

2006 Minneapolis Bicycle Program Accomplishments



Bicycle Advisory Committee 2006 Discussions

- **Creative Operations and Maintenance Solutions**

- **Tall Bicycles**

- **Strategic Planning**

- **Bicycle Advocacy**

- **NUTCD Updates**

- **Safe Routes to School**

- **Bicycle Gap Study**

- **Funding Strategies**

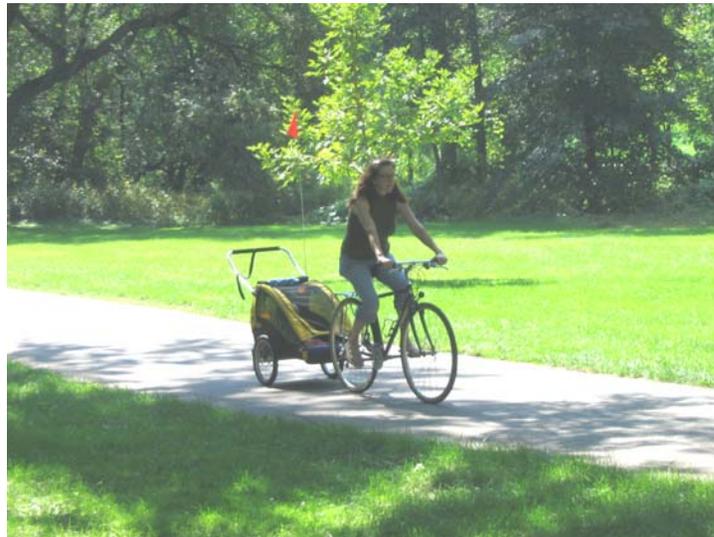
- **Bicycle Way-finding and Signage Policy**

- **Non-Motorized Transportation Pilot Program**



Minneapolis Park and Recreation Board Bicycle Program Accomplishments

- Planning for the St. Anthony Trails in NE Minneapolis
- Acquisition of right-of-way for the Phase 1 Upper River Trails
- Preparations for a 2007 public bicycle ride
- Planning for Wabun Park Trails
- On-Going Maintenance: New pavement markings for existing trails
- **4 Bicycle Rodeos were held at neighborhood parks**



Education Accomplishments

- **Safe Routes to School**
 - **Infrastructure Grant Secured (\$170,000)**
 - **Education Grant Secure (\$10,000)**



Collaboration

CITY COLLABORATION

- Richfield
- Edina
- Bloomington
- St. Anthony
- Lauderdale
- Columbia Heights
- Roseville
- Falcon Heights
- St. Paul
- St. Louis Park

AGENCIES

- MnDOT
- Met Council
- FHWA
- Three Rivers Park District
- Hennepin County
- Ramsey County
- University of Minnesota

NON-PROFIT GROUPS

- Transit for Livable Communities
- Midtown Greenway Coalition
- Rails to Trails Conservancy





2006 Bicycle Counts

12 Hour Counts:
Bryant Avenue South/Lyndale Ave S

Peak Hour Counts:

- Midtown Greenway at Hiawatha
- Stone Arch Bridge
- Hennepin Ave and 4th Street
- 28th Street and Portland Ave. S
- Franklin Ave. E and Nicole Ave. S.
- Cedar Lake Trail at Lyndale
- 18th Ave. and Fillmore St. NE
- 15th Ave SE. and University Ave SE
- Plymouth Ave. N and 2nd St. N
- 42nd Street and Minnehaha Ave.
- Riverside and 20th Ave S.
- Beltline Blvd and SW LRT
- Bridge #9
- Lake Street and West River Road/Trail

Community Outreach

- Eastside Bicycle Task Force
- North Minneapolis Bicycle Task Force
- RiverLake Greenway Project Task Force



2006 Events



Great River Energy Bicycle Festival

2006 Commuter Challenge

Midtown Greenway Arbor Day Event

Minneapolis TMO Commuter Fairs

2006 Bike Expo

Midtown Greenway Phase 3

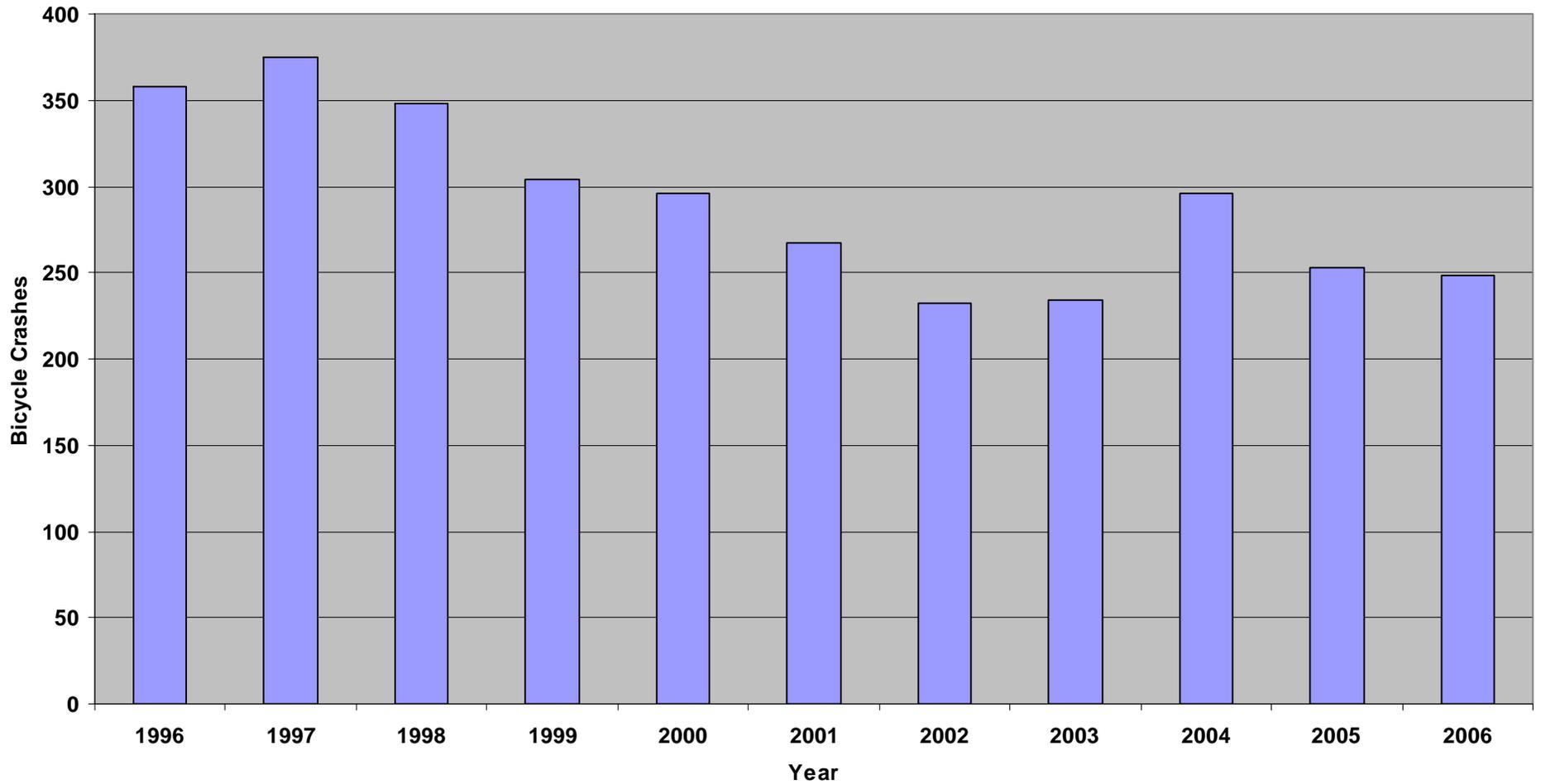
Grand Opening

Bryant Bikeway

Grand Opening

Safety

1996-2006 Bicycle Crashes

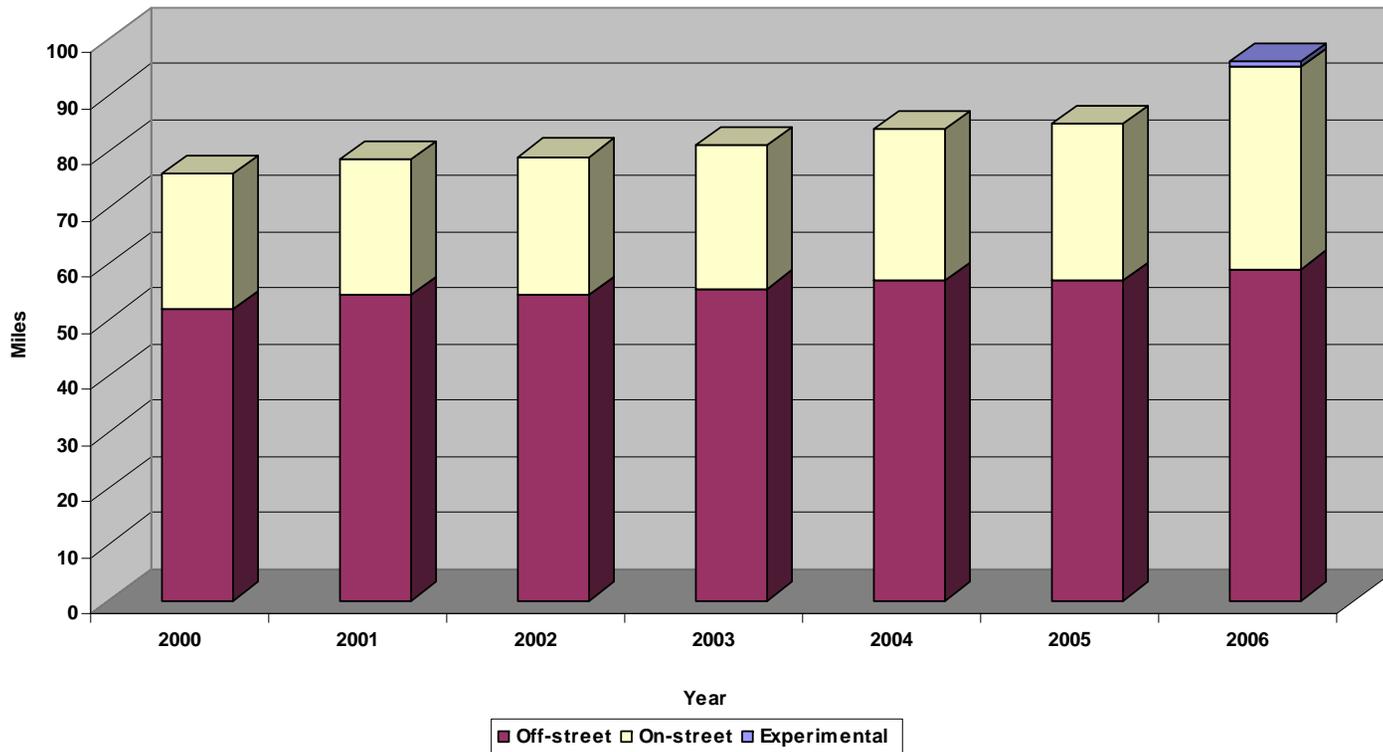


■ Bicycle Crashes

Infrastructure



City of Minneapolis
Miles of New Off-Street Trails and On-Street Bikeways



2006 Additions

- 2 Miles of New Trails
- 8 Miles of New Bike Lanes
- 1 Mile of New Experimental Treatments

Funding Secured in 2006

- \$160,000 in Net Debt Bonds for the Midtown Greenway Bicycle Station
- \$40,000 in Net Debt Bonds for Bicycle Parking
- \$1,000,000 Federal Enhancements Funding for the River Lake Greenway (2010)
- \$1,000,000 Federal Enhancements Funding for the 18th Ave NE Trail (2010)
- \$1,000,000 Federal Enhancements Funding for the West River Parkway Trail (2010)

\$3,337,000 in total funding secured for the bicycle program in 2006

\$4,940,000 in total funding secured for the bicycle program in 2005

\$4,388,000 in total funding secured for the bicycle program in 2004

Projects Completed in 2006

Central Avenue Trail



Northside Bicycle Lanes



Loring Bikeway – Phase 2



Midtown Greenway
Phase 3



Bryant Bikeway Markings

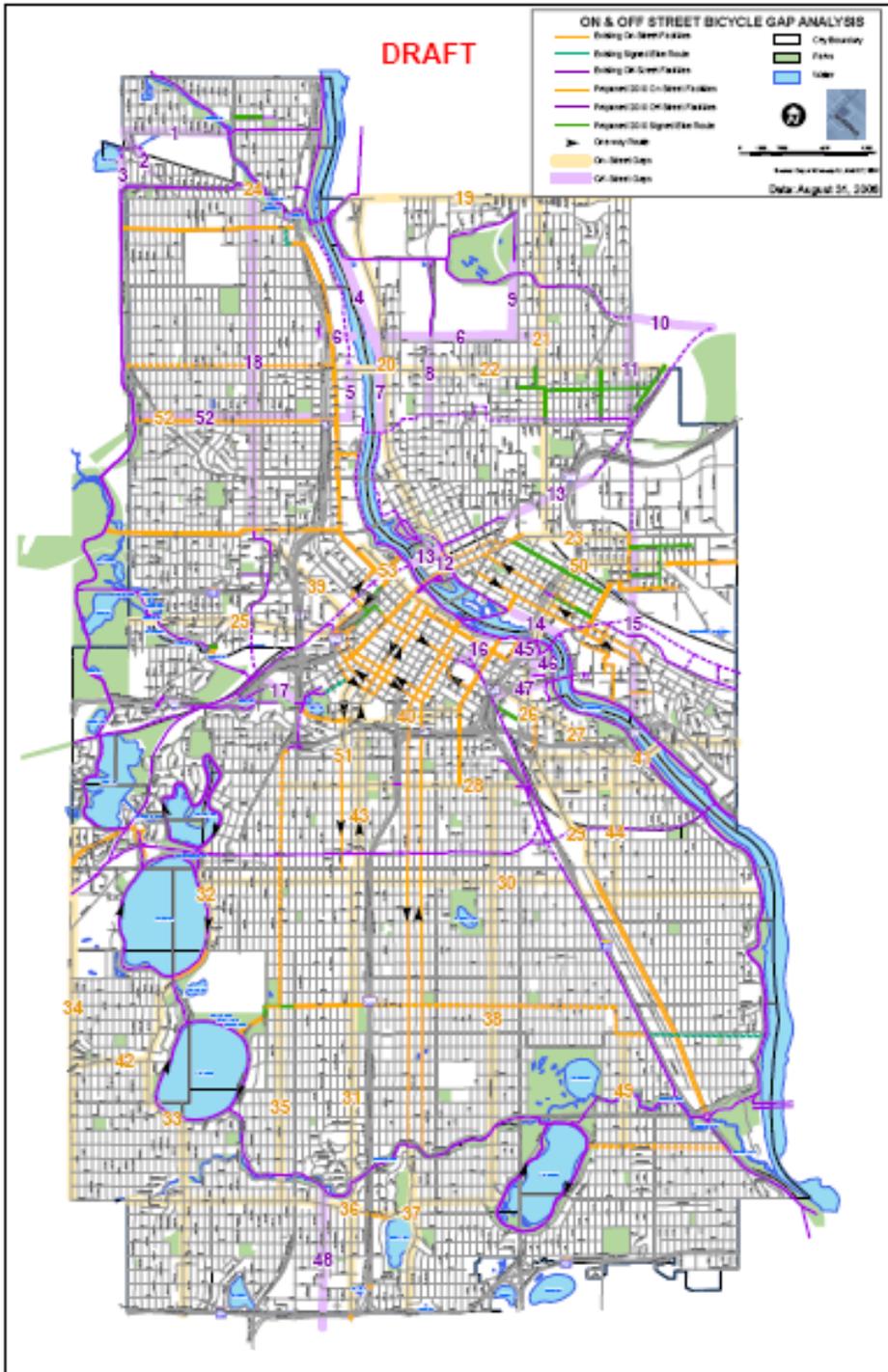


Loring Bikeway
Art in Public Places

- NE Diagonal Trail
- Hennepin/1st Avenue NE Bike Lanes
- Van White Blvd Bridge Bicycle Improvements
- Upper River Phase 1 Trails (West Side of Mississippi River)
- Main Street Bridge Bicycle Lanes
- Midtown Greenway Bicycle Station
- Midtown Greenway Bridge Over Hiawatha
- St. Anthony Trail
- Ryan Lake Trail
- 50th Street Bicycle Improvements

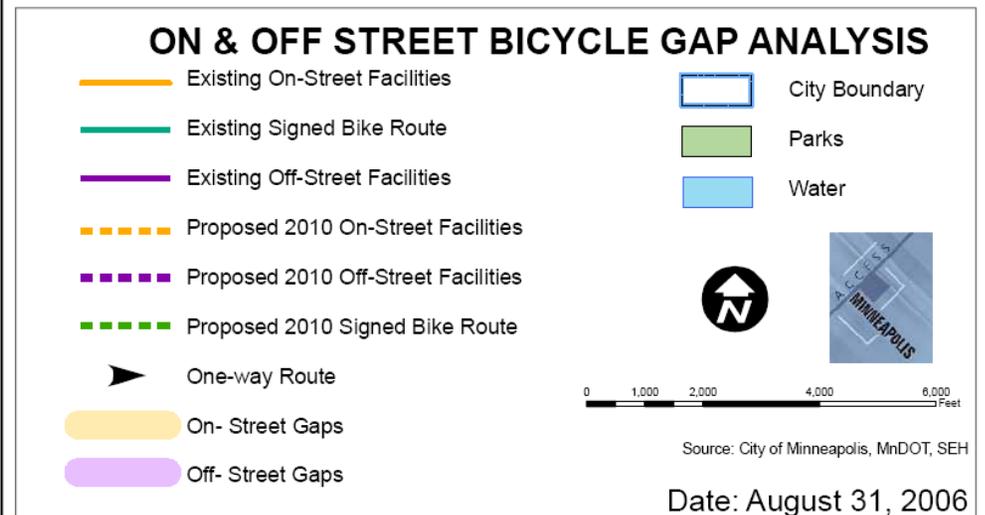


2007 Construction Projects

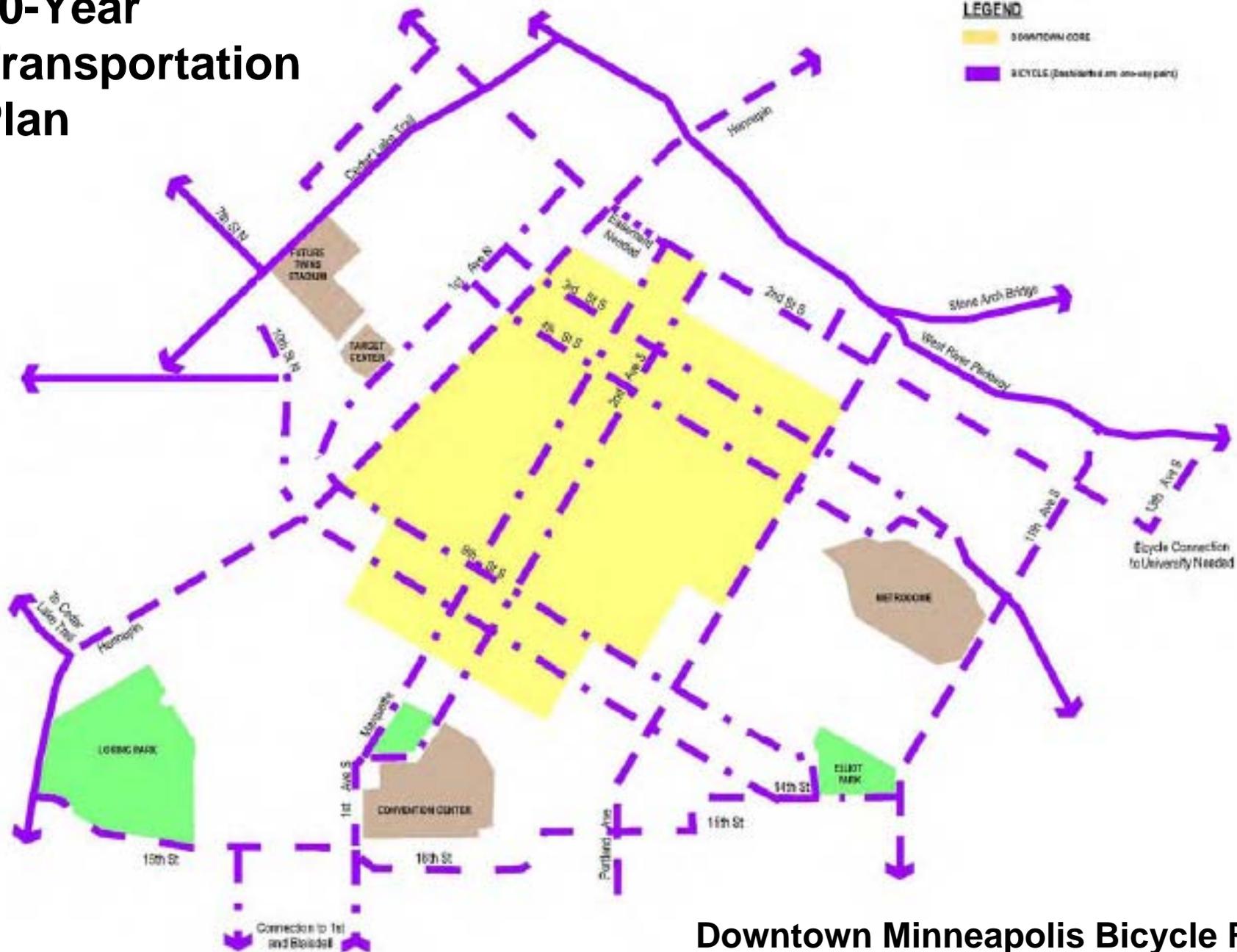


Bikeways Gap Analysis

- Over 50 gaps identified
- \$50 million worth of improvements
- Trails - \$3 million per mile (capital cost)
- Bike lanes - \$50,000 per mile (capital cost)
- Redevelopment initiatives are opportunities



10-Year Transportation Plan



Downtown Minneapolis Bicycle Routes

Bicycle Detour Routes

Van White Blvd/Cedar Lake Trail



Park Ave Bridge Project



Midtown Greenway



Bridal Falls Bridge Project

Bicycle Signage and Wayfinding Guidelines/Standards



2006 Bicycle Parking Inventory

5 out of 12 (42%) Post Offices have bicycle racks

35 out of 77 (45%) Schools have bicycle racks

84 out of 126 (67%) Parks have bicycle racks

14 out of 15 (43%) Libraries have bicycle racks

3,964 Bicycle Racks,
16,519 Parking Spaces
331 Lockers

2006 Bicycle Parking Installations

Augsburg College



Farmer's Market



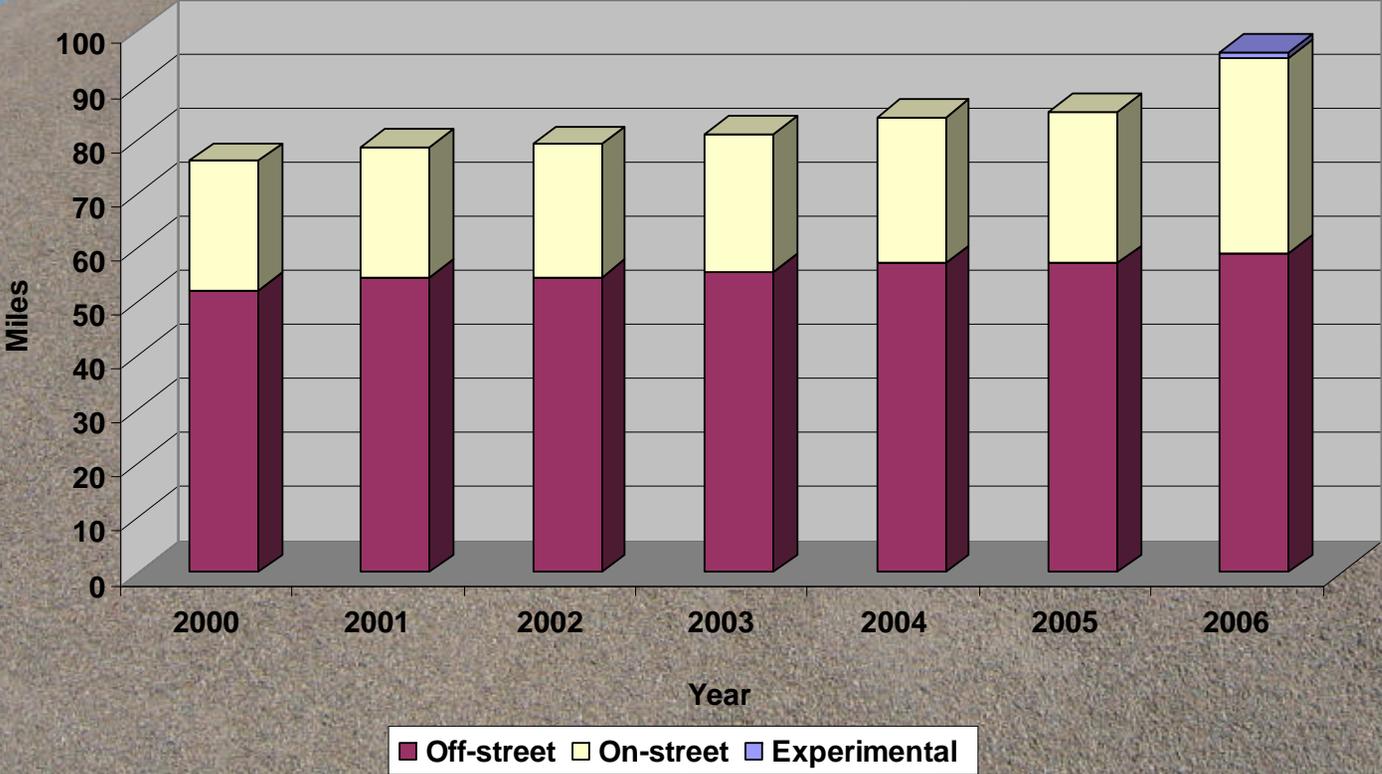
Central Library



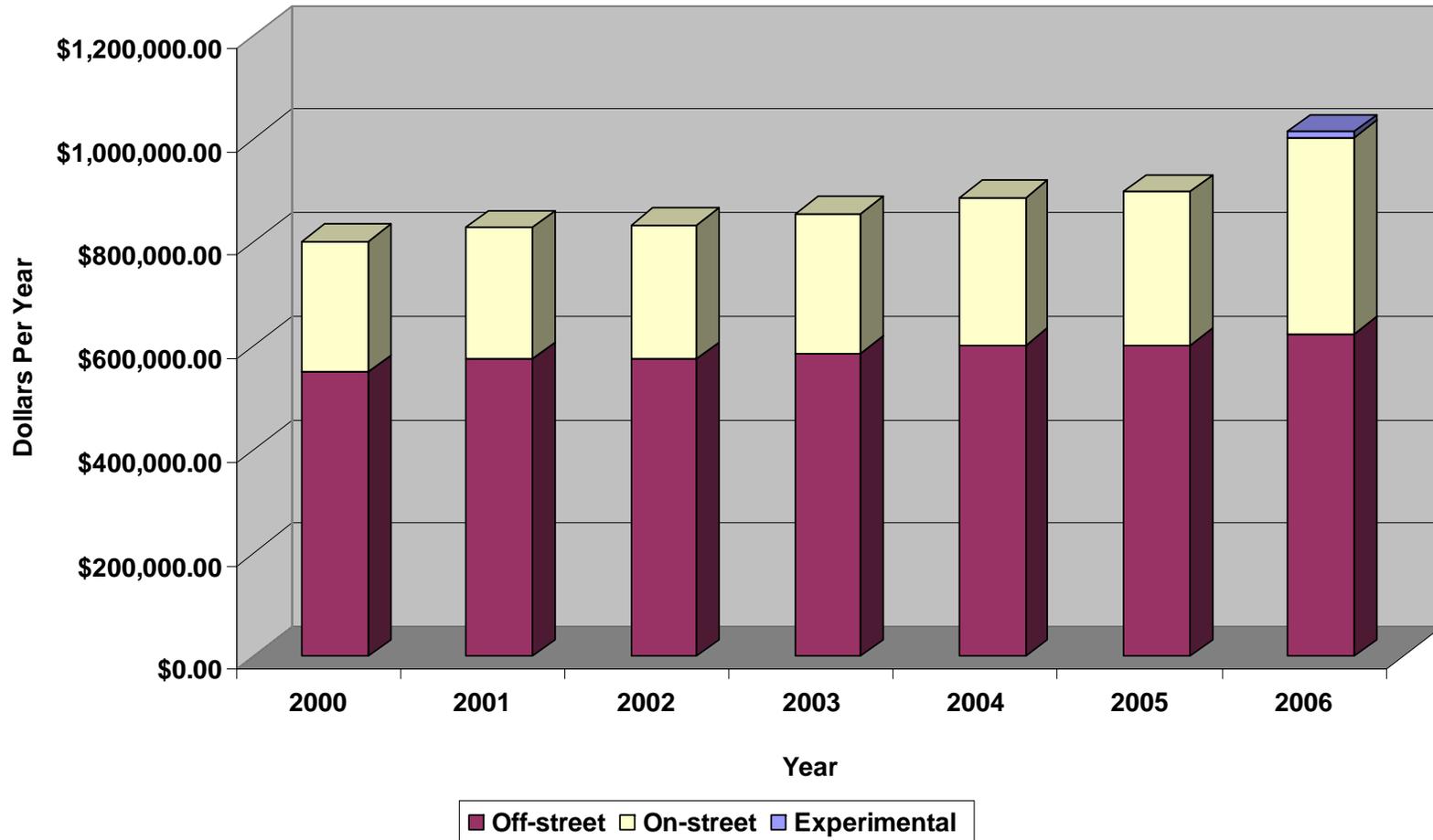
Guthrie Theatre

Operations and Maintenance

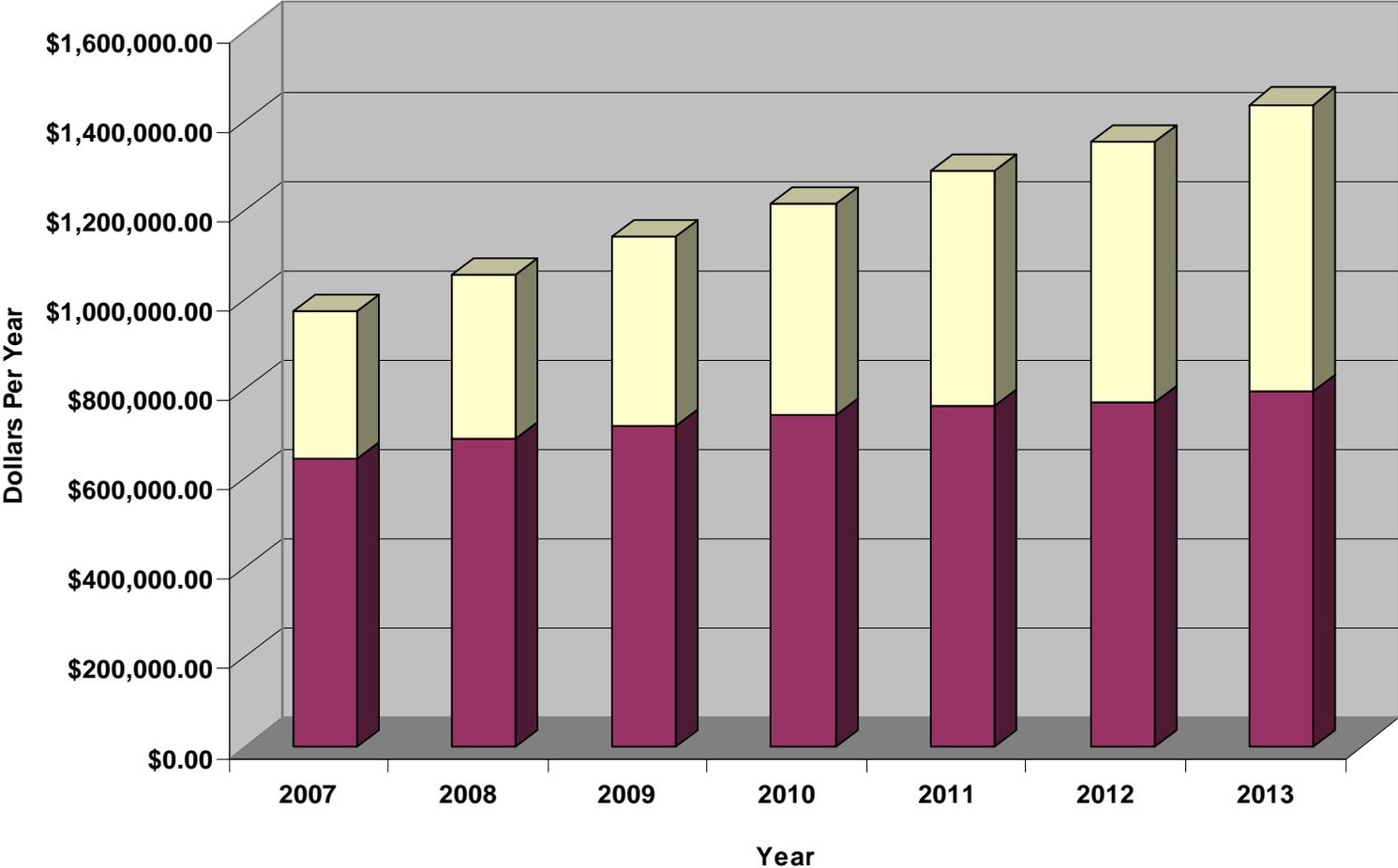
City of Minneapolis
Miles of New Off-Street Trails and On-Street Bikeways



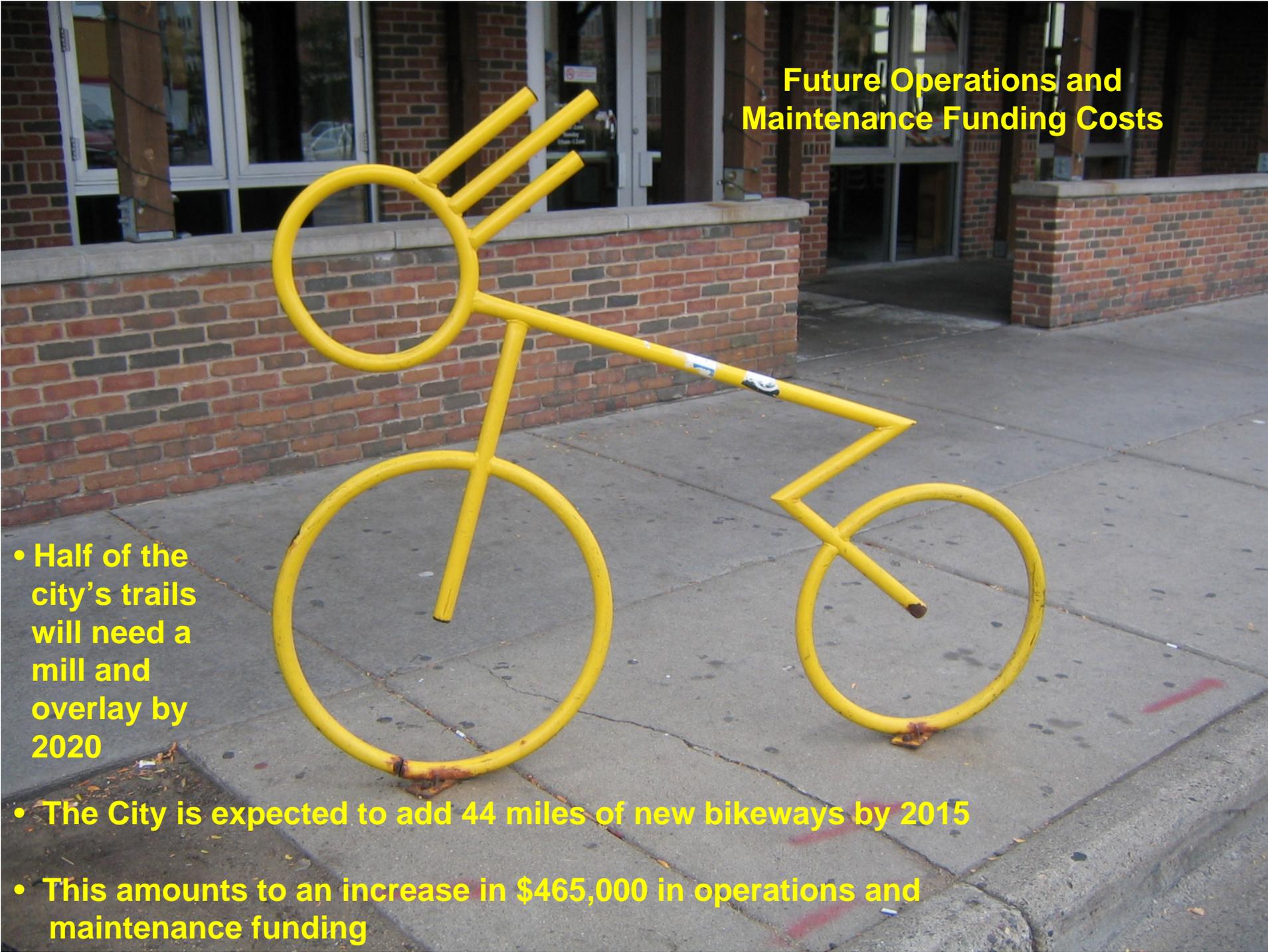
Annual Maintenance and Operations Funding Required (City of Minneapolis and Minneapolis Park and Recreation Board)



Future Annual Maintenance and Operations Funding Required (City of Minneapolis and Minneapolis Park and Recreation Board)



■ Off-street ■ On-street ■ Experimental

A yellow bicycle sculpture is positioned on a concrete sidewalk in front of a brick building. The sculpture is made of thick yellow metal pipes. The front wheel is a large circle, and the rear wheel is a smaller circle. The frame is a simple line, and the handlebars are three parallel pipes extending upwards. The building behind it has large windows and a brick facade.

Future Operations and Maintenance Funding Costs

- Half of the city's trails will need a mill and overlay by 2020
- The City is expected to add 44 miles of new bikeways by 2015
- This amounts to an increase in \$465,000 in operations and maintenance funding



Operations and Maintenance Funding Ideas

- Reduce maintenance
- Advertisements along trails
- Merchandising
- Sales tax on bicycles
- Fundraisers
- Referendum/levy
- User fees or permits
- Maintenance endowments
- Increase operations fund
- More preventative maintenance

2007 Goals

- **City to be designated a Bicycle Friendly City by League of American Bicyclists**
- **Bicycle crashes reduced by 10%**
- **Bicycle mode share increased by 10%**
- **Ensure regional equity**
- **More bicycle education at schools and businesses**
- **All Parks, Schools, Libraries, and Post Offices to have adequate bicycle parking by the end of 2007**
- **Expand tourism and promotion**



Employee Incentives

- Guaranteed Ride Home
- Flex time for bicyclists
- Office bicycles
- Tax incentives for bicyclists
- Transportation stipend for bicyclists
- Showers and lockers
- Bike storage rooms



Future Projects

- Cedar Lake Trail (2008)
- East River Road Trail (2008)
- Midtown Greenway Bridge Over the Mississippi (2009)
- West River Pkwy Trail (2009)
- RiverLake Greenway (2010)
- 18th Ave NE Trail (2010)
- Bicycle Parking (2007-2011)



Future Initiatives

A photograph of a cable-stayed bridge at night. The bridge features a central pylon with numerous stay cables fanning out to support the deck. The railings and cables are illuminated with a warm, yellowish light, creating a glowing effect against the dark blue night sky. The perspective is from the center of the bridge, looking down its length.

- Improved bike map
- Bicycle clinics
- Targeted marketing
- Interactive website
- Bicycle ambassador program
- Bicycle baiting anti-theft program
- Employee mentoring

Is the Bicycle Program On-Track?

