I. Getting Along the Streets

Sidewalks
Doesn’t Work for Motorists or Pedestrians
Splash
4 Sidewalk Buffers
Middleburg, Virginia – America’s Wealthiest Small Community
Which community cares more about its children?
What’s wrong with this picture?
What's wrong with this picture?
What's wrong with this picture?

Message:

Image: Provided by David Parisi
No _______
No  _______
No
Minimum Width – 5 Feet
Preferred Width – 6 Feet
Before

Natural Drainage
High Cost

After
14’ + 2’ + 2’
Great Place for Kids (and Dads & Moms)

Place to Meet Neighbors
Four Objectives

Natural Drainage
Sidewalk
Street Trees
Traffic Calming

Natural Drainage Low Cost
Lowest Cost Sidewalks
Got Snow?

Snow Storage Area
Anchorage, Alaska
Doesn’t Work for Pedestrians, Bicyclists or Motorists
What is Needed?
Pedestrian Buffer?
ADA - Universal Design

It’s About All of Us
ADA - Universal Design

It’s About All of Us
ADA Requirements

American Disabilities Act (1990)

Preceded by:

Architectural Barriers Act; 1968

The Access Board defined the regulations.

Mandatory compliance by all communities.
Wheelchair Accessible?

Apron Goes Through Sidewalk
Apron Does Not Go Through Sidewalk

Sidewalk Continues Across Driveway

Good Engineering Invites Right Use
Don’t build driveways like intersections
Build driveways like driveways
Bad Engineering Invites Wrong Behavior
Sidewalk continues across the driveway.

Apron does not go through sidewalk.
Okay When Other Options Don’t Work
Two Ramps Per Corner
Eight Ramps Per Intersection
Truncated Domes – 4’ x 2’
Poor Design - Safety Compromised
Oops!

Curbs Okay
Next to Landscaping
Obstacle Course
Americans favor spending more on sidewalks even if it means spending less on highways

Source: Belden Russonello & Stewart Poll, September 2000