How Our Mobility Past Informs Our Mobility Future
Why Do Cities Exist?

To maximize exchange and to minimize travel.
Mobility has always shaped cities

Copenhagen

5 and 20-min. walks

Copenhagen
Mobility has always shaped cities

Rail / Streetcar + 5 and 20 min walks
Mobility has always shaped cities
What about the shared economy and autonomous vehicles?
What about the shared economy and autonomous vehicles?

REALITIES
Safer environment
More efficient roads
Lower car ownership
Lower parking demand
Lower cost transit
Lower cost freight

FEARS
Increase in VMT
Increase in freight trips
Lower use of alternative modes

UNKNOWN?
Continued increase in on-line retail?
Deliberate vs. spontaneous trips?
- Commercial corridors
- Park-once districts
- Food / entertainment
Curb space use and demand / competition?
Cities change
Is Denver’s Transportation System Resilient and Flexible?
Improving the efficiency of the network
Denver’s Transportation Future

- Transit
- Bicycling
- Walking
- HOV/HOT Lanes
- Context-Sensitive Design
- User View and Comfort
- Traffic Calming
- Personal Security
- Mixture of Uses
- Connectivity
- Pedestrian-Oriented Environment
- Compact Development
- Parking Management
- TDM
- Lane Limits
- Change Standards

- More Lanes
- More Roads
- More Pavement

- More Efficiency
- More People, Not Cars
- More Roads
- System Management
- ITS / A.V.
- ITS
- A.V.

- Manage, Not “Solve”
- Move People, Not Cars
- Move Less People, Fewer Miles
- Improve Quality of Travel
- Maturing Community
- Expanding Community
Induced Demand: Mature Communities - Chain of Impacts

Higher Congestion

FIRST ORDER
- Increase Delay
- Increase Cost

SECOND ORDER
- Improve Home
- Use Alternative Modes
- Drive Less
- Own Fewer Cars

THIRD ORDER
- Keep Business & Jobs
- Community Reinvestment
- Main Street
- Improved public health
- Less VMT
- Reduced Energy Demand
- Lower Carbon Footprint
- Decreased Household Transportation Costs

Improved public health

Lower Carbon Footprint

Decreased Household Transportation Costs
Transportation choices provide capacity, improve livability, create resiliency, and ensure flexibility.