One Step at a Time

March 9, 2016
10:00 am
Purdue Road School
Purpose of an Active Transportation Plan

» Serve as MACOG’s overall strategy for funding and implementing active transportation facilities and programs
Purpose of an Active Transportation Plan

» Identify needs, resources, and strategies for improving and increasing all active modes of transportation in the region
Purpose of an Active Transportation Plan

» Realize benefits in access to destinations and services, mobility, quality of life, safety, air quality, health, and economy
Purpose of an Active Transportation Plan

» Provides guidance to support communities in the region that are expanding the bicycle and pedestrian network
Integration of Local and MACOG planning

Current Plans

Local Pedestrian Planning
Local Bicycle Planning
Local Transit Planning

Regional Active Transportation Plan

Future Plans

Local Pedestrian Planning
Local Bicycle Planning
Local Transit Planning
PLANNING PROCESS

» Advisory Groups
» Timeline
» Goals
Advisory Groups

Steering Committee

» Guide the planning process
» Shape focus & deliverables
» Technical review
» Approve plan for Public Review
Advisory Groups

Focus Group

» Provide support to the Steering Committee
» Generate ideas, recommendations, strategies
» Familiarize and promote plan in their communities
LPA Meetings

» Update communities on the Regional Active Transportation Plan
» Identify current projects and plans
» Brainstorm priority projects
Timeline

<table>
<thead>
<tr>
<th>Vision &amp; Goals</th>
<th>Objectives &amp; Performance Measures</th>
<th>Implementation Strategies &amp; Recommendations</th>
<th>Plan Review and Approval</th>
</tr>
</thead>
</table>

TTAC & Policy Board Approval
Active Transportation Plan Goals

- Connectivity
- Accessibility
- Culture
- Health
- Safety
- Quality of Place
PUBLIC ENGAGEMENT

» Sharing Thoughts
» Spread the News
**Sharing Thoughts**

**Survey**

**Interactive Map**

**Active Transportation Survey**

<table>
<thead>
<tr>
<th>Active Transportation Survey</th>
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</thead>
<tbody>
<tr>
<td><strong>Bicycling</strong></td>
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<tr>
<td>Which of the following best describes your level of comfort or confidence in bicycling?</td>
</tr>
<tr>
<td>• I don't have a bike.</td>
</tr>
<tr>
<td>• It's too far.</td>
</tr>
<tr>
<td>• I don't have a bike.</td>
</tr>
<tr>
<td>• I don't know where I can ride a bike.</td>
</tr>
<tr>
<td>• I don't know how to ride a bike.</td>
</tr>
<tr>
<td>• Other: [ ]</td>
</tr>
</tbody>
</table>

| **Transportation**                                    |
| How often do you ride a bicycle for transportation purposes? |
| • I don't have a bike.                                 |
| • It's too far.                                         |
| • I don't have a bike.                                 |
| • I don't know where I can ride a bike.                 |
| • I don't know how to ride a bike.                      |
| • Other: [ ]                                          |

| **Recreation**                                        |
| How often do you ride a bicycle for recreational purposes? |
| • I don't have a bike.                                 |
| • It's too far.                                         |
| • I don't have a bike.                                 |
| • I don't know where I can ride a bike.                 |
| • I don't know how to ride a bike.                      |
| • Other: [ ]                                          |

**www.macog.com/activetransportation**
Spread the News

POSTCARDS

SHARE YOUR IDEAS!

ACTIVE TRANSPORTATION PLAN

ACTIVE TRANSPORTATION PLAN

The Michiana Area Council is working on an Action Plan that will identify gaps in programs, and projects to gaps and biking in Elkhart, Kosciusko, Marshall, and St. Joseph Counties.

WHAT’S YOUR VISION FOR ACTIVE TRANSPORTATION IN YOUR COMMUNITY?

To learn more and share your vision:

www.macog.com/activetransportation

FLYERS

ACTIVE TRANSPORTATION PLAN

ACTIVE TRANSPORTATION PLAN

The Michiana Area Council (MACOG) is a regional effort to identify gaps, resources, and strategies to preserve and increase walking and bicycling in Elkhart, Kosciusko, Marshall, and St. Joseph Counties. The Plan, which builds upon existing local plans, will identify opportunities for enhancing the transportation network in the region.

The Plan is a comprehensive strategy for the region, incorporating elements of the transportation network. It includes the identification of gaps in transportation, as well as strategies to ensure that the network is accessible, safe, and comfortable for users.

How you can participate:

- Share your feedback:
  - Share your story
  - Share your vision
  - Share your ideas

To learn more and share your vision:

www.macog.com/activetransportation

EVENTS

1st Fridays

WEBSITE

ACTIVE TRANSPORTATION PLAN

ACTIVE TRANSPORTATION PLAN

The Active Transportation Plan will identify needs, resources, and strategies to improve and increase walking and bicycling in Elkhart, Kosciusko, Marshall, and St. Joseph Counties. The Plan builds on local planning efforts and serves as the bicycle and pedestrian element of the Michiana on the Move: 2040 Transportation Plan.

Social Media

MACOG
DATA ANALYSIS

» Bicycle & Pedestrian Crashes
» Bicycle Level of Traffic Stress Analysis
» Demand Analysis
Bicycle & Pedestrian Crashes

» 2012 – 2014 (3 years) – source ARIES
  » Currently working on 2015
» Query for crashes involving cyclist and/or pedestrian
» Develop a Heat Map to show concentration
» Analysis Causes/Conditions/Demographics to determine trends
Bicycle & Pedestrian Crashes
Bicycle Level of Traffic Stress Analysis

» Bicyclist level of comfort on roadways

» Roadway Network Data
  » Speed limit, number of travel lanes, AADT, and presence and character of bicycle lanes

» Four Bicycle Level of Traffic Stress
Bicycle Level of Traffic Stress Analysis

1. Roads that would be tolerable for most children to ride, and also to multi-use paths that are separated from motorized traffic.
Bicycle Level of Traffic Stress Analysis

2. Roads that could be comfortably ridden by the mainstream adult population.
Bicycle Level of Traffic Stress Analysis

3. Roads that would be acceptable to current “enthused and confident” bicyclists.
4. Roads that are only acceptable to “strong and fearless” bicyclists, who will tolerate riding on roadways with higher motorized traffic volumes and speeds.
Demand Analysis

» Live, Work, Play, Learn Analysis
» Identifies expected demand for bicycle & pedestrian travel
Demand Analysis

Where People

Live
- Population Density

Work
- Employment Density

Play
- Parks
- Retail & Commercial Areas

Learn
- Elementary Schools
- Middle Schools
- High Schools
- Parochial Schools
- Colleges & Universities

Demographics
- Land Use Mix

ACTIVE TRANSPORTATION PLAN
Demand Analysis - Live
Demand Analysis - Work
Demand Analysis - Learn
Next Steps

» Refine initial data calculations
» Overlay the maps to identify potential bicycle and pedestrian projects
» Work with LPAs to determine local and regional priorities
» Develop short-term and long-term priority list
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