

Municipalities have a Choice

for their Transportation Plans of the Future

Plans for

Cycling

Combined Mobility – transit and cycling

Municipalities have a Choice

Small Cities	Cycling Mode Share - %	Population	Area – km ²
City of Davies, CA	18	65,000	27
Boulder, Colorado	12.3	100,000	65
Eugene, OR	10.9	156,000	105
Bellingham, WA	5.2	80,000	82
Saskatoon	2.4	224,000	217
Whitehorse	2.6	20,500	161
Parksville	2.1	12,000	
Nanaimo	1.8	78,000	89
Qualicum Beach		8,500	5
Port Alberni	0.9	17,700	
Campbell River	1.3	32,000	55

Municipalities have a Choice

for its Transportation Plans for the Future

There is always a quandary as to the strategic direction a municipality should adopt for providing cycling infrastructure, considering

- financial capabilities of a small municipality,
- existing infrastructure, and
- how much of a leap forward should be taken.

For cycling as a transportation mode, the Municipality can decide to:

Municipalities have a Choice

Stay at the First Wave of Cyclists infrastructure

(peak at 1% cycling mode share range)

- Continue with roads designed for fast car movement
- Continue with intersection designs, which favour fast and high volume car throughput as priority over all other road users.
 - Deaths from collisions will continue at same rate as the past
 - Injuries at the same rate
 - Detrimental to health of drivers and to the public
 - Obesity will continue to be promoted

Municipalities have a Choice

Move towards the Second Wave of Cyclists infrastructure
(peak at 2% to 3% cycling mode share range)

Continue with the First Wave of Cyclists infrastructure and selectively enhance by adding limited amount of cycling infrastructure within current guideline designs

If there is really some, space available on the roadway not needed by movement of cars.

Considering population growth, how are the new residents and workers going to travel?

- If the choice of transportation is car based, take more land real estate for road space required by cars.
- Focus on transit
- Or focus on cycling and combining cycling and transit

Municipalities have a Choice

Make the leap to the mobility of the future and build the cycling infrastructure for the **Third Wave of Cyclists**

(potential of increasing cycling mode share to the 10% to 15% range plus)

- Cycling infrastructure designed to reduce demand for road space.
- More land available for higher density development.
- Cycling infrastructure designed to attract motorists to cycling

Moving from City Vision to Programs

Moving towards sustainable, liveable urban communities

Concepts

Convenient cycling within a city is not the real end goal

Cycling for transportation is not the real end goal

Cycling is one of the delivery mechanisms of a city for

Achieving city-wide strategies, programs, targets, and objectives

Moving towards communities for people

Moving from City Vision to Programs

Process

Start with setting the Cycling Mode Share

For achieving the city's liveable community vision, what does the cycling mode share need to be?

Cycling mode share leads to

- Aggressiveness of the City's Cycling Master Plan
- Selection of cycling design toolkit
- Network design
- Infrastructure investment level
- Selection of social marketing tools

Moving from City Vision to Programs

For Small Cities, then focus on

Networks and Cycling facilities

- Feeder network to
 - Schools
 - Shopping
 - Transit
 - Public transportation
- People streets
- Bike trails providing passage through the city
 - Commuting
 - Recreational cycling
 - Touring cycling

Moving from City Vision to Programs

Determine appropriate social programs

Timing

Type

- Marketing to potential cyclists, the customers
- Promotion
- Education
- Communication
- Enforcement

Moving from City Vision to Programs

What are you expecting the city to provide???

Going Forward, what is the Cycling Community's Vision?
for

- City's cycling plan vision, goals, targets, strategies
- Investment levels for cycling infrastructure and social programs
- Cycling network
- Infrastructure design toolkit
- Social programs

What is the cycling community going to pitch to the politicians and municipal staff?