

ASLA 2015

ANNUAL MEETING & EXPO NOV. 6-9 • CHICAGO

PERSPECTIVES

Some Assembly Required

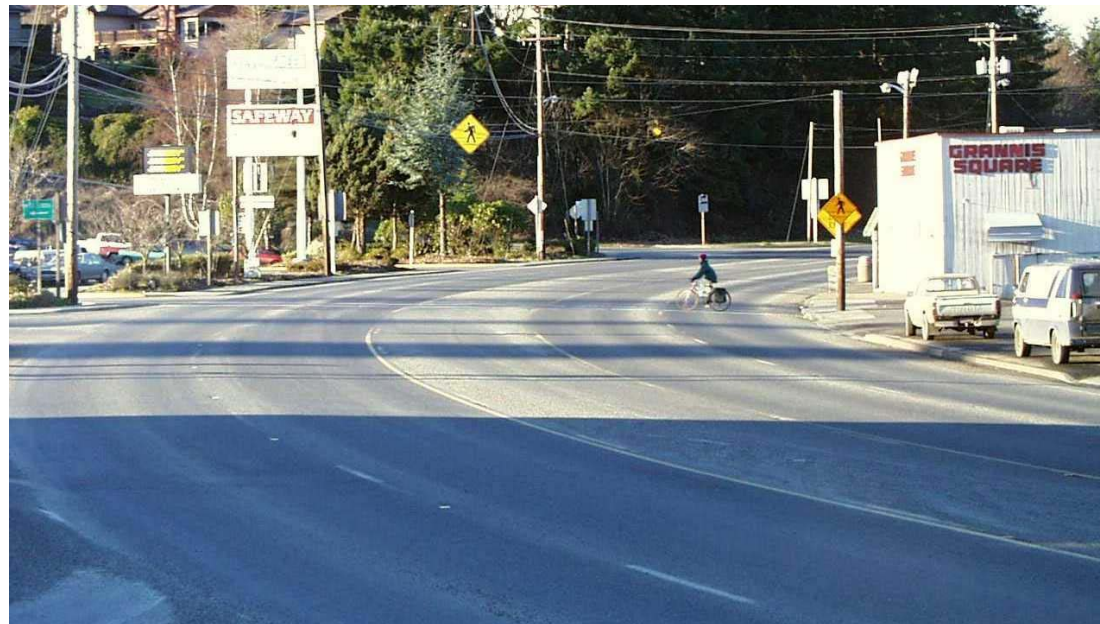
Presenters

Tom Tavella, FASLA, Alta Planning + Design

Wade Walker, PE, Alta Planning + Design

Bert Kuyrkendall, PE, City of Chattanooga

The Problem

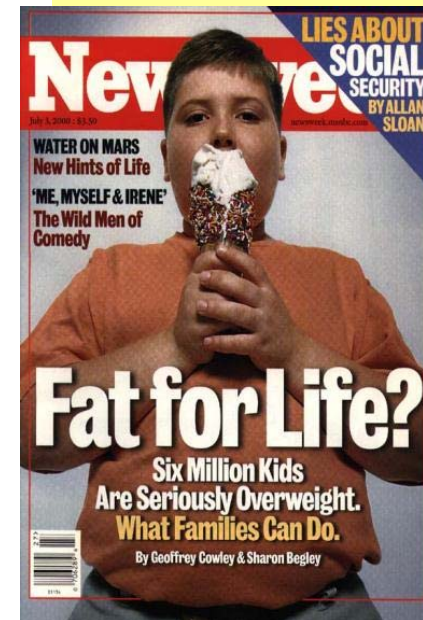
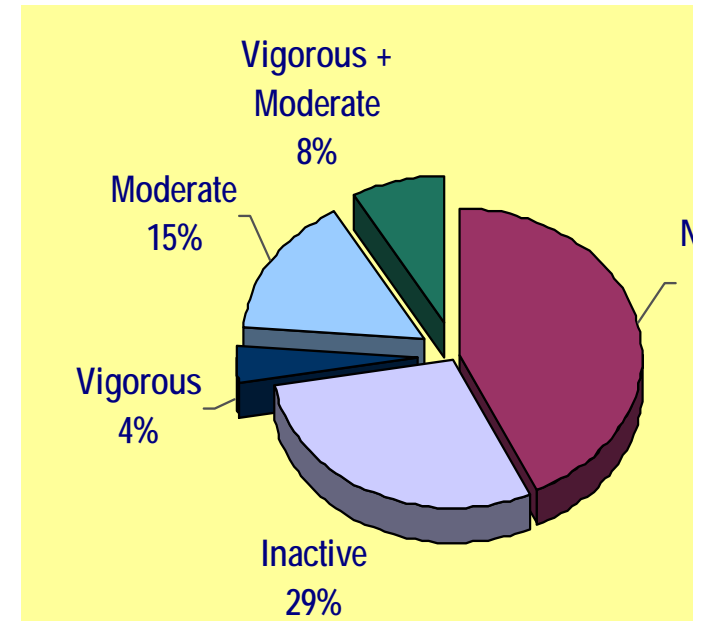


ASLA 2015 Annual Meeting and EXPO

The Results

Physical Inactivity and Diet

- Account for almost 300,000 deaths or 14% of deaths per year
- It is estimated that we can save more than \$77 billion dollars in health care cost by increasing physical activity levels
- Obesity and Overweight
- Stroke and High Blood pressure
- Cardiovascular diseases
- Diabetes
- Colon Cancer



The cure: Complete Streets

- Human Scale
- Linkage
- Definition/Visual Enclosure
- Complexity/Intricacy
- Coherence/Order
- Transparency
- Sense of Place/Identity
- Perceived Safety
- Well Balanced modes of Travel



Building or Sidewalk	Opportunity Zone	Pedestrian Zone	Amenity Zone	Transition Zone	Travelway
	Art Installations Public Art Street Furniture Weathering Displays Benches Awnings Fountains Trashcans		Light Street Trees Benches Planters Fountains Bike racks Street Furniture	Blue walls On-Street Parking On-Off-Street Furniture	

So you have a plan...now what?



Main Street/US 64 Downtown Streetscape - COMPLETED



El Paso Avenue Complete Street - COMPLETED

The Usual Suspects

- Doesn't conform to local/state standards
- Community resistance
- Agency resistance (especially with respect to motorized traffic performance)
- Constructability issues
- Funding constraints (including cost escalation)

Strategies to Overcome

- Use national guidance; change the rules
- Collaborate with community at all stages
- Quantify impacts; accept congestion
- Be flexible with design, but respect the vision
- Tap non-traditional funding; know your contracting community

Implementing Complete Streets in Chattanooga

- Chattanooga Department of Transportation
- CS Ordinance and Implementation Plans
- CS Projects

CDOT

- Multidisciplined
- Streets as Public Spaces
- Walkable City
- Connected to Urban Planning

Complete Streets Ordinance and Implementation Plans

- CS Ordinance
- Design Standards
- Bike Implementation Plan
- Pedestrian Action Plan
- Street Connectivity Plan
- Commuter Rail Study

Complete Streets Projects

- Broad Street Protected Bike Lanes
- Virginia Avenue Neighborhood Greenway
- Tennessee Riverwalk Extension
- Central Avenue and 3rd/4th St. Projects
- Highway 58 Shared-Use Path
- Grants

Complete Streets Design Resources

- National Guidelines
 - Urban Streets Design Guide (NACTO)
 - Urban Bikeway Design Guide (NACTO)
 - Walkable Urban Thoroughfares: A Context Sensitive Approach (ITE and CNU)

Complete Streets Design Resources

- State and Local Guidelines
 - Smart Transportation Guidebook (NJDOT and PennDOT)
 - Complete Streets Design Manual (New Haven, CT)
 - Urban Streets Design Guidelines (Charlotte, NC)
 - Complete Streets Planning and Design Guidelines (North Carolina Department of Transportation)
 - New York City Street Design Manual (New York, NY)