Missouri Bicycle Federation, Inc.

A Vision of Active Transportation in Missouri
ELEMENTS

• Clear statement
• Results tracker
• Annual assessment
• MoBikeFed.org/vision
PRIMARY 10-YEAR OUTCOMES

• National best practices
• Reasonable goals
• Measurable
PRIMARY 10-YEAR OUTCOMES

• We need your help!
In the next 10 years we will build a movement of healthy neighborhoods, cities, and streets filled with healthy bicyclists and pedestrians throughout Missouri.
PRIMARY 10-YEAR OUTCOMES

- Double
- Half
- 50%
PRIMARY 10-YEAR OUTCOMES

MO:
- 2 million bicyclists
- 5.8 million pedestrians
Near national average
% of trips by walking/bicycling

US: 9.5%
% of trips by walking/bicycling

US: 9.5%
MO: 5%
PRIMARY 10-YEAR OUTCOMES

% of trips by walking/bicycling
US: 9.5%
MO: 5%
Columbia: 10%
% of Trips to Work by Bicycle

US: 0.5%

Source: US Census, American Community Survey, 2007
% of Trips to Work by Bicycle

US: 0.5%
MO: 0.2%

Source: US Census, American Community Survey, 2007
% of Trips to Work by Bicycle

Source: US Census, American Community Survey, 2007
% of Trips to Work by Bicycle

Source: US Census, American Community Survey, 2007
% of Trips to Work by Bicycle

Source: US Census, American Community Survey, 2007
Primary 10-Year Outcomes

Bicycle Mode Share (quick’n’dirty)

MO Bike/Ped (% of total, 2006):

• Trips 5%
• Fatalities 7.4%
• Injuries 14.5%
Grade?
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Categories

- Building a movement
- Encouraging activity
- Improving safety
- Building a world class network
- Education, encouragement, enforcement, engineering, evaluation, equality
BUILDING A MOVEMENT

• Elected officials engaged
• Legislative advocacy
  • Bicycle Day @ Capitol (Feb 24th)
  • National Bike Summit (March)
• Bike/Ped Committees
  - Local, metro, state
• Advocacy organizations
  - Local, metro, state

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BUILDING A MOVEMENT

• Clubs & Organizations
• Businesses
• Economic Impact (MO)
  – $950 million retail sales
  – $1.2 billion total activity
  – 14,365 jobs
  – $79 million in state tax revenue
• Goal: Double that
BUILDING A MOVEMENT

• MoBikeFed Membership
  - More individuals/groups
  - * Entire * state

• Groups support Vision
  – Goal: 100
ENCOURAGING ACTIVITY

- %
- Bike Month/Bike to Work Week
- Walk/Bike to School Month
- Businesses
- Cyclovia/Car-Free Days in Parks
- Tourism
- Images
- Bicycle maps
- Collect statistics
ENCOURAGING ACTIVITY - %

City of Portland

With 1990 bikeway network...
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ENCOURAGING ACTIVITY - %

Bicycle Commute Mode Split 1990

With 1990 bikeway network...

...and 1990 mode splits (by census tract)
ENCOURAGING ACTIVITY - %

Bicycle Commute Mode Split 1990

With 2000 bikeway network...

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Encouraging activity - %

Bicycle Commute Mode Split 2000

With 2000 bikeway network...

...and 2000 mode splits
Encouraging Activity - %

Combined Bicycle Traffic over Four Main Portland Bicycle Bridges Juxtaposed with Bikeway Miles

Cyclists per Day

Bikeway Miles

- Bridge Bicycle Traffic
- Bikeway Miles

1991: 2,050, 78.1
1992: 3,595, 83.6
1993: 3,085, 86.1
1994: 3,030, 103.1
1995: 3,207, 113.1
1996: 4,520, 143.6
1997: 5,225, 166.3
1998: 5,699, 192.6
1999: 5,910, 213.2
2000: 6,015, 221.7
2001: 7,586, 235
2002: 6,250, 251.9
2003: 6,562, 254.4
2004: 6,875, 260
2005: 10,192, 262.1
2006: 12,046, 262.6

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Portland’s experience:

• <1% of transportation budget
• >5% of trips
• Started where we are now
• ~15 years
ENCOURAGING ACTIVITY

Walk/Bike to School Month
- October
- National program
- Works

--> Safe Routes to School
ENCOURAGING ACTIVITY

Bike Month/Bike to Work Week

- May
- National program
- Works!
ENCOURAGING ACTIVITY

Businesses
- Health/fitness programs
- Alt. commute programs
- Works!!

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ENCOURAGING ACTIVITY

Ciclovia/Carfree Parkway

- Close street to cars; regular schedule
ENCOURAGING ACTIVITY

Tourism
- bike/hike = 4.2%
- > Golf-Beach-Home
Show-Boat
- < Night life-camping-hunt-fish-gambling

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ENCOURAGING ACTIVITY

Use Active Transportation Images

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ENCOURAGING ACTIVITY

Bike Maps

- City, metro, county, state
- Very helpful for bicyclists
- Trails + on-road routes
- Consult bicyclists!

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ENCOURAGING ACTIVITY

Bike/Ped Counts
- Nationwide effort/protocol
- MoBikeFed.org/BikePedCounts
ENCOURAGING ACTIVITY

Bicycle/Walking Trips
MO: 5%
U.S.: 9.5%

Grade: D
IMPROVING SAFETY

- Traffic justice
- Reports
- Bike/Ped Enforcement
  - League Cycling Instruction
    - Inexpensive/free; widely available
    - More LCIs/LCI training
  - More walking/bicycling = greater safety
League Cycling Instruction

After the course:
- 87% ride more
- 100% feel safer
- 35% of auto trips replaced with bicycle trips
League Cycling Instruction

Because of the course, I now ride many more kinds of places than I used to. In other words, I don’t feel limited to the trails, but feel free to ride on the streets now.
League Cycling Instruction

The class was really the catalyst for riding more. I had been wanting to ride more but had a million excuses not to. The class took away my excuses & now I’m riding to work once or twice a week!
League Cycling Instruction

Besides teaching me skills, it kind of shifted my whole attitude toward biking. Before, biking was a recreation only, on-the-trail kind of thing. Now it’s more useful, a workable means of getting around in everyday life.
More bicycling & walking = Greater safety

**Figure 1** Walking and bicycling in 68 California cities in 2000.
The Virtuous Cycle

More bicycling/walking

More public support

Better facilities/programs
Bicyclists and pedestrians:
5% trips
7.5% deaths
15% injuries

Grade: D
BUILDING WORLD CLASS NETWORK

• Bicycle, pedestrian, trails plans
• Bike/Ped coordinators
  - local, metro, statewide
• MoDOT policy and practice
• Track bike/ped in projects
• Spend existing money better (TE, CMAQ)
BUILDING WORLD CLASS NETWORK

• Complete Streets policies
  - local, metro, statewide, national
• Bikes on transit 100%
• Bicycle parking requirements
• Katy Trail network
• Bicycle Friendly Communities

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Katy Trail Network

- 1990 (?)
- 0 miles
- 0 population within 2 miles

(CONCEPTUAL!)
Katy Trail Network

- Current
- 225 miles
- 210,000 population within 2 miles

Proposed 4 state trail

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KATY TRAIL NETWORK

Proposed 4 state trail

- 5 years
- 300 miles
- 350,000 population within 2 miles

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- Long term (20 years?)
- 800+ miles
- 2.5 million + population within 2 miles

(Conceptual!)
BICYCLE FRIENDLY CITIES/STATE

- National program; levels
- Best single thing; not hard
- Comprehensive – 5 Es
- Roads AND trails
- BicycleFriendlyCommunities.org
BICYCLE FRIENDLY CITIES/STATE

Current

• State: 26/50 overall
  42/50 infrastructure
• Cities: 0
BICYCLE FRIENDLY CITIES/STATE

5 Year Goal

• State: Bronze
• Cities: 1 Silver

5 Bronze
5 more engaged in BFC
BICYCLE FRIENDLY CITIES/STATE

20 Year Goal

• State: Platinum
• Cities: 5 Gold/Platinum
  10 Silver
  15 Bronze
  50% Engaged in BFC
Bicycling infrastructure ranked 42/50
Weak statewide bike/ped policies
Few bike/ped/trails plans
Few bike/ped coordinators
Few/weak Complete Streets policies
No Bicycle Friendly Communities

Grade: D
Overall Grade?
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Overall Grade

- Building a movement - B
- Encouraging activity - D
- Improving safety - D
- Building a world class network – D

Overall: D

Improvement: C+
Our Goals

• D to A
• Platinum Bicycle Friendly State
• Double bicycling/walking
• Halve injury/fatality rate

Missouri Bicycle Federation, Inc.
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YOU CAN HELP . . .

• Endorse the Vision
  – Individuals
  – Organizations

• Implement one thing?

• Join