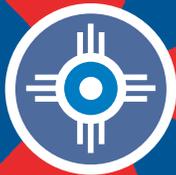


WICHITA BICYCLE MASTER PLAN

2013 ANNUAL
IMPLEMENTATION



PROGRESS
REPORT

Wichita Bicycle Master Plan 2013 Annual Implementation Progress Report

Introduction	1
Bicycling in Wichita: By the Numbers	2
Performance Measures in 2013	5
Other Accomplishments of 2013	14

Introduction

The City of Wichita Bicycle Master Plan (Plan) is a ten-year guide for the development and implementation of bicycle projects and programs for Wichita. The Plan was created with the input of over 4,000 individuals through surveys; volunteer committees; and community events. The Plan establishes goals, objectives, actions, priorities, and performance measures to improve bicycling in Wichita. Strategy 30 of the Plan recommends that the City establish and report performance measures to monitor progress implementing the Plan.

This annual implementation progress report highlights the progress made in achieving the performance measures laid out in the Plan. Relevant performance measures may vary by year, as the Plan includes a timeline which states the recommended dates by which several of the performance measures should be achieved. Other performance measures are relevant on an ongoing basis, recommending yearly measurable progress. For the consolidated list of performance measures, please see Appendix A. The full City of Wichita Bicycle Master Plan is available on the City of Wichita website at:

<http://www.wichita.gov/Government/Departments/Planning/Pages/Bicycle.aspx>



Bicycling in Wichita: By the Numbers

Goal 1 of the City of Wichita Bicycle Master Plan is to increase the amount of bicycling in Wichita. The Plan sets the benchmark for this goal as tripling the amount of bicycling over the next ten years (2012-2022). To monitor progress toward this goal, Strategy 30 of the Plan calls for counting bicyclists on a regular basis, including bi-annual volunteer counts.

Manual Counts

In September of 2012, and then again in September of 2013, the Wichita Area Metropolitan Planning Organization (WAMPO) conducted volunteer counts at various locations throughout Wichita. These counts captured bicyclist and pedestrian traffic during one week day between 5:00 PM and 7:00 PM and one weekend day between 12:00 PM and 2:00 PM at various locations throughout Wichita.

The results of this count show that both bicycle and combined bicycle and pedestrian traffic had increased as a whole. Specifically, from 2012 to 2013 bicycle traffic increased by over 18.5%, and total bicycle and pedestrian traffic increased by over 25%. These increases occurred during both the week day and the weekend day sampling periods.

Table 1: Bicycling Counts

	Year 2012	Year 2013	Difference
Week Day People Bicycling	202	292	90
Weekend Day People Bicycling	305	309	4
Total	507	601	94

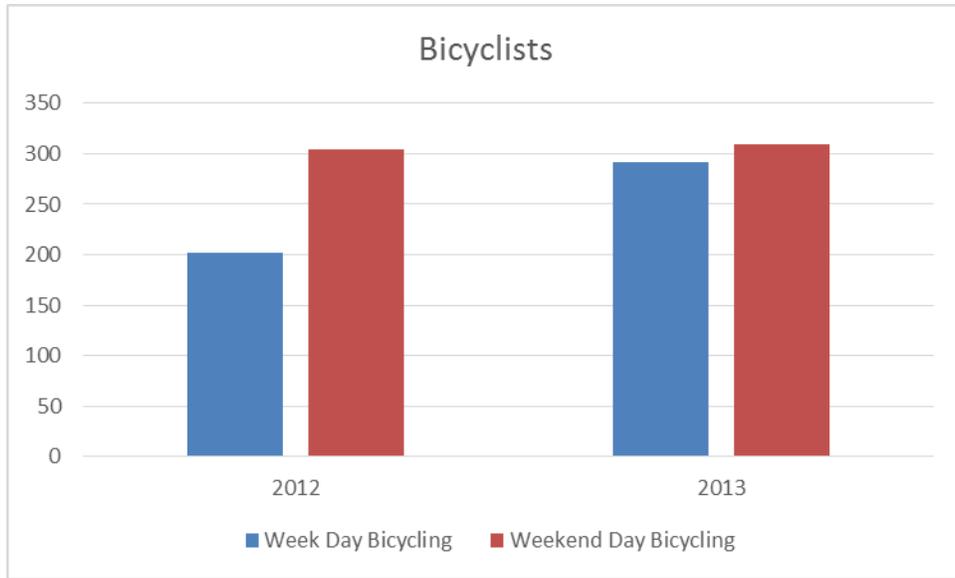
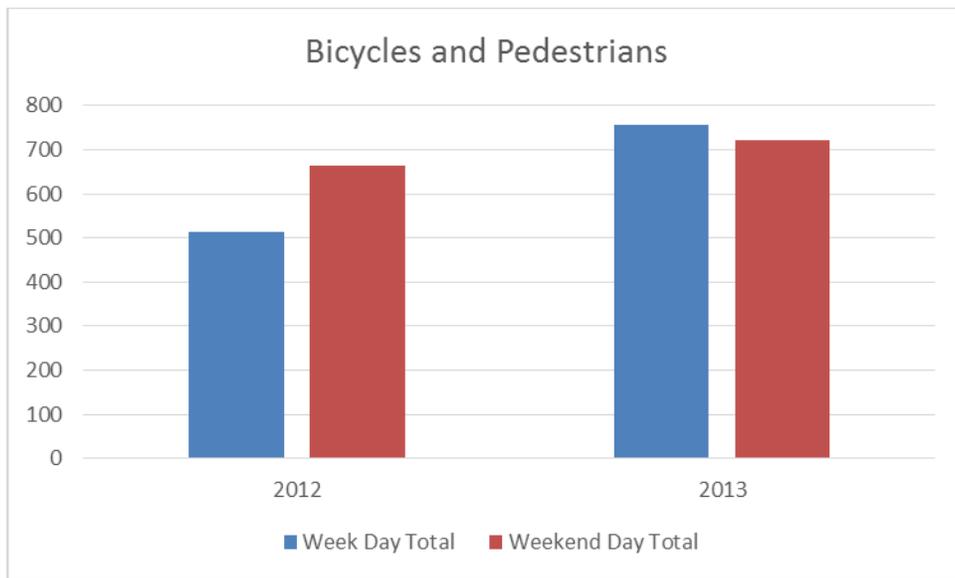


Table 2: Bicyclists and Pedestrian Combined Counts

	Year 2012	Year 2013	Difference
Week Day Total	513	756	243
Weekend Day Total	665	721	56
Total	1,178	1,477	299



Automated Counts

In addition to the WAMPO volunteer count, data were collected using automated counters. The City of Wichita currently utilizes three automatic infrared counters to track people walking/running and bicycling on shared-use paths. Infrared counters function using passive infrared technology, counting bicycles and pedestrians as they pass by detecting change in thermal contrast. The counters are installed in cedar posts at the following locations.

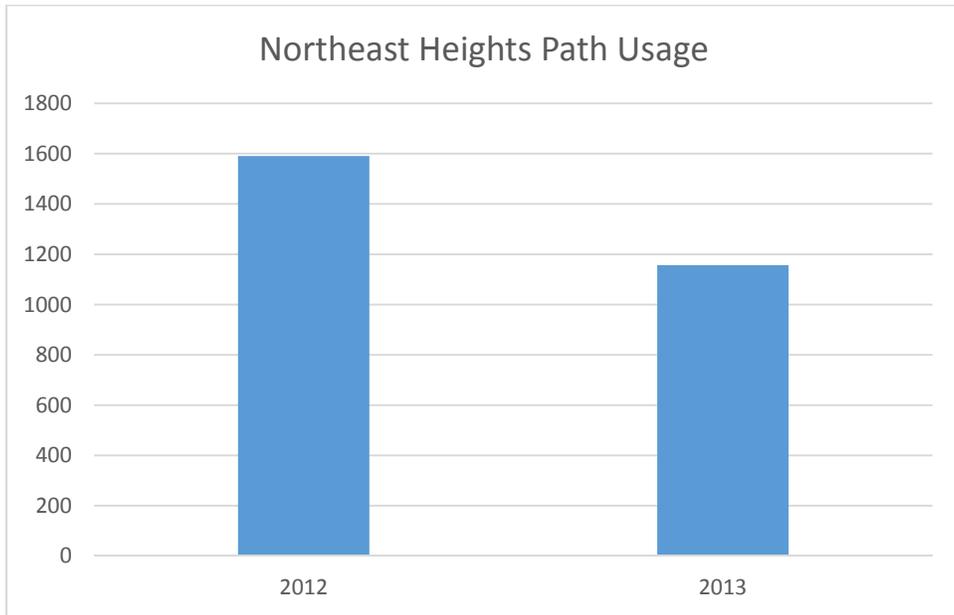
- along the Arkansas River path;
- in Dr. Glen Dey Park (formerly known as Grove Park); and
- in the Northeast Heights Neighborhood

During the summer of 2013, the three counters were tested for their reliability using a manual count. This manual count was conducted by an intern in the City of Wichita Planning Department during times of elevated bicycle and pedestrian traffic, avoiding times of inclement weather. The counter at the Northeast Heights location over-counted by approximately 9%. Staff reviewed the conditions at the Northeast Heights location and identified the surrounding vegetation as a potential cause of the over counting. A staff person cleared the surrounding vegetation and a second round of testing was conducted for the Northeast Heights counter. After the clearance of the vegetation the Northeast Heights counter performed as well as the others.

Because of maintenance issues, data at all three locations are incomplete for a full comparison of 2012 and 2013; however, partial data was available at the Northeast Heights site. Because of the aforementioned discrepancy of this counter, however, these data should be interpreted with caution. Further, because the TRAFx counters do not distinguish between bicycles and pedestrians, it is not known how representative these data are to bicycle use along this path. This counter revealed a decrease of over 27% in use of this path from 2012 to 2013.

Table 3: Bicycle and Pedestrian Combined Automated Counts

	May 23 – June 19 2012	May 23 – June 19 2013	Difference
Week Day Total	756	513	-243
Weekend Day Total	721	665	-56
Total	1,477	1,178	-299



Performance Measures in 2013

Strategy 1: Provide bicycle facilities on designated streets and off-street bicycle facilities

Performance Measure	Performance Target	Performance in 2013
Number of miles of new facilities installed	Average of 15 miles/year	4.5 miles

Other related activities that have taken place in 2013

- Sharrows installation on 21st Street
- Aviation Pathway from ``Wichita to Derby
- Air Capital Memorial Park mountain bike single-track trails
- City Council authorized budgets for design work on eight bicycle facilities:
 - 1st and 2nd Street (Hoover to Grove)
 - Market and Topeka (21st to Mt. Vernon)
 - Woodchuck Bicycle Boulevard (Sedgwick County Park to University)
 - Armour Bicycle Boulevard (K-96 Path to Gypsum Creek Path)
 - WSU to I-135 Path (Wichita State to Schweiter and I-135)
 - Sycamore Street Shared Lane Markings (Douglas to Glenn)
 - Mt. Vernon Street (Broadway to Woodlawn)
 - Redbud Shared-Use Path (Oliver to Woodlawn)



Strategy 2: Install a Signed Bicycle Route Wayfinding System

Performance Measure	Performance Target	Performance in 2013
Number of miles of signed bicycle routes	Average of 20 miles/year	1.1 miles

Other related activities that have taken place in 2013

- Donation and installation of Perry Avenue bicycle route signs
- KHF Recognition Grant application

Strategy 3: Improve bicycle safety and access at arterial roadway crossings

Performance Measure	Performance Target	Performance in 2013
Number of roadway crossing improvements	Average of 2 crossing improvements per year	0

Strategy 4: Improve bicycle access to transit

Performance Measure	Performance Target	Performance in 2013
Number of locations with improved bicycle access	Average of two per year	0

Strategy 5: Increase the availability of bicycle parking throughout Wichita

Performance Measure	Performance Target	Performance in 2013
Number of bike racks installed	Install average of 25 bike racks per year	0

Other related activities that have taken place in 2013

- Updated Delano bicycle parking plan
- Established process for bicycle rack installation on the public right-of-way

Strategy 6: Determine if a bike share program would be good for Wichita

Performance Measure	Performance Target	Performance in 2013
Study completed	Study completed	No Action

Strategy 7: Prioritize and fund bicycle facility maintenance

Performance Measure	Performance Target	Performance in 2013
Existing bicycle facilities maintained	Bike lanes swept 6 times per year	Residential streets: 1-3 times/year Arterial streets: 8 times/year Core-area streets: 2 times/week
Existing bicycle facilities maintained	Bike lanes/shared lane markings re-painted every two years	0.68 miles re-marked
Existing bicycle facilities maintained	1 major maintenance project in CIP	0

Strategy 8: Incorporate the facility recommendations from this plan into the WAMPO Metropolitan Transportation Plan and other related plans

Performance Measure	Performance Target	Performance in 2013
Incorporate facility recommendations	Date TBD	No Action

Strategy 9: Provide printed, online, and mobile device bicycling guides

Performance Measure	Performance Target	Performance in 2013
Develop map	Develop map by 2015	<ol style="list-style-type: none"> 1. WAMPO Created Greater Wichita Area Bicycle Map 2. Sedgwick County Printed versions of Greater Wichita Area Bicycle Map and distributed 3. No Action on mobile devices
Develop on-line wayfinding map	Develop by 2018	<ol style="list-style-type: none"> 1. Posted Greater Wichita Bicycle Map on City of Wichita website



Strategy 10: Educate Wichita transportation system professionals and users about new bicycle facility types, planning, design and bicycle-related issues that may arise

Performance Measure	Performance Target	Performance in 2013
Number of trainings and/or educational events held each year	Minimum of 1 professional training ever year, and 2 public events with education component per year	1. 2 professional trainings 2. 0 public events with education component

Other related activities that have taken place in 2013

- AASHTO Bikeway Design Training – sponsored in partnership with the Health and Wellness Coalition of Wichita
- Hosted “Navigating MAP 21” workshop
- Two City of Wichita staff members attended the Bicycle Design and Engineering Workshop held by Portland State University – sponsored by the Health and Wellness Coalition of Wichita

Strategy 11: Promote bicycle education and encouragement in Wichita through partnerships with community organizations and businesses

Performance Measure	Performance Target	Performance in 2013
Growth of community-wide bicycling events per year	Bicycling events grow each year	Held 8 bicycling events
Number of Effective Cycling Instructors (National Certification Program through the League of American Bicyclists)	Average of 1 new Effective Cycling Instructor per year	0 instructors in Wichita

Other related events that have taken place in 2013

- Bike Month 2013:
 - Wichita City Council and Sedgwick County Commission proclamation
 - Bike to Work Day (May 17th) – free breakfast and lunch
 - Bicycle repair instruction
 - Learn to BMX clinic
 - Local promotions (Wichita Wingnuts, Sedgwick County Zoo, Botanical Gardens)
 - Ozsome Bike Fest
 - Wicked Wind Bicycle Ride
 - Food for Thought Poker Ride
 - Fix-A-Flat Friday
- Delano Bicycle Block Party (September 28th)

Strategy 12: Support efforts to obtain funding for bicycle education and enforcement programs

Performance Measure	Performance Target	Performance in 2013
Number of grant applications	Support (i.e. assist in submitting application, provide analysis of data, provide match funding, etc.) a minimum of 2 funding applications per year	1. Submitted 1 safety grant application

Other related activities that have taken place in 2013

- Applied for Kansas Department of Transportation traffic safety grant

Strategy 13: Increase enforcement of bicyclist and motorist behavior to reduce bicycle and motor vehicle crashes

Performance Measure	Performance Target	Performance in 2013
Consensus between Bicycle Advisory Board, City staff and Wichita Police Department on enforcement priorities.	Meeting notes or memo that outlines a consensus on enforcement priorities.	No Action
Number of warnings or citations targeting road user behaviors that compromise bicycle safety.	Record of at least one meeting per year between the Bicycle Advisory Board, City staff and the Wichita Police Department to review results of enforcement efforts.	No Action

Other related activities that have taken place in 2013

- Development of safety brochure

Strategy 14: Work with school districts to develop collaborative partnerships to encourage children to bike to school

Performance Measure	Performance Target	Performance in 2013
Number of school actively encouraging children to bike to school	Add 2 schools per year that participate in promoting bicycling to school	3

Other related activities that have taken place in 2013

- Bike Back2School Week
- Back to School Day
- Ozsome Bike Fest



Strategy 15: Coordinate increased participation in bicycling events in the Wichita area

Performance Measure	Performance Target	Performance in 2013
Total number of people participating in all special events	Events demonstrate growth every year	Growth from 2012

Strategy 16: First achieve LAB’s Bicycle Friendly Community bronze and then silver status designation

Performance Measure	Performance Target	Performance in 2013
Achieve BFC status	Bronze by end of 2015, Silver by 2020	Submitted

Strategy 17: Work with area businesses and colleges to engage them in the League of American Bicyclists recognition program

Performance Measure	Performance Target	Performance in 2013
Number of businesses and university/colleges recognized as “Bicycle Friendly” by LAB	Average of 1 new business or university/college recognized per year	0

Strategy 18: Enlist opinion leaders in promoting bicycling (e.g., Speakers bureau)

Performance Measure	Performance Target	Performance in 2013
Number of events in which local or regionally recognized opinion leaders present	6 events per year	0

Strategy 19: Engage area businesses in using bicycles in their advertising and other promotions

Performance Measure	Performance Target	Performance in 2013
Recognize businesses that	2 recognitions per year	0

use bicycles in their promotions		
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Strategy 20: Adopt policies to ensure that the City’s project planning and review processes account for bicycle facilities

Performance Measure	Performance Target	Performance in 2013
Adoption of routine accommodation policy and integration into project planning and review processes	Adoption of routine accommodation policy by 2014	RFP issued for consultant
Adoption of Complete Streets Policy	Adoption and integration of Complete Streets Policy by 2016	No Action
Change standard cross-section for arterial streets to include appropriate bicycle facilities	Adoption and integration of arterial street cross sections by 2015	RFP issued for consultant

Strategy 21: Update the Unified Zoning Code to provide incentives for both office and retail developments/redevelopments to provide secure and conveniently located bicycle parking

Performance Measure	Performance Target	Performance in 2013
Updating of Unified Zoning Code	By 2015	No Action

Strategy 22: Create policy for installing facilities that are isolated segments

Performance Measure	Performance Target	Performance in 2013
Create policy	Adopt and implement policy by 2013	RFP issued for consultant

Strategy 23: Create policy for reserving space for future facilities (e.g., space for bike lane that is added later)

Performance Measure	Performance Target	Performance in 2013
Create policy	Adopt and implement policy by 2013	RFP issued for consultant

Strategy 24: Prioritize funding to complete gaps (missing links) in the bikeway network

Performance Measure	Performance Target	Performance in 2013
Number of gaps competed	Complete a minimum of two gaps per year	0

Strategy 25: Fund through CIP, annual programs and grants

Performance Measure	Performance Target	Performance in 2013
Funding of priority stand-alone projects	Fund at least 2 priority stand-alone projects per year	7 priority projects funded

Other related activities that have taken place in 2013

- \$500,000 bike enhancements line item in 2013
- \$0 for 2014

Strategy 26: Allocate staffing to implement this plan

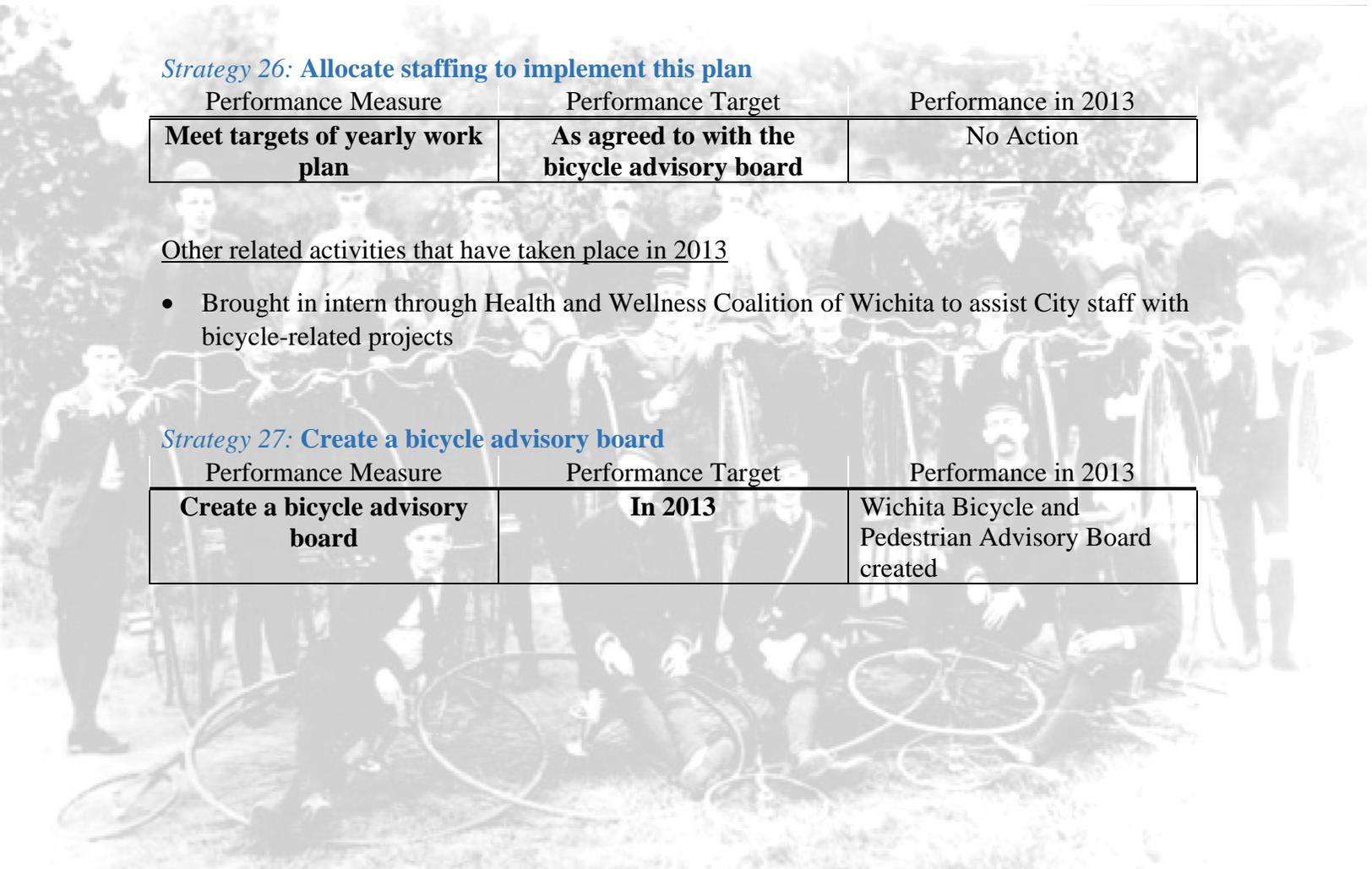
Performance Measure	Performance Target	Performance in 2013
Meet targets of yearly work plan	As agreed to with the bicycle advisory board	No Action

Other related activities that have taken place in 2013

- Brought in intern through Health and Wellness Coalition of Wichita to assist City staff with bicycle-related projects

Strategy 27: Create a bicycle advisory board

Performance Measure	Performance Target	Performance in 2013
Create a bicycle advisory board	In 2013	Wichita Bicycle and Pedestrian Advisory Board created



Strategy 28: Update the bicycle master plan on a regular basis

Performance Measure	Performance Target	Performance in 2013
Updating of master plan	Update every 4 years	No Action

Strategy 29: Publish an annual implementation work plan

Performance Measure	Performance Target	Performance in 2013
Bicycle Advisory Board approves work plan	Approve annually starting in 2013	No Action

Strategy 30: Establish performance measures to monitor progress

Performance Measure	Performance Target	Performance in 2013
Performance measures included in this plan	Meet performance measures	2013 Annual Implementation Progress Report

Other Accomplishments of 2013

- Updated City of Wichita Bicycle webpage
- Activate Wichita collaboration and public engagement
- National Recognition – American Bicyclist Magazine, Planning Magazine
- Wichita Bicycle Master Plan wins Kansas Chapter of the American Planning Association Award
- Automated TRAFx counter improvements: Accuracy testing and relocation recommendations
- Facilitation of the Wichita Bicycle and Pedestrian Advisory Board through a partnership with the Health and Wellness Coalition of Wichita