



Wichita Bicycle & Pedestrian Advisory Board

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WBPAB Members:

Jack Brown, Chair
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The Wichita Bicycle and Pedestrian Board shall advise the Mayor; City Council; City Manager; all departments; all offices of the City; City Boards and committees; and other public agencies that provide services within the City, on matters related to bicycling and/or walking and the impact that their actions may have on the bicycling and/or walking environment. City of Wichita Ordinance 490441

April 27, 2016

Subject: City of Wichita 2017 Operating Budget recommendations – Wichita Bicycle and Pedestrian Advisory Board

Dear Mayor Longwell, City Council members and City Manager:

The Wichita Bicycle and Pedestrian Advisory Board would like to thank the Wichita City Council and city staff for the tremendous progress that has been made in the community regarding biking and walking improvements. It is our hope that this progress will continue through our previous recommendations for the City's Capital Improvement Program and the recommendations in this document for the 2017 City of Wichita Operating Budget.

Through a prioritization process, involving 20 possible projects, the WBPAB selected the following 8 items to recommend for your consideration in the 2017 City of Wichita Operating budget:

1. **Wichita Street Safety Campaign**
2. **Marked Crosswalk Policy**
3. **School Walking & Bicycling Route Plans**
4. **Bicycle Counter Demonstration Project**
5. **Bikeway Maintenance**
6. **Bikeway Maintenance Plan**
7. **City Project Inspection Checklist for Active Transportation**
8. **On Call Bicycle & Pedestrian Planning & Design Services**

(See the attached sheets for information on these 8 recommendations.)

The total budget recommendation from the board for the above items is \$550,000. These recommendations are consistent with strategies found in the Wichita Bicycle Master approved by the city council on February 5, 2013 and the Wichita Master Pedestrian Plan approved by the city council on the Wichita Master Pedestrian Plan approved by the city council on November 4, 2014. These recommendations will help to make walking and biking safer, enhance and maintain pathway facilities, and help promote walking and bicycling in Wichita. Programming funding in the operating budget for cycling and pedestrian improvements is an important step to implementing the city's plan for a healthier, safer and improved quality of life for Wichita residents and visitors.

Jack Brown Chair

Cc: Wichita Bicycle and Pedestrian Board Members
Scott Wadle, MAPD

1. Wichita Street Safety Campaign \$40,000

- ❖ Wichita Bicycle Master Plan Strategy 11
- ❖ Wichita Pedestrian Master Plan Strategy 16

This project would undertake an education campaign to implement the Wichita Street Safety Educational Initiative. The campaign would educate street users about the required and recommended ways to interact on the roadway. A focus of the campaign will be how to utilize roadways with on-street bikeways and the top 10 Priority Behaviors.

1. Yielding to pedestrians
2. Districted driving
3. Motorists' safe and legal bicycle passing distance
4. On-street parking and opening doors
5. Awareness of turning conflicts
6. Bicycle riders' legal status as vehicle operators
7. Non-motorized users' safe crossing behavior
8. Encouragement to use bicycle facilities
9. The need for trail/path users to look and slow before crossing
10. Expect bicycles as the days become shorter / use bicycle lights at night

Recommended ways to get the message out include bus advertisements, radio ads, social media, and billboards. This funding would be utilized in partnership with an additional \$50,000 from KDOT.

7 Nonmotorized users' safe crossing behavior

Target Audience	Pedestrians
Existing Conditions	Motorists in Wichita often perceive non-motorized users' crossing behavior as risk-taking and unpredictable. Darting is the third most-cited contributing circumstance for pedestrian contributing circumstances.
Integrating the Behavior within the Campaign	Campaign materials should portray pedestrians crossing in a legal, visible, and predictable fashion. Campaign materials should remind drivers to be attentive- as pedestrians and bicyclists may not always cross predictably or legally.



2. Marked Crosswalk Policy \$30,000

- ❖ Wichita Pedestrian Master Plan Strategy 2
- ❖ Wichita Bicycle Master Plan Strategy 3

This initiative would provide funding to develop, test, update, and seek formal approval for a marked crosswalk policy for the City of Wichita. The policy would utilize national best practices and design guidance to:

1. Identify what factors are taken into consideration during evaluation (i.e. traffic volume, traffic speeds, crashes, destinations, roadway design, etc.);
2. Establish the primary types of crossing treatments to be considered for any marked crosswalk location (including high visibility crosswalks);
3. Identify the preferred designs and treatments for the crosswalks to improve safety and driver compliance (i.e. high visibility crosswalk designs, etc.); and
4. Determine a prioritization process for how crosswalk marking is implemented and criteria for location criteria e.g. school walking routes, high collision locations, and mid-block areas with high number of pedestrians crossing the street.



3. School Walking and Bicycling Route Plans \$45,000

- ❖ Wichita Bicycle Master Plan Strategy 14
- ❖ Wichita Pedestrian Master Plan Strategy 6

This project will fund the creation of one or more neighborhood pedestrian circulation plans for pedestrian and bicycle improvements at and around school sites; including walking and bicycling routes to the school(s). The plan(s) will help area stakeholders to identify and prioritize improvements related to walking and bicycling. In addition to the creation of the individual plans, the project will create program guidelines for City of Wichita neighborhood circulation plans.



4. Bicycle Counter Demonstration Project \$50,000

❖ Wichita Bicycle Master Plan Strategy 30

The bicycle counter demonstration project will provide for the collection and reporting of data to help:

- show whether or not investments in bicycle infrastructure and programs are helping to achieve the City goals;
- observe use patterns (i.e. daily, seasonal, annual, etc.);
- determine where investments in walking and bicycling are most needed;
- calculate a bicycle crash rate – an indicator of bicycling safety;
- implement the Wichita Bicycle Master Plan Strategy 30.

In order to collect the data, the City would install automated counters. The automatic counters reduces the amount of staff time necessary to collect data and provide an opportunity to collect longer-term data and at different locations. It is recommended that the City utilize both long-term and short-term automatic bicycle counters. The two types of counters can be used to collect similar data, but each offers different advantages – enabling the City to better understand bicycle traffic patterns in the City

This project will fund the following:

Project funding would provide for the following activities.

- Purchase and installation of the counters
- Maintenance and operations
- purchase of related counter equipment (i.e .batteries hoses, etc.)
- subscriptions for mobile automatic counter data collection
- subscriptions for real-time online data display of the counter data for staff and the public
- deployment and collection of the counters
- Reporting
- Creation of an average daily traffic map for bicycle use (based on WAMPO counts)
- Development of a report on bicycle traffic

Examples:

<http://www.bikearlington.com/pages/biking-in-arlington/counting-bikes-to-plan-for-bikes/>



5. Bikeway Maintenance \$ 150,000

- ❖ Wichita Bicycle Master Plan Strategy 7

- This project would fund maintenance of existing on-and off-street bikeways. Providing maintenance for our biking and pedestrian pathways protects the public investment made to biking and pedestrian infrastructure.



6. Bikeway Maintenance Plan \$60,000

❖ Wichita Bicycle Master Plan Strategy 7

This project would fund the creation of a bikeway maintenance plan in order to:

- Identify and establish prioritization for both criteria and frequency for annual maintenance of existing facilities.
- Create prioritized plan for maintaining and funding on- and off-road facilities (e.g. sweeping bike lanes; fixing pot holes, etc.).
- Determine recommended elements of individual bikeway maintenance plans for new bikeway design projects

Below is a listing of the proposed plan elements.

- Overview with general return of investment analysis explanation of the importance of proper maintenance of bicycle facilities
- Identification of current maintenance activities
- Identification of maintenance responsibilities by organization (e.g. adjacent property owner, City, Wichita Transit, utilities, etc.)
- Review of best practices for maintenance
- Categorization of maintenance activities as routine or major
- Prioritization criteria for frequency of maintenance
- Cost estimates for maintenance activities
- Checklist for maintenance field staff with instructions and frequency
- Checklist for new construction maintenance estimates
- Recommended policies and procedures for receiving, administering, tracking, and recording maintenance requests
- Performance measures to evaluate performance
- Recommendations for future funding sources and related policies
- Recommended elements of an annual maintenance work plan
- Detour protocols for bicycle facilities that are closed for maintenance or other work
- Recommendations for changes to construction standards and design process to reduce maintenance costs
- Identification of current citizen reporting processes (i.e. how citizens report a City issue)
- Identification of current City issue logging, routing, and tracking



7. City Project Inspections Checklist for Active Transportation \$30,000

- ❖ Wichita Pedestrian Master Plan Strategy 1
- ❖ Wichita Bicycle Master Plan Strategy 11

This initiative would provide funding to develop, test, update, and deploy a checklist for projects to ensure that projects include bicycle, pedestrian and transit accommodations.



8. On-Call Bicycle and Pedestrian Planning and Design Services \$150,000

- ❖ Wichita Bicycle Master Plan Strategy 1
- ❖ Wichita Pedestrian Master Plan Strategy 3, 4, 5, and 6.

This project would fund an on-call contract with one to three consultant firms to provide on-call planning and design services for one year. The funding would allow for the following activities.

- development of small area or corridor plans
- identification of prioritized improvements
- review of plans and designs developed for the City to help ensure application of best practices
- creation of designs for improvements (i.e. roundabouts, crosswalks, bike lanes, etc.)
- creation and updates to policies

