

Complete Streets Complete Your Life

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Complete Streets

- Streets that are designed and operated to enable safe access for all users.
- Pedestrians, bicyclists, motorists and transit riders of all ages and abilities must be able to safely move along and across a complete street.



Incomplete Streets

- Traditional streets that lack connectivity, non-motorized transportation choices, and do not safely accommodate pedestrians or bicyclists.
- Favor automobiles over other forms of travel.



CONSEQUENCES



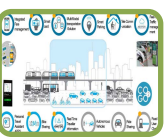
Safety - Specifically designing, operating, and maintaining facilities improve safety for pedestrians & bicyclists



Health - Complete streets provide improved access and opportunities for walking, biking, and physical activity

4,800 lb CO₂

Environment - By switching from vehicle to walking or bicycling, an individual's CO₂ emissions can be reduced by 4,800 pounds



Smart mobility - Encourage compact building design, mixed-use development, walkable/bikable neighborhoods, and an array of transportation choices



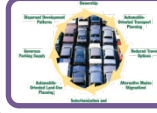
Inclusive Physical Environments - Older adults, persons with disabilities, children

\$4,000 ~ \$34,000

Walkability and economic vitality - Home in more walkable community had increased property value premium of \$4,000 to \$34,000 over it in not walkable community

77%

Responds to housing market preferences - 77% voters preferred neighborhood with pedestrian-friendly amenity when purchasing a new home



Continued cycle of automobile dependency

82%

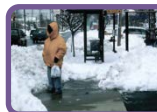
Lack of transportation choice - Survey showed 82% voters hoped expanded and improved transportation system



Increasing prevalence of obesity - Lack of walking is contributing to increased risk of obesity

>5,000 fatalities

Unsafe roadways - Over 5,000 pedestrians and bicyclists died in US (2008)



Lack of transportation equity

28%

Poor air quality - 28% of GHG emissions are attributed to transportation

\$ 115 billion

Sprawling development patterns - \$ 115 billion of congestion cost in US (2009)



Disconnected social and transportation networks



Characteristics of complete streets

- Flexible
- Accessible
- Provide multimodal transportation options
- Vibrant centers of activity
- Have common features and design elements

We can and should do:

- (Engineers) Design and operate transportation system focused on completeness of streets
- Support and pay attention to National Complete Streets Movement
- Walk or bicycle as much as possible instead of automobiles