

Project Purpose

The purpose of this project is to design a system of mixed use streets in the Manito / Cannon Hill neighborhoods which will facilitate the movement of alternative transportation throughout the area using the existing parks as nodes of destination. The project was meant to both work in conjunction with neighborhood members as well as design with criteria based upon the topics of oil depletion, successful aging, and health.

Project Objectives

1. Create a system which contributes to accessibility and beautification of the park system.
2. Produce an environment focused on the pedestrian.
3. Connect neighborhood, community, and city parks systems.
4. Design safe passage areas across arterials focused on pedestrians.
5. Create an environment more conducive of social interaction.

Alternative street types

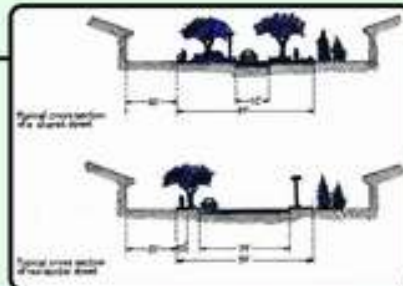
Woonerfs

Definition: A street which is focused on the pedestrian and promotes the suggestion that cars will feel uncomfortable or out of place in the streetspace.

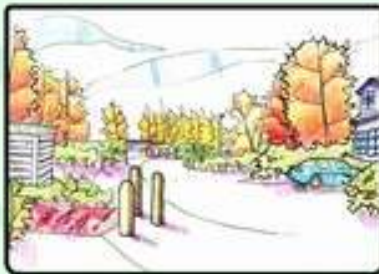
How woonerfs do this:

- neglect of through traffic
- low speeds
- community oriented space
- obstructions welcome

- planters, ballards, parked cars, sports, lightposts, picnic tables, trashcans, mailboxes



Paving patterns, which not only provide positive aesthetic qualities, but also visual breaks for drivers, help to make drivers more aware they are entering or within a unique place.

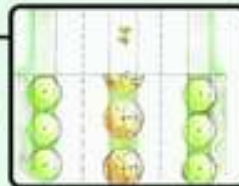


Case Study: Boulder, CO

Problem: Many residential developments in the Boulder area had wide roads, allowing traffic to speed.
Solution: Create a loop drive development with woonerf streets that provide moderate density housing. The street meanders and has no curb separating vehicles from pedestrians, while the loop drive discourages through traffic.

Greenways

Definition: A greenway system is composed of large hubs, links and smaller sites made up of natural, historical, cultural, and recreational features. This allows for people to travel within the greenway to a variety of destinations while improving the environment with the addition of trees. Greenways not only protect environmentally sensitive lands and wildlife, but also can provide people with access to outdoor recreation and enjoyment close to home.



Specific Greenway Functions

Oriented towards all transportation types

- Pedestrians
- Bicycles
- Automobiles
- Traffic Calming
- Promotes awareness and slower driving speeds
- Provides a separation of uses

Extend and Connect Parks

- Adds to the property value and social value of the community
- Attracts and promotes physical activities outdoors
- Creates a sense of community
- Environmental Benefits:**
- Cooling through Shade and evaporation
- Reduces runoff
- Improves air quality



Benefits:

- Created a safe and practical route of transportation for pedestrians and bicyclists
- Visitors also use it as a health-related ecotourism destination.
- Helps to connect other open spaces and boost environmental health.

Case Study: New York, NY

Developing the Idea: At the beginning of the contemporary planning process lack of funding was considered the biggest impediment to the construction of an off-road bicycle network. The federal government has so far given \$150 million to develop the City's greenway system, which is the most ambitious in the nation.