

City of Ann Arbor

Non-Motorized Transportation Plan 2007 Review



Oct. 8, 2012
City Council Work Session

Non-Motorized Plan Vision and Goals

Safe, comfortable, and convenient physical and cultural environment for pedestrians and bicyclists



More individuals choose alternative transportation modes



Healthier lifestyles, improved air and water quality, and a safer, more sustainable transportation system

Educate and Encourage

Utilize Best Practices

Integrate System Planning

Plan Review Elements

- Planning Process
- Progress and Achievements
- Challenges
- New Concepts and Recommendations



Plan Review: Process

- Staff Review of Plan and Progress
- Stakeholder Engagement
 - Public meetings
 - Focus group sessions
- Technical Advisory Committee (ALT)
 - Monthly review of progress
- City Planning Commission's Master Plan Revisions Committee
- City Council Direction



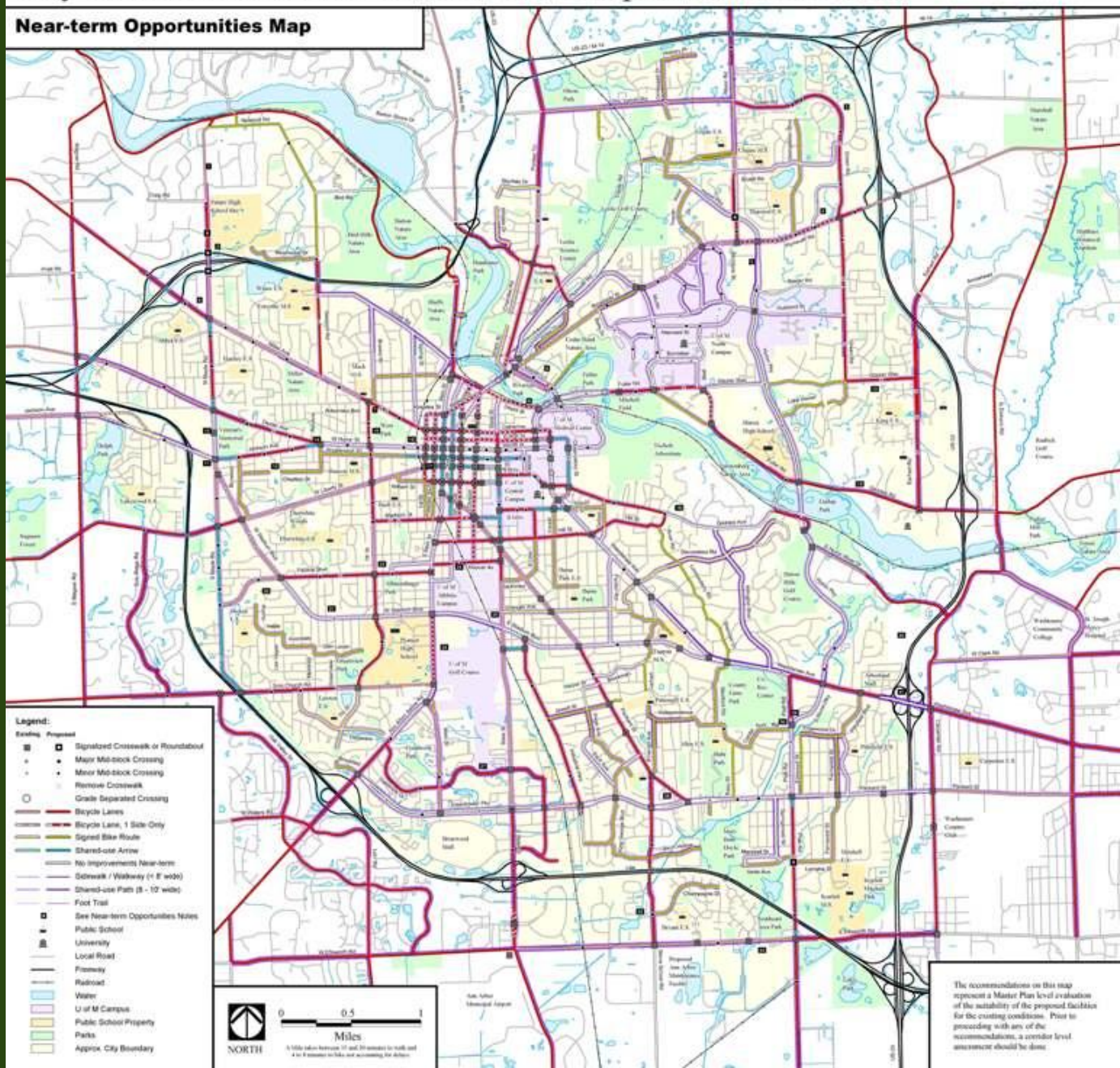
Plan Review Process: Timeline



Citizen, Planning Commission, and ALT Committee involvement

City of Ann Arbor Non-motorized Transportation Plan 2007

Near-term Opportunities Map



Plan Review Progress 2012: 5 years of Effort

We've Built:

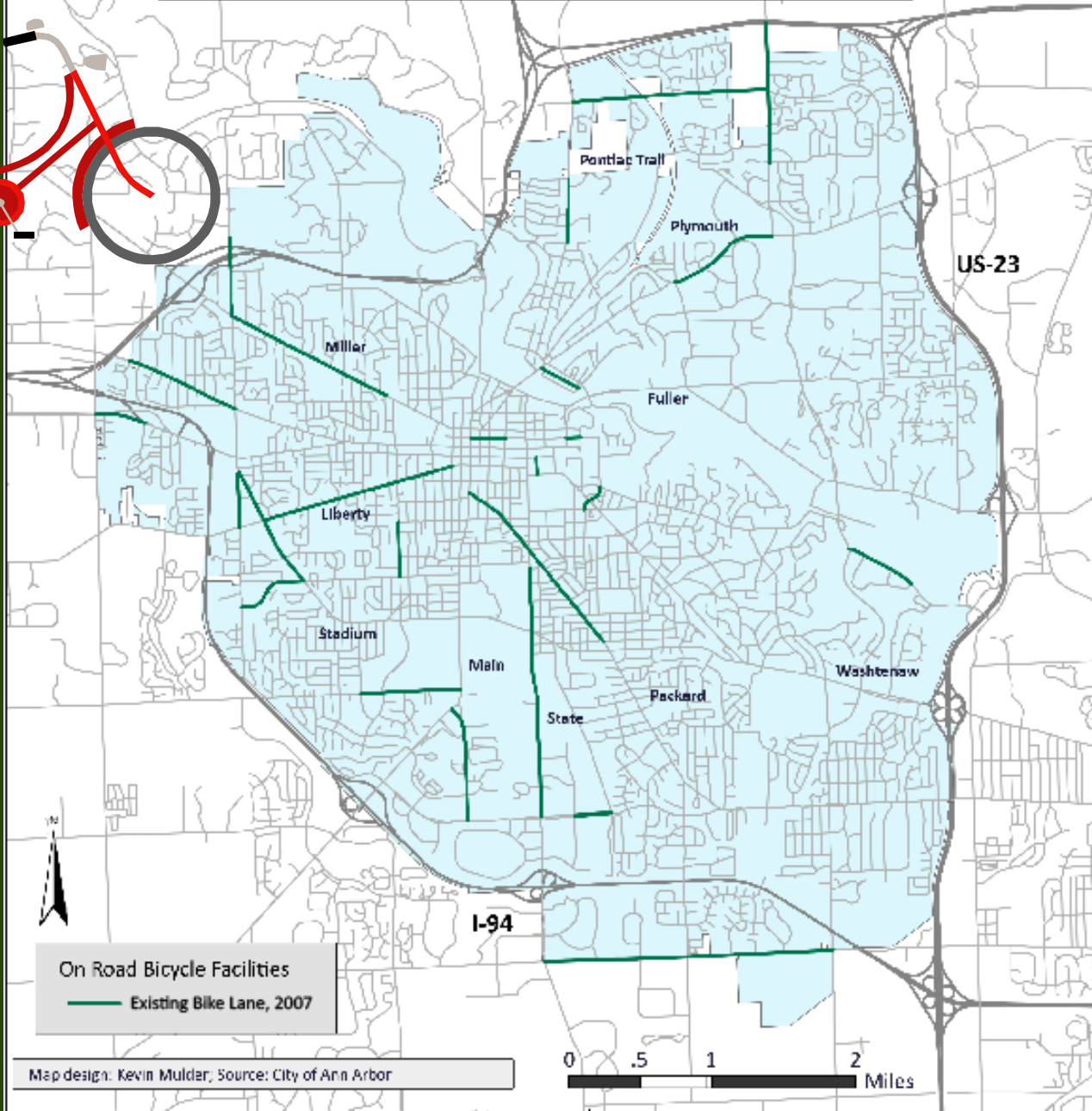
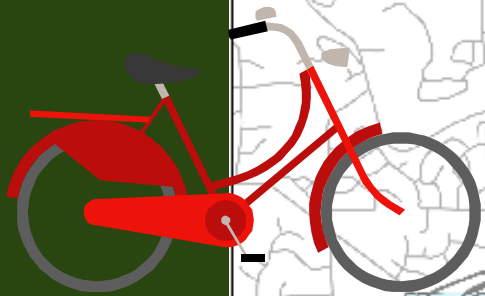
- 19.7 miles of new bike lanes
- 5.8 miles of roads with shared-use arrows
- 12 pedestrian refuge islands
- 2.91 miles of sidewalk gaps filled

In Ann Arbor:

- 2000: 2.4% bike to work.
- 2005-09: 3.5% bike to work.
- 46% increase

Sources: Non-Motorized Transportation Plan,
American Community Survey, 2005-2009

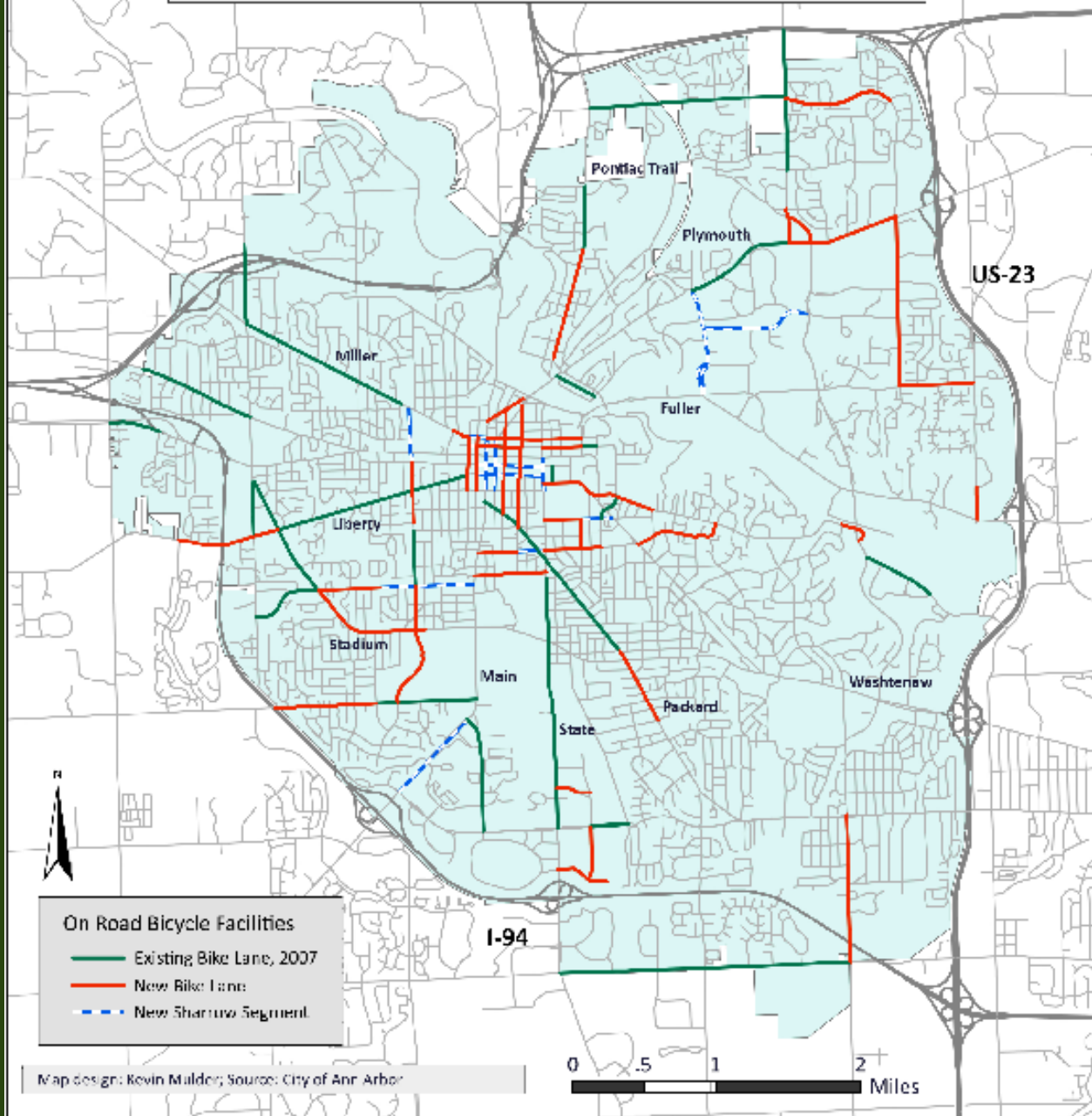
On Road Bicycle Facilities as of January 1, 2007, City of Ann Arbor

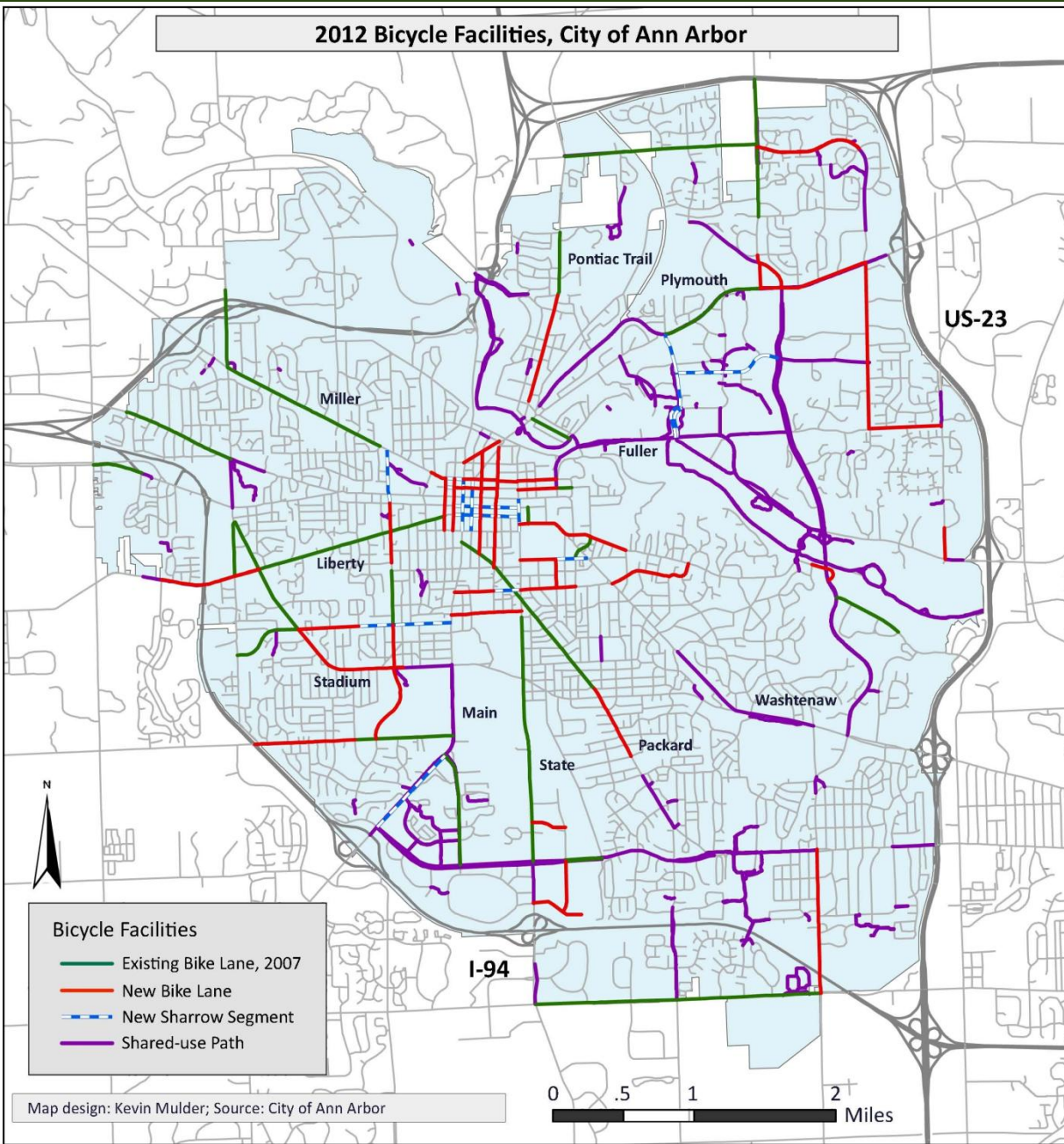


Map design: Kevin Muldar, Source: City of Ann Arbor

0 .5 1 2 Miles

On Road Bicycle Facilities Before & After 2007, City of Ann Arbor





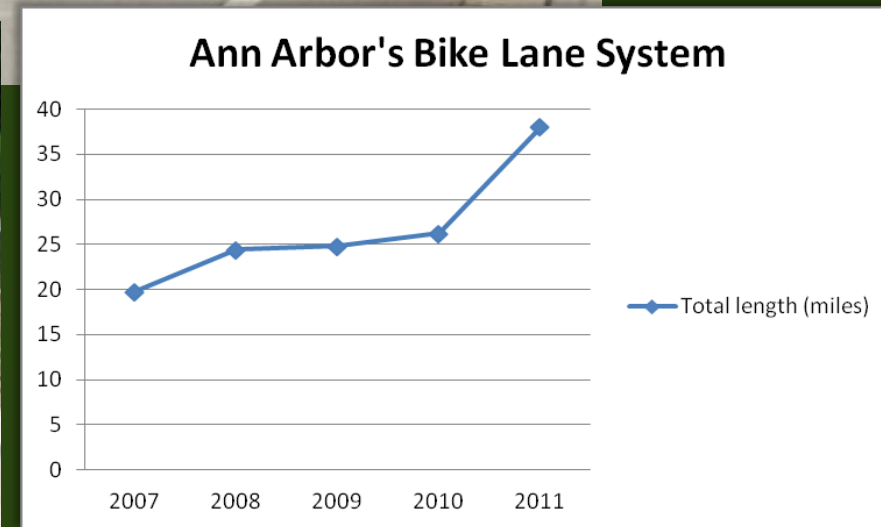
Progress: Signs, Lines and Symbols

Bike Symbols
Lines and Signs
Sign Standardization



Crosswalk Signals
ADA Compliance
Pedestrian Islands

Progress: Bike Lanes



2007-2012: 19.7
miles of bike
lanes (total:
37.4)

Road Diets



Road diets = safer streets including
Crosswalks with pedestrian
islands, bike lanes
Platt Rd. (shown)



Shared Use Paths



Geddes Rd Path

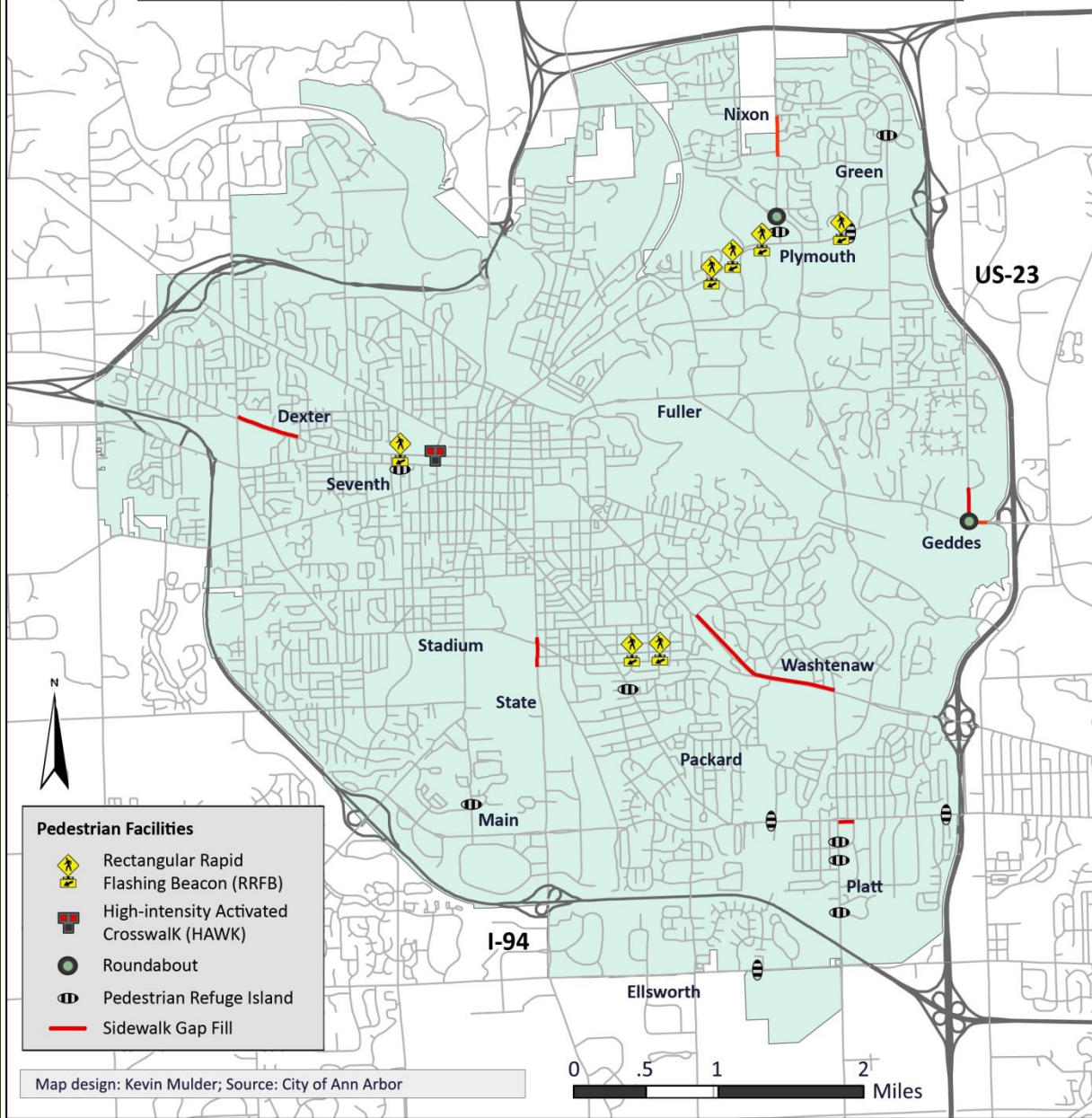


and Bridge over US 23



Washtenaw Ave Path

Pedestrian Facility Illustration, 2007-2012 Installations, City of Ann Arbor



Pedestrian Treatments



Countdown Heads



Flashing Beacon



HAWK

Sidewalk Gaps



S. State Street At AARR

Packard At Platt

Education and Encouragement



Share the Road!

in Ann Arbor

Cycling in Ann Arbor

Ann Arbor is a community dedicated to active transportation. With bike lanes, shared routes, and shared paths, cyclists have many opportunities to travel in and around Ann Arbor. Ann Arbor is committed to increasing non-motorized transportation, and continues every day to implement the **Non-Motorized Transportation Plan**. Community activities, like **Bike Fest**, promote the benefits of cycling.

As a result of these improvements, **the number of cyclists on the road is increasing**. Cyclists and Motorists are learning to share the road with each other. The following information explains how **sharing the road** keeps active transportation safe, easy, and fun.

OUR SAFETY DEPENDS ON YOU.

➔ **In the dark, wear light-colored clothing and reflective gear to ensure your visibility.**

PEDESTRIAN TIP NO.15



walk BIKE DRIVE.
A2GOV.ORG/WALKBIKEDRIVE



Pedestrians Rule! in Ann Arbor crosswalks

Stop for Pedestrians!

Motorists are required to stop for pedestrians in or approaching all marked crosswalks. This is another step toward making Ann Arbor the most pedestrian-friendly community in the US!

Enforcement

2010: Code amendments :

- bicyclists' rights and duties
- bike lanes and bike paths
- pedestrian rights and duties.



Evaluation

- Extent
- Condition
- Use
- Mode Share
- Safety Stats



Name	Extents	Length	Pavement Condition	2009	Stripe Integrity	2009	Marking	Marking Integrity	2009	Signs	Change From 2009	Comments
Ann Street	Main - Division	600	9	9	3.5	5	Yes	4	5	Yes	Pavement → Stripe ↓ Marking ↓ Signs →	Good end signs, no beginning signs

Information available at a2gov.org/walkbikedrive

Plan Challenges

- Overly ambitious
- Emphasis on bicycle travel
- Sidewalk gap funding
- Way finding
- Best practices
always changing

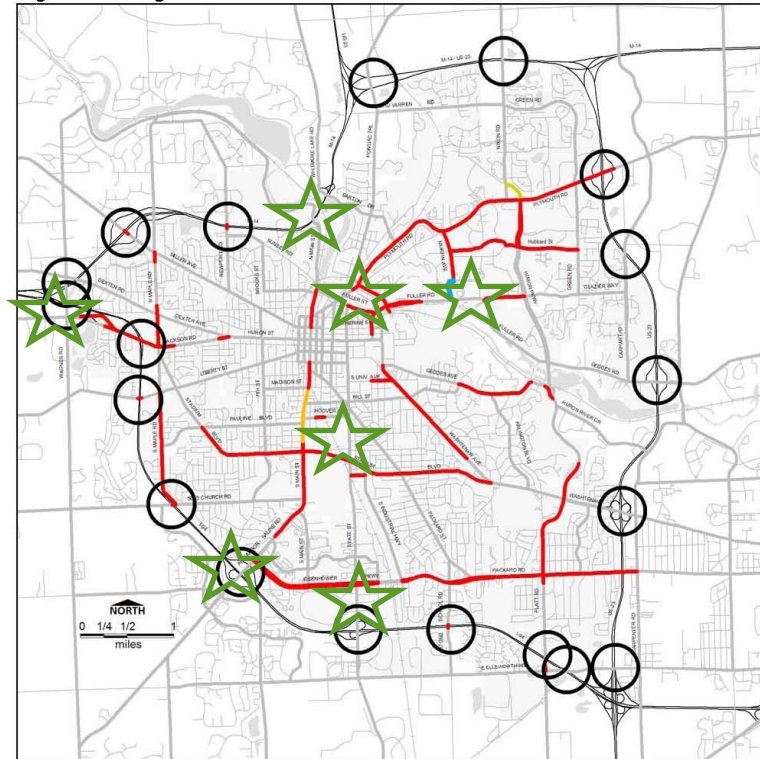


Challenges

Geographic Focus Areas

- N. Main St.
- Ann Arbor-Saline Rd.
- S. State St.
- Jackson Avenue
- Allen Creek Greenway
- Plymouth Rd to Broadway Bridges
- Linkages across highways

Fig. 5.3B. Long-term Plan – Road Modifications



Legend

- Long-term Road Modifications:
- 4 to 3 Lane Conversion
 - 5 to 3 Lane Conversion
 - Eliminate 1 Lane
 - Minor Road Widening to Accommodate Bike Lanes
 - Freeway Overpass or Interchange Under MDOT's Jurisdiction

Some of the roads indicated for widening in the Long-term such as Packard Road and parts of Stadium Boulevard are candidates for adding Bicycle Lanes in the Near-term Opportunities through narrowing the lanes if sub-11' motor vehicle lanes are considered acceptable for these roads.



Focus Areas added in 2012

New Concepts and Recommendations

- New Practices - NACTO
 - Cycle Tracks
- Private Investments
- Best Practices
 - Maintenance
 - Shared-use paths
 - Bike lanes

The screenshot shows a web browser window with the URL `g/A2CSR/CSRRequest.aspx`. The page has a navigation bar with links for 'news', 'contact us', 'living in', and 'visiting'. Below the navigation bar is a breadcrumb trail: 'Home > Government > Public Services > Customer Service'. The main heading is 'services' and the sub-heading is 'Citizen Request System | Check Status'. A welcome message states: 'The City of Ann Arbor is pleased to present our online Service Request System. Please use the map and forms below to submit service requests to the City.' A red warning text says: 'If your request is a life threatening emergency, dial 911.' The 'Required steps*' section includes 'Step 1*' with a text input field and a 'Find Service Location' button. Below this is an example address '100 N Main Street' and a note to 'Zoom and click on the incident location in the map below'. A map of Ann Arbor is displayed with a 'Clear Marker' button and map controls (Map, Satellite, Hybrid). The map shows various streets and landmarks. Below the map is 'Step 2*' with a dropdown menu set to 'Pothole Repair' and a 'Select Service Request Type' label. 'Step 3' has a text input field with 'No questions available' and an 'Answer optional questions' label. 'Step 4' has a text input field and a 'Provide Comments - Maximum Length is' label.

New Concepts and Recommendations

- Bike Boulevards
- Bike Sharing



Bike Share



- Signs, Lines, Symbols
 - AASHTO/MMUTCD/
NACTO



Bike Station

- Pedestrian Facilities
 - Flashing beacons,
HAWK,
Countdown signals



Plan Review Products

- Technical Report(s)
- Updated Plan Map(s)
- Capital Improvement Program
Recommendations
- Funding Recommendations
- Evaluation Framework

A photograph of a residential street with trees, houses, and a person walking. The scene is captured from a street-level perspective, showing a paved road with a white line on the right side. A person in a white jacket is walking on the sidewalk to the right. In the background, there are several houses and trees with sparse foliage, suggesting a late autumn or early spring setting. The sky is clear and blue.

Questions?

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