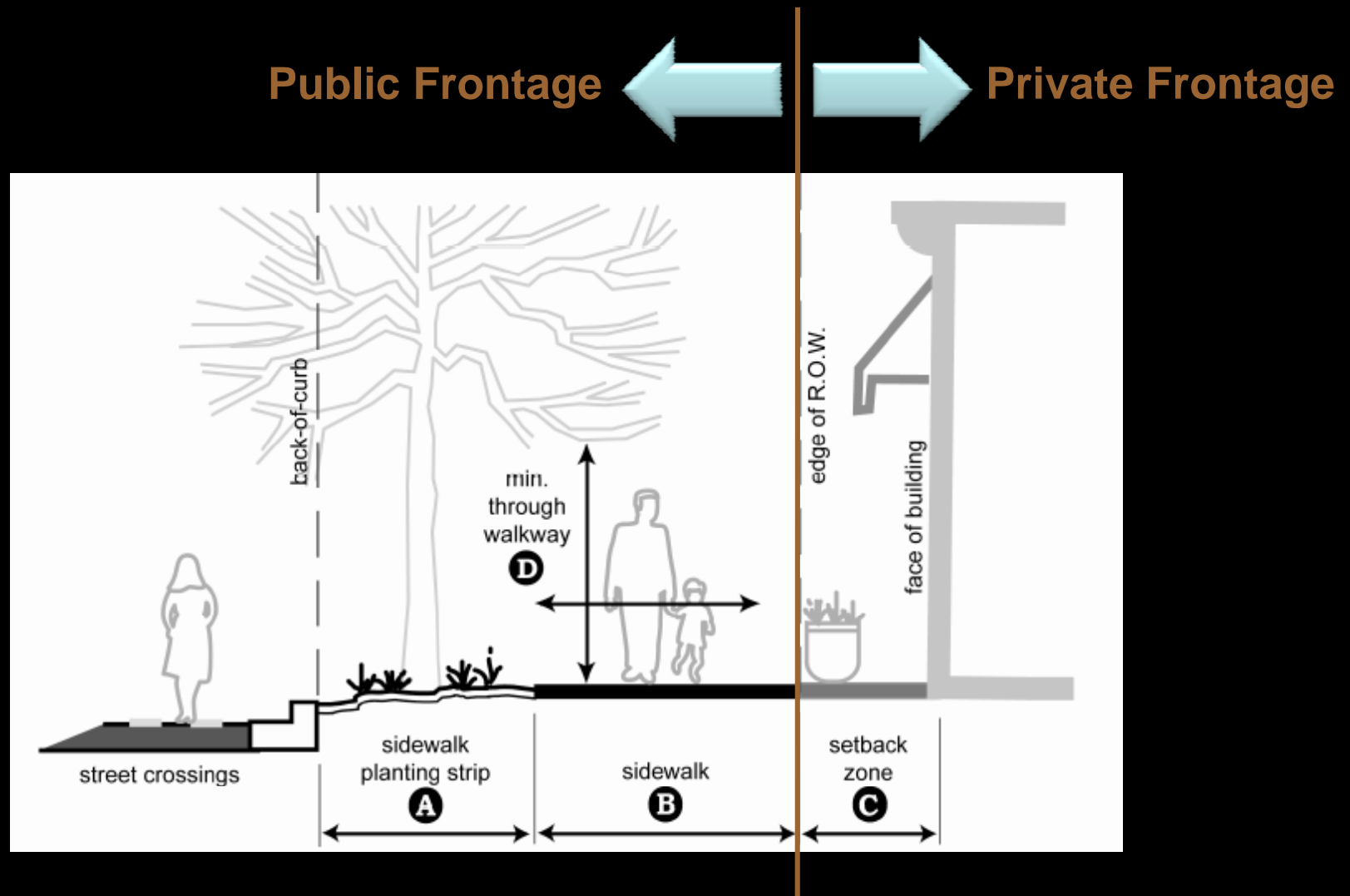
- Climate
- Topography
- Connections
- Pedestrian Environment



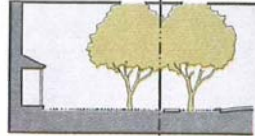
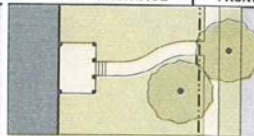
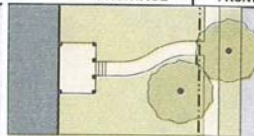
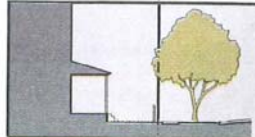
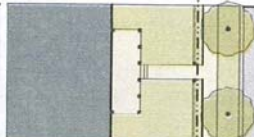
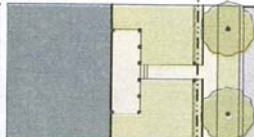






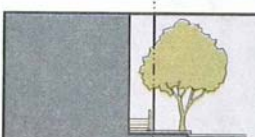
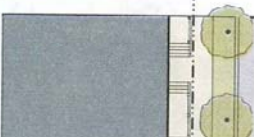
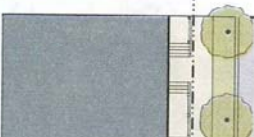

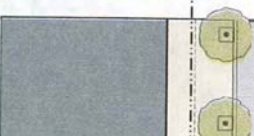
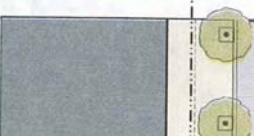
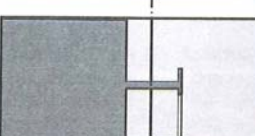
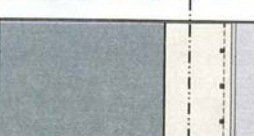
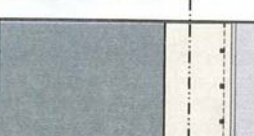
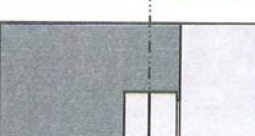
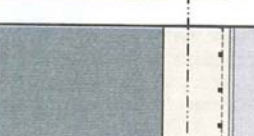
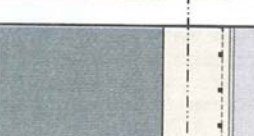
Components of the Pedestrian Environment



Components of the Pedestrian Environment



Private Frontages

	SECTION		PLAN	
	LOT PRIVATE FRONTAGE	R.O.W. PUBLIC FRONTAGE	LOT PRIVATE FRONTAGE	R.O.W. PUBLIC FRONTAGE
a. Common Yard: a planted Frontage wherein the Facade is set back substantially from the Frontage Line. The front yard created remains unfenced and is visually continuous with adjacent yards, supporting a common landscape. The deep Setback provides a buffer from the higher speed Thoroughfares.				T2 T3
b. Porch & Fence: a planted Frontage wherein the Facade is set back from the Frontage Line with an attached porch permitted to Encroach. A fence at the Frontage Line maintains street spatial definition. Porches shall be no less than 8 feet deep.				T3 T4
c. Terrace or Lightwell: a Frontage wherein the Facade is set back from the Frontage line by an elevated Terrace or a sunken Lightwell. This type buffers Residential use from urban Sidewalks and removes the private yard from public Encroachment. Terraces are suitable for conversion to outdoor cafes. Syn: Dooryard .				T4 T5
d. Forecourt: a Frontage wherein a portion of the Facade is close to the Frontage Line and the central portion is set back. The Forecourt created is suitable for vehicular drop-offs. This type should be allocated in conjunction with other Frontage types. Large trees within the Forecourts may overhang the Sidewalks.				T4 T5 T6
e. Stoop: a Frontage wherein the Facade is aligned close to the Frontage Line with the first Story elevated from the Sidewalk sufficiently to secure privacy for the windows. The entrance is usually an exterior stair and landing. This type is recommended for ground-floor Residential use.				T4 T5 T6
f. Shopfront: a Frontage wherein the Facade is aligned close to the Frontage Line with the building entrance at Sidewalk grade. This type is conventional for Retail use. It has a substantial glazing on the Sidewalk level and an awning that should overlap the Sidewalk to within 2 feet of the Curb. Syn: Retail Frontage.				T4 T5 T6
g. Gallery: a Frontage wherein the Facade is aligned close to the Frontage line with an attached cantilevered shed or a lightweight colonnade overlapping the Sidewalk. This type is conventional for Retail use. The Gallery shall be no less than 10 feet wide and should overlap the Sidewalk to within 2 feet of the Curb.				T4 T5 T6
h. Arcade: a Frontage wherein the Facade is a colonnade that overlaps the Sidewalk, while the Facade at Sidewalk level remains at the Frontage Line. This type is conventional for Retail use. The Arcade shall be no less than 12 feet wide and should overlap the Sidewalk to within 2 feet of the Curb.				T5 T6

SmartCode 9.0

CONTEXT SENSITIVE DESIGN

- Private Frontages



Setbacks



Building Facades

CONTEXT SENSITIVE DESIGN

- Private Frontages



Setbacks



Building Facades

Public Frontages

PLAN	
LOT	R.O.W.
PRIVATE FRONTAGE	PUBLIC FRONTAGE
a. (HW) For Highway: This Frontage has open Swales drained by percolation, Bicycle Trails and no parking. The landscaping consists of the natural condition or multiple species arrayed in naturalistic clusters. Buildings are buffered by distance or berms.	T1 T2 T3
b. (RD) For Road: This Frontage has open Swales drained by percolation and a walking Path or Bicycle Trail along one or both sides and Yield parking. The landscaping consists of multiple species arrayed in naturalistic clusters.	T1 T2 T3
c. (ST) For Street: This Frontage has raised Curbs drained by inlets and Sidewalks separated from the vehicular lanes by individual or continuous Planters, with parking on one or both sides. The landscaping consists of street trees of a single or alternating species aligned in a regularly spaced Allee.	T3 T4 T5
d. (DR) For Drive: This Frontage has raised Curbs drained by inlets and a wide Sidewalk or paved Path along one side, related to a Greenway or waterfront. It is separated from the vehicular lanes by individual or continuous Planters. The landscaping consists of street trees of a single or alternating species aligned in a regularly spaced Allee.	T3 T4 T5 T6
e. (AV) For Avenue: This Frontage has raised Curbs drained by inlets and wide Sidewalks separated from the vehicular lanes by a narrow continuous Planter with parking on both sides. The landscaping consists of a single tree species aligned in a regularly spaced Allee.	T3 T4 T5 T6
f. (CS) (AV) For Commercial Street or Avenue: This Frontage has raised Curbs drained by inlets and very wide Sidewalks along both sides separated from the vehicular lanes by separate tree wells with grates and parking on both sides. The landscaping consists of a single tree species aligned with regular spacing where possible but clears the storefront entrances.	T5 T6
g. (BV) For Boulevard: This Frontage has Slip Roads on both sides. It consists of raised Curbs drained by inlets and Sidewalks along both sides, separated from the vehicular lanes by Planters. The landscaping consists of double rows of a single tree species aligned in a regularly spaced Allee.	T3 T4 T5 T6

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CONTEXT SENSITIVE DESIGN

- Relationship of Buildings to Street



Setbacks & Parking Treatments

Street Widths & Travel Speeds

CONTEXT SENSITIVE DESIGN

- First Floor Land Use



Grassy Planting Strip
Residential Frontages



Paving with Tree Wells
Commercial Frontages

CONTEXT SENSITIVE DESIGN

- Width of Sidewalk



Desired Levels of Pedestrian Activity
Commercial Frontages

CONTEXT SENSITIVE DESIGN

- Width of Buffer Planting Strip

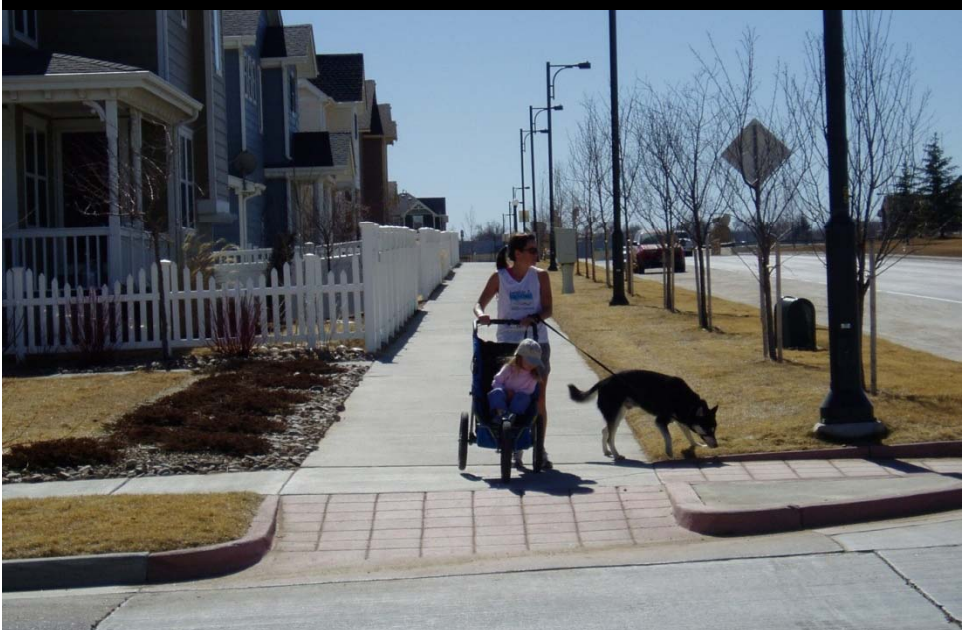
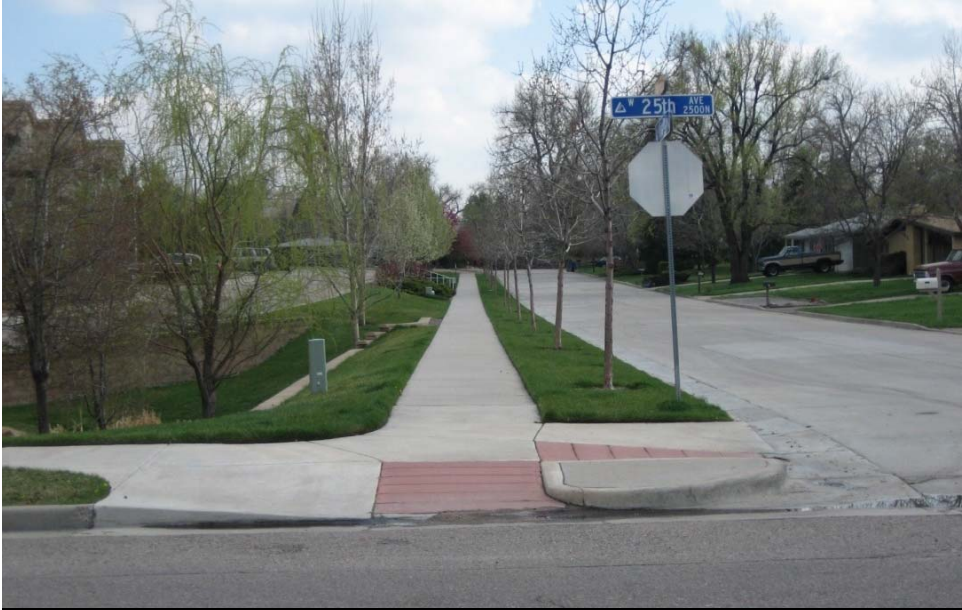


Desired Separation from Vehicular Traffic
Travel Speeds and On-Street Parking

Corners and Crossings



Corners and Crossings





Location Efficiency

- also how we reduce auto dependency -

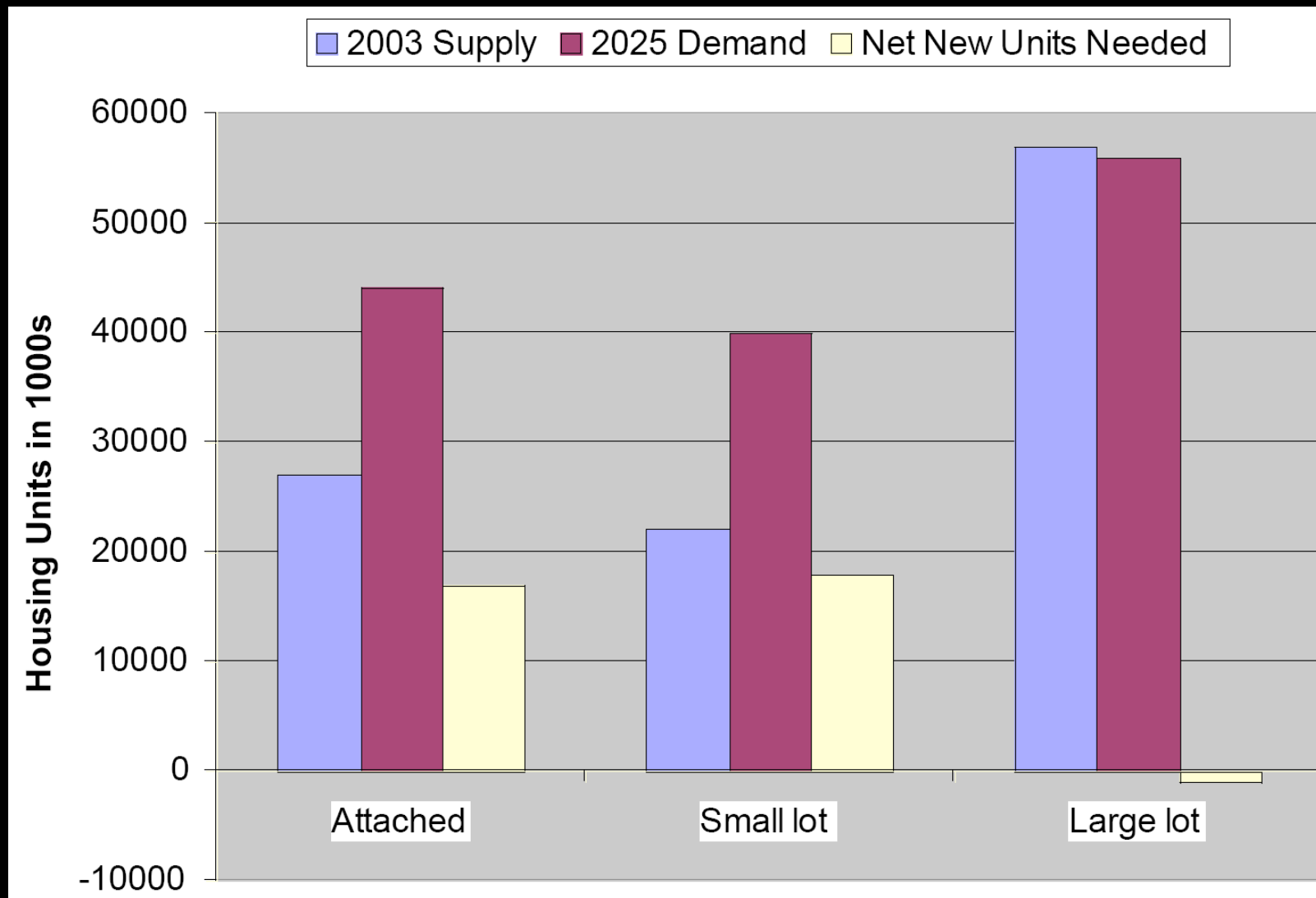
Build for New Choices

In a national survey, 6 out of 10 prospective homebuyers chose a higher-density, mixed use community.



Source: Smart Growth America & National Association of Realtors

Housing Supply & Demand



Well Designed Density

It is not this:

