

# Jackson City + County Nonmotorized Plan



A plan for people who walk, bike and ride

## Preliminary Plan Outreach Meetings

September 9<sup>th</sup> through September 18<sup>th</sup>  
At ten location throughout Jackson County

**Please Sign In**



## Look Ahead a Few Years...

It is a beautiful Saturday afternoon; you don't have to be at work, and you don't have any obligations on your time. You are free to pursue any walking or bicycling activity you would like with the caveat that it be relatively close to home.

What do you do?

- Can be something simple or grand; specific or general
- Could be based on a someplace that does not exist yet



In a few words, share how you would like to spend your perfect Saturday afternoon?





# Agenda

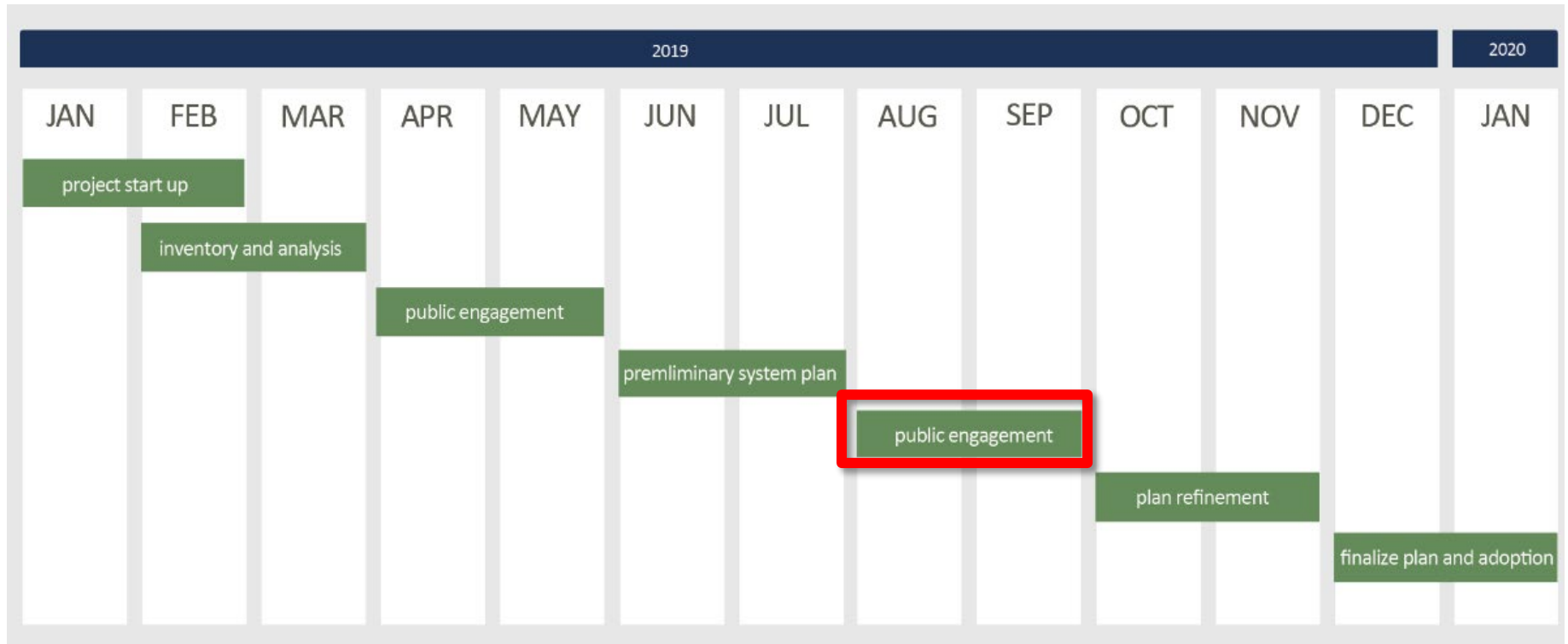
1. Project Process
2. Project Goals and Objectives
3. Key Findings from First Round of Public Input
4. County Connectors
  - Overview
  - Table Workshop
5. Community Plans
  - Overview
  - Refinement
  - Priority Worksheets
6. Next Steps



This our second set of public outreach meetings, our first were in May



# Where Are We in the Process?



About two-thirds the way through the project

Our objective today is to refine and begin to prioritize the preliminary plans





# The Goal and Four Driving Objectives of the Project

The goal is to provide safe, comfortable, convenient, and attractive options for people to travel within their community and throughout the County regardless of their chosen mode of travel.

Keeping in mind:

- a special focus should be given to addressing the needs of those residents who have limited transportation options; and
- all types of trips are important



Do the math; the cost of doing nothing is greater than the cost of doing something



## Responding to the Community Values

- Linking the parks, recreation areas, and small towns
- Highlighting lakes and water features
- Establishing family friendly routes
- Building on the success of the falling waters trail to create a countywide trail network
- Highlighting and maintaining the character of rural areas
- A pragmatic vision that can be implemented



A plan guided by public input, feasibility analysis, and return on investment



# Survey Participation

**Jackson City & County Nonmotorized Plan**

Circle all that apply to you:

☒ I WALK ☒ I RIDE A BICYCLE ☐ I RIDE THE BUS AND/OR TRAIN ☐ I DRIVE

How would you rate your satisfaction with walking in Jackson County right now (circle one):

☒ 5 ☐ 4 ☐ 3 ☐ 2 ☐ 1

I am interested in walking:

☒ to work ☒ to the store/errands ☒ for fitness/recreation ☒ to see family/friends ☒ to school ☐ other \_\_\_\_\_

Is anything preventing you from walking to those destinations right now? How could we make the experience better?

☐ No ☐ Yes \_\_\_\_\_

How would you rate your satisfaction with riding a bicycle in Jackson County right now (circle one):

☒ 5 ☐ 4 ☐ 3 ☐ 2 ☐ 1

I am interested in riding a bicycle:

☒ to work ☒ to the store/errands ☒ for fitness/recreation ☒ to see family/friends ☒ to school ☐ other \_\_\_\_\_

Is anything preventing you from bicycling to those destinations right now? How could we make the experience better?

☐ No ☐ Yes \_\_\_\_\_

How would you rate your satisfaction with riding the bus and/or train in Jackson County right now (circle one):

☐ 5 ☐ 4 ☐ 3 ☐ 2 ☐ 1

I am interested in riding the bus and/or train:

☐ to work ☐ to the store/errands ☐ for fitness/recreation ☐ to see family/friends ☐ to school ☐ other \_\_\_\_\_

Is anything preventing you from riding the bus or train to those destinations right now? How could we make the experience better?

☐ No ☐ Yes \_\_\_\_\_

Please circle the area of the county you live in or are most familiar with:

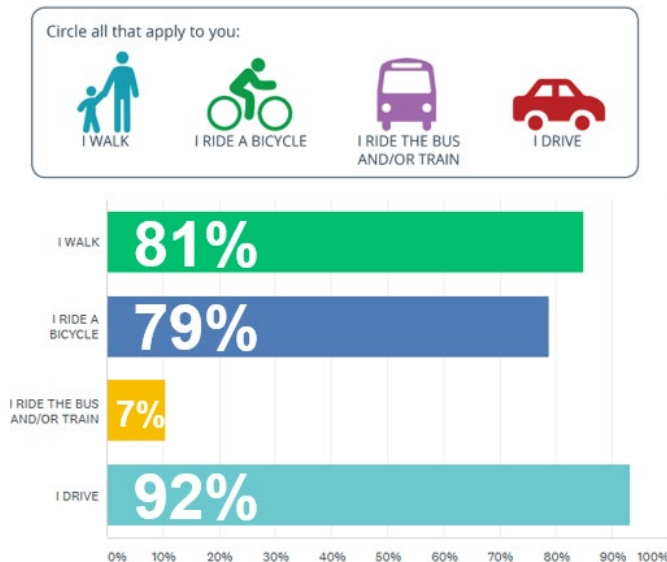
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Tell us anything else you feel is important:

If you would like project updates, please provide your email below:

240 Total Responses (140 Web, 100 Printed)

All but one township represented in the sample

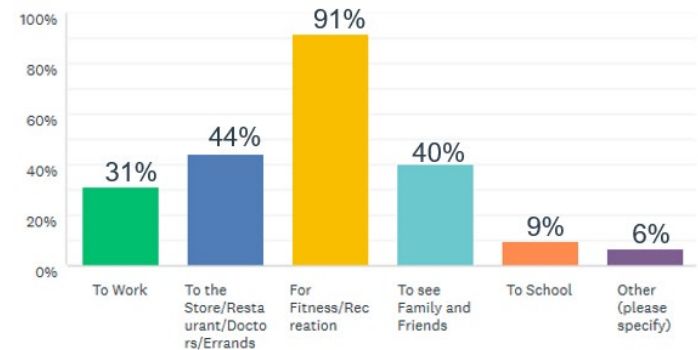
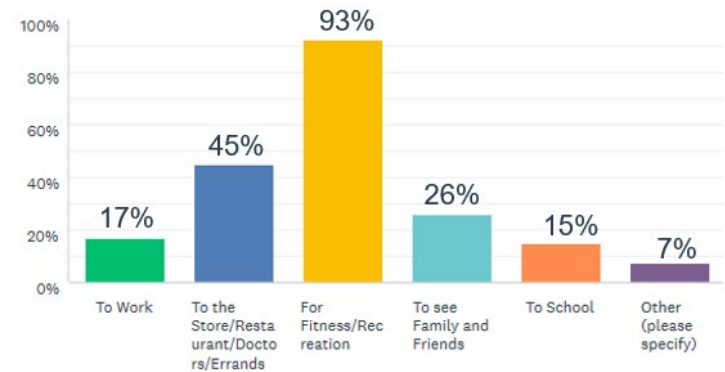


Good representation from all modes except transit



# Where People Would Like to Walk and Bike

- Almost everyone was interested in walking and bicycling for fitness/recreation
- Many more people would like to bike to work and see friends than walk
- Generally see walking and bicycling conditions as OK but feel they could be better





# Walking – Issues Preventing Walking Trips

Is anything preventing you from walking to those destinations right now? How could we make the experience better?

paths enough condition sidewalks available neighborhood especially Jackson  
within traffic much around Brooklyn places pedestrians street safety live  
concerns many cross areas Lack sidewalks walking  
snow ice removal sidewalks walking paths road county safe  
winter lighting snow even also shoulder broken city feel safe trails  
bike trail bike walkways condition need personal safety cars crosswalks



- Maintenance/condition of existing sidewalks poor/narrow/uneven (Jackson, Grass Lake, Brooklyn)
- Lack of sidewalks or paved shoulder (outside of downtowns, Lake Columbia, Brooklyn, Spring Arbor, Leoni Twp, Summit Twp)
- Lighting and personal safety
- Snow ice removal
- Drivers paying attention
- Lack of crosswalks



# Bicycling – Issues Preventing Bicycling Trips

- Pavement condition (potholes, debris)
- Availability of safe bikeways
- Driver knowledge and attitudes toward bikes
- Lack of separated bikeways
- Narrow roads / no paved shoulders
- High speed, high traffic roadways
- Bike parking

Is anything preventing you from bicycling to those destination right now? How could we make the experience better?

using Grass Lake need love Falling Water drivers bikers lanes adding bike lanes  
lack bike trails riders bike parking coming traffic go bike paths riding  
Falling Waters Trail  
streets problem sidewalks even  
live conditions poor safe walking trails great bike good  
roads enough bike lanes city  
pavement conditions routes Lack etc shoulders  
bike  
drive ride new trails cars area Please bicycle place busy roads fix  
makes Safety see feel safe parking Lack bike lanes Also dangerous see bike county







# Transit – Issues Preventing Transit Trips

Is anything preventing you from riding the bus or train to those destinations right now? How could we make the experience better?

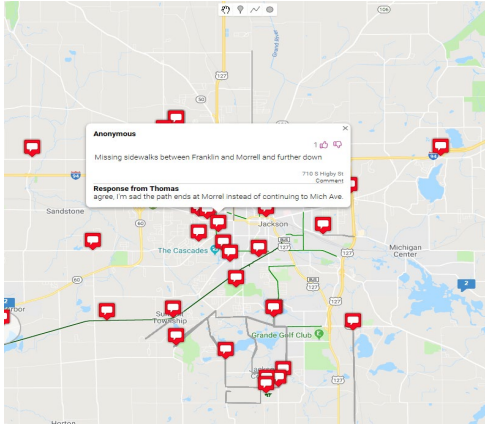
people<sub>work</sub> Jackson<sub>even</sub> train<sub>transportation</sub> bus<sub>service</sub> use  
take

- Unfamiliar
- Confusion on bus route
- No bus routes near me
- Infrequent and inconvenient
- Expensive
- Safety
- Lack of commuter rail service





# What Specific Places Would you Like to See Improved?



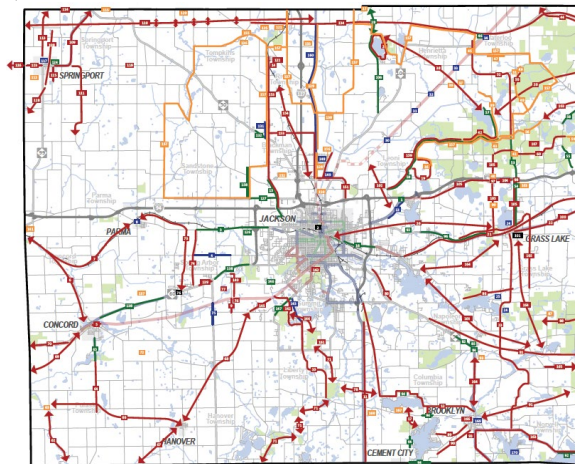
Online Map



Meeting Maps

downtown Cement City lighting Lansing Ave Jefferson Rd  
Browns Lake Rd shoulder spirit Trail Parks Jackson  
Jackson Clark Lake path Brooklyn trail  
neighborhoods road Columbia Township traffic  
Jackson County sidewalks Brown St  
Falling Waters Trail Hewitt bike lanes Spring Arbor  
intersection walking paths around Lake Columbia Morrell  
Grass Lake

Online Survey

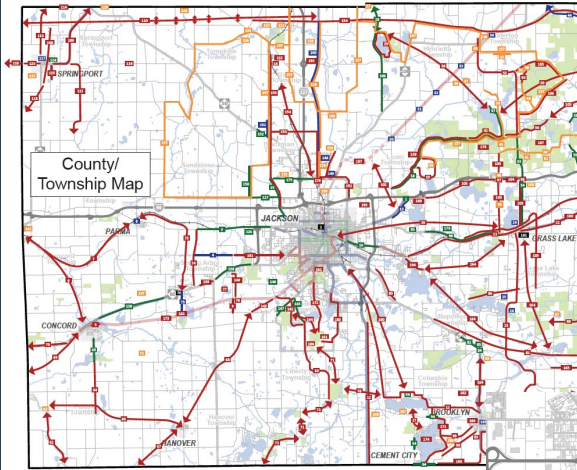


Combined input from numerous sources

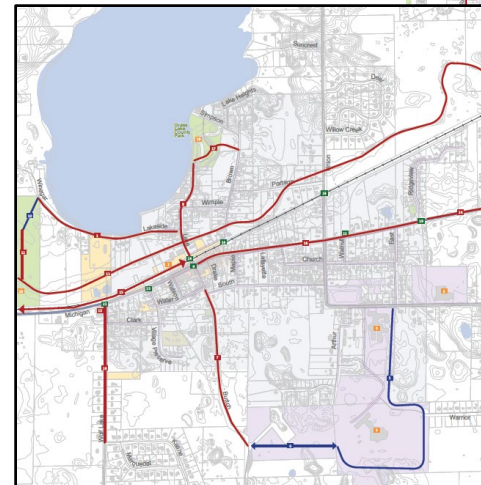
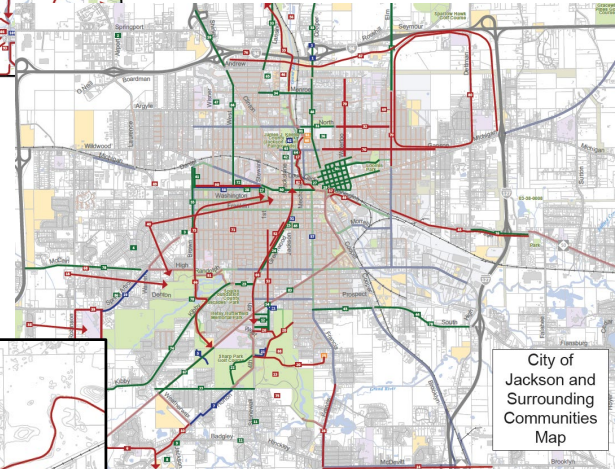


# Workshop Map Input

- Countywide off-road bicycle and pedestrian links highly desired
  - Along rail corridors
  - Along Consumer Energy corridors
  - Connecting parks, lakes and communities
- Cities and villages
  - Connections to parks and schools
  - Sidewalk gaps
  - Crosswalks
  - Getting across freeways



Red = Idea/suggestion  
Green = Issue/concern  
Blue = Existing or planned  
Orange = Other



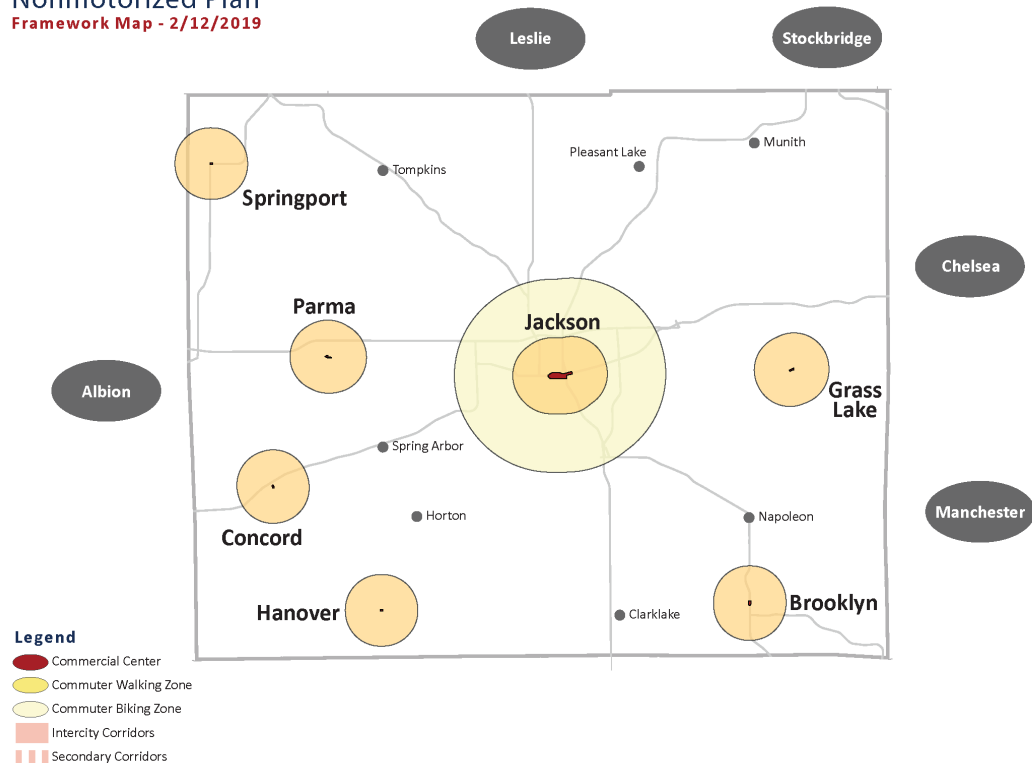




# Key Takeaways – Intercommunity Connections

- There is a can-do attitude for building trails in the rural areas
  - Willing to work with private landowners to make things happen
- The connections do not all have to look like the Falling Water's Trail
  - Natural surface trails
  - Gravel road routes
- Connections are not just between communities in Jackson
  - Look beyond the borders

Jackson City + County  
Nonmotorized Plan  
Framework Map - 2/12/2019



Use intercommunity trails and routes as a way to explore and celebrate the county's natural areas and rural character

Can be a key part of creating a brand for Jackson County and bringing in visitors



# Major County Connectors Overview

## Three Different Experiences:

- **Paved trails & routes**
  - Low stress / family friendly
  - Like Falling Waters Trail
  - Red lines
- **Unpaved trails & routes**
  - Mod. stress / tween-adult
  - Lakelands Trail / Watkins Lake State Park / very low volume, rural gravel roads
  - Orange lines
- **Priority paved shoulders**
  - higher stress / adult
  - Yellow lines
  - Low volume county roads



## Legend:

### Proposed Trails & Bike Routes

	existing	potential
Paved		
Unpaved		
Water Trail		
Priority Paved Shoulders		
Existing Shared Use Path		
Existing Hiking Trail		
Existing Bike Lane/ Paved Shoulder		

	City / Village
	Rivers, Lakes, Ponds
	Wetlands
	Recreation
	School / Academic
	Public Land
	Consumers Energy
	Township

	Golf Course
	Library
	Desired routes from public input
	Detail Area Maps



# Major County Connectors Additional Thoughts

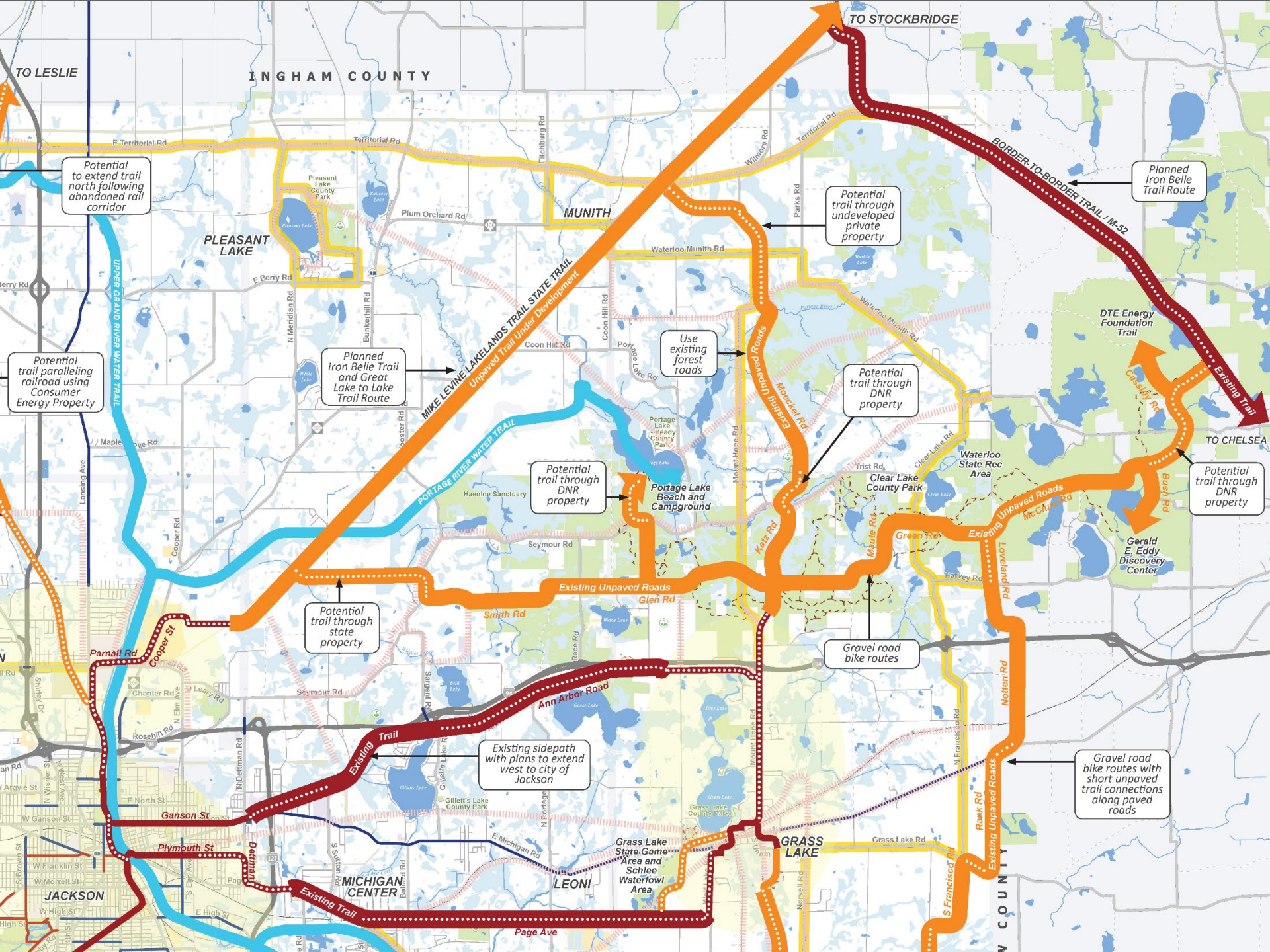
- Some of the proposed trails will depend on working with private landowners to secure easements
  - This may entail seasonal restrictions
- Several off-road trails are former railroad corridors that are now owned by Consumers Power Company
  - These also require easements
  - Some have small gaps in ownership



Unpaved routes may be a combination of rural gravel roads and unpaved rail-trails

The challenges of obtaining easements for rail-trail projects are off-set by the ease of construction


















# Major County Connectors Table Exercise













- Each table should take some time to review
  - Don't worry about the details in-town just yet
- Any routes that you are concerned about?
  - Please note them and what the issue is
- Any good realistic opportunities missing?
  - please draw them and note the opportunity
- As a group, discuss what are your top three priority routes and note them on the map
  - Appoint someone to be your reporter



## Legend:

### Proposed Trails & Bike Routes

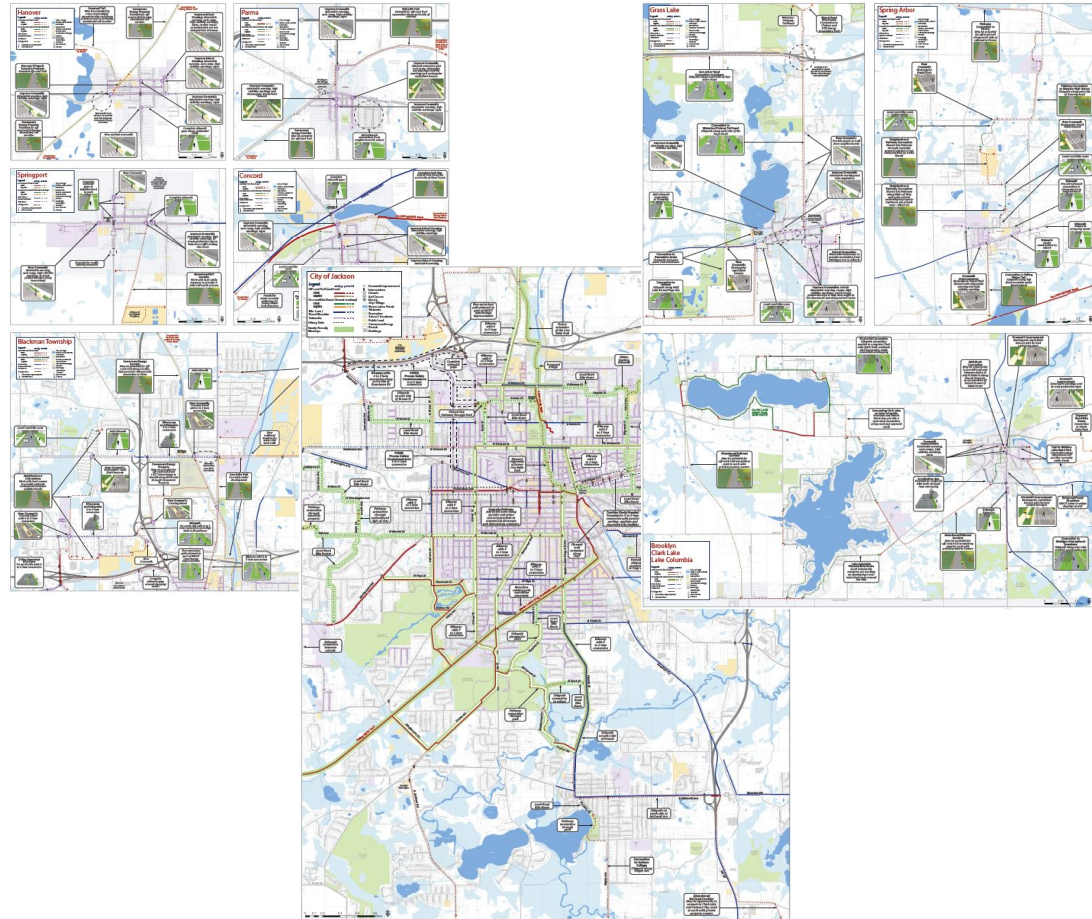
Paved	 existing	 potential
Unpaved		
Water Trail		
Priority Paved Shoulders		
Existing Shared Use Path		
Existing Hiking Trail		
Existing Bike Lane/ Paved Shoulder		

	City / Village		Golf Course
	Rivers, Lakes, Ponds		Library
	Wetlands		Desired routes from public input
	Recreation		Detail Area Maps
	School / Academic		
	Public Land		
	Consumers Energy		
	Township		



# Local Plans Overview

- Focus on accommodating daily trips to visit friends, stores, restaurants, errands, etc.
  - Biking to work becomes important in Jackson
- Addressing gaps in local sidewalk system
- Improving safety of crosswalks
- Manageable projects
- What communities are represented today?



Detailed plans were prepared for nine areas: Springport, Parma, Spring Arbor, Concord, Hanover, Blackman Township, City of Jackson, Grass Lake, and Brooklyn / Clark Lake/Lake Columbia





# Key Takeaways – Urban and Suburban Areas

- In-street bicycle facilities must be done right – good separation, connected, and well maintained if they are to be used
- Need to take care of the pedestrian basics by filling sidewalk gaps and providing appropriate crosswalks
- We can't address bicycle and pedestrian facilities without addressing poor pavement condition of the roads



There is a latent demand for more and better pedestrian, bicycle, and transit routes and facilities





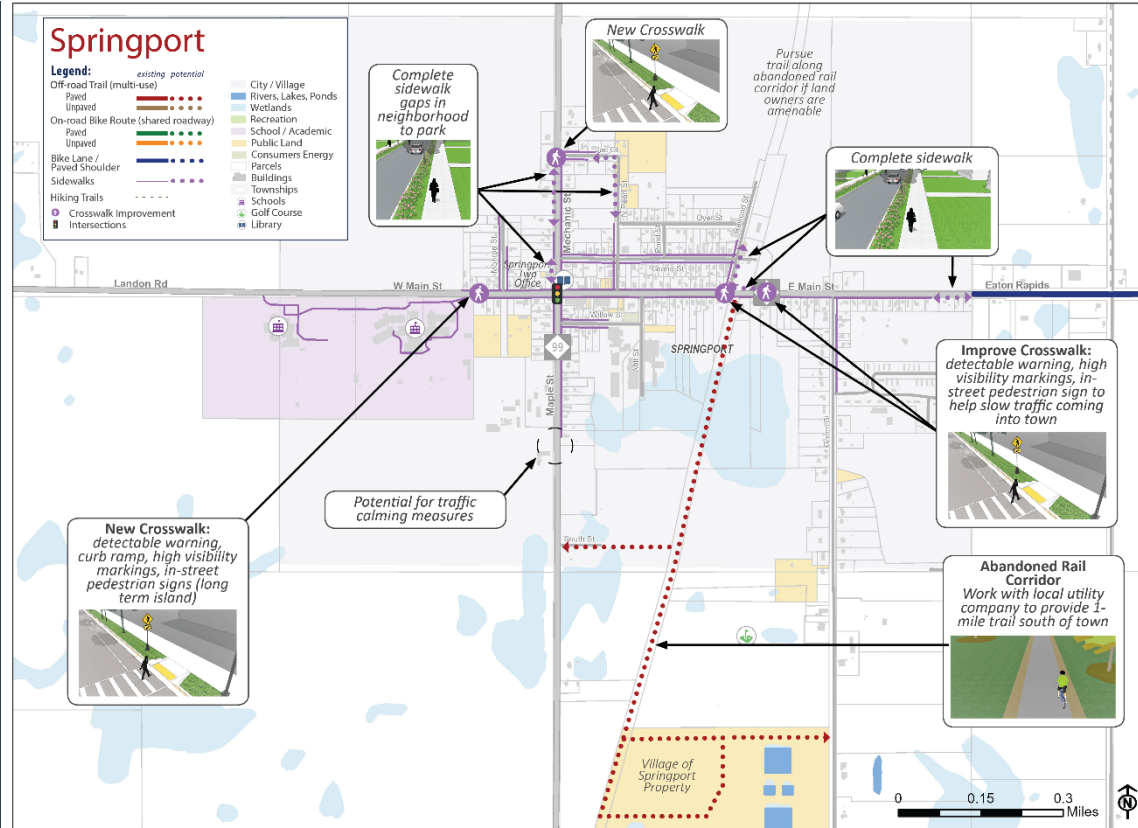
# Springport Area Preliminary Plan

## Local Priorities:

1. Sidewalk Gaps
2. Rail-trail to City property on south end of town
3. New and improved crosswalks

## Issues:

- Sidewalk gap between Downtown and Dollar General
- Potential rail-trail to the north but corridor peters out after a while and private ownership



# Springport

## Legend:

- existing potential*
- Off-road Trail (multi-use)
- Paved
  - Unpaved
- On-road Bike Route (shared roadway)
- Paved
  - Unpaved
- Bike Lane / Paved Shoulder
- Sidewalks
- Hiking Trails
- Crosswalk Improvement
- Intersections

- City / Village
- Rivers, Lakes, Ponds
- Wetlands
- Recreation
- School / Academic
- Public Land
- Consumers Energy
- Parcels
- Buildings
- Townships
- Schools
- Golf Course
- Library

*Complete sidewalk gaps in neighborhood to park*



*New Crosswalk*



*Pursue trail along abandoned rail corridor if land owners are amenable*

*Complete sidewalk*



**Improve Crosswalk:**  
*detectable warning, high visibility markings, in-street pedestrian sign to help slow traffic coming into town*



**Abandoned Rail Corridor**  
*Work with local utility company to provide 1-mile trail south of town*



**New Crosswalk:**  
*detectable warning, curb ramp, high visibility markings, in-street pedestrian signs (long term island)*



*Potential for traffic calming measures*

*Village of Springport Property*

0 0.15 0.3 Miles





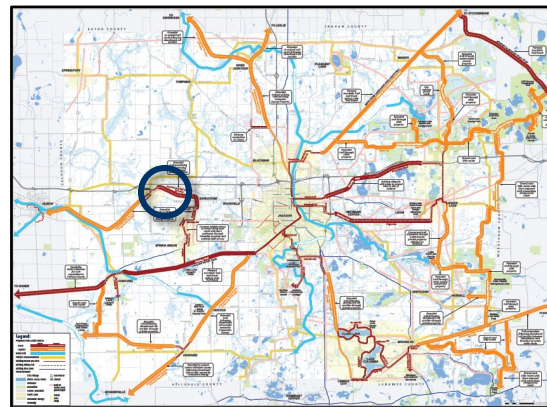
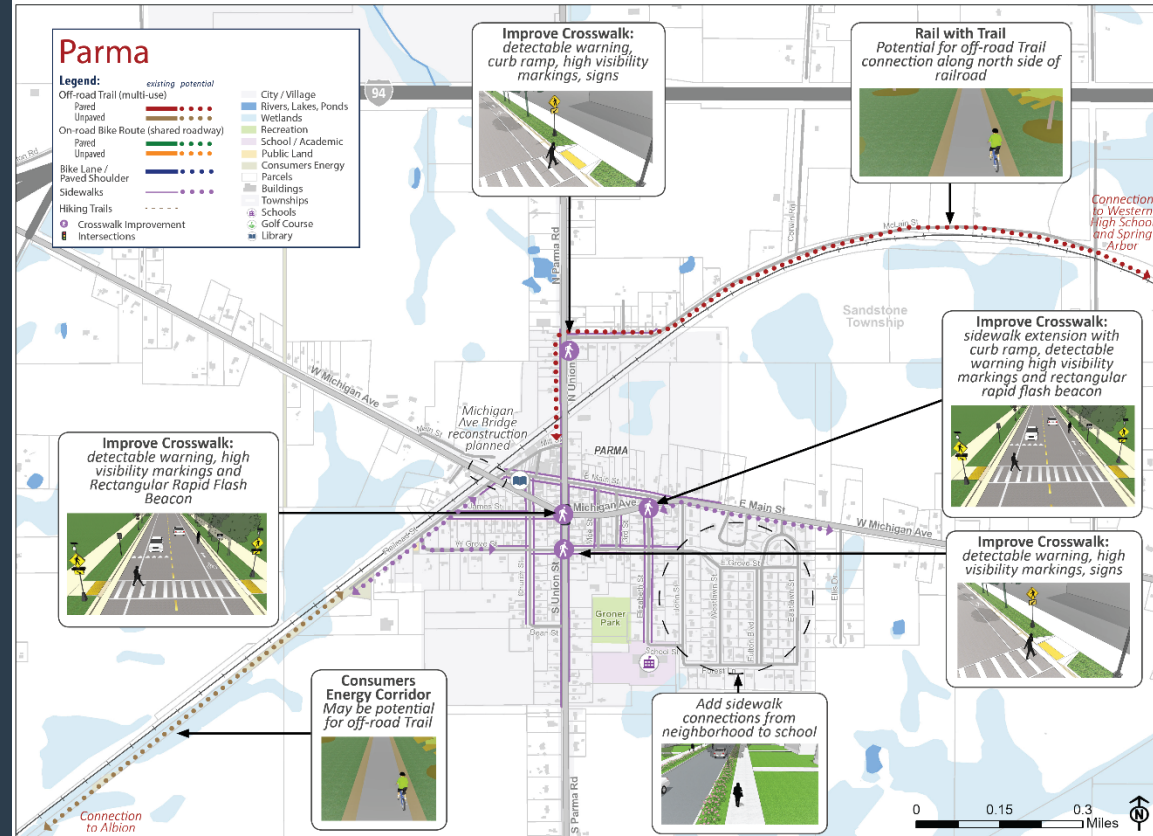
# Parma Area Preliminary Plan

## Local Priorities:

1. Improved Michigan Ave crosswalks
2. Sidewalk access from business district to neighborhood on east of town
3. Sidewalk access from neighborhood to elementary school

## Issues:

- Major sidewalk infrastructure project for a small town





# Parma

## Legend:

	existing	potential
Off-road Trail (multi-use)		
Paved		
Unpaved		
On-road Bike Route (shared roadway)		
Paved		
Unpaved		
Bike Lane / Paved Shoulder		
Sidewalks		
Hiking Trails		
Crosswalk Improvement		
Intersections		
City / Village		
Rivers, Lakes, Ponds		
Wetlands		
Recreation		
School / Academic		
Public Land		
Consumers Energy		
Parcels		
Buildings		
Townships		
Schools		
Golf Course		
Library		

**Improve Crosswalk:**  
detectable warning,  
curb ramp, high visibility  
markings, signs



**Rail with Trail**  
Potential for off-road Trail  
connection along north side of  
railroad



Connection  
to Western  
High School  
and Spring  
Arbor

**Improve Crosswalk:**  
sidewalk extension with  
curb ramp, detectable  
warning high visibility  
markings and rectangular  
rapid flash beacon



**Improve Crosswalk:**  
detectable warning, high  
visibility markings, signs



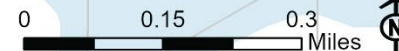
**Improve Crosswalk:**  
detectable warning, high  
visibility markings and  
Rectangular Rapid Flash  
Beacon



**Consumers  
Energy Corridor**  
May be potential  
for off-road Trail



**Add sidewalk  
connections from  
neighborhood to school**







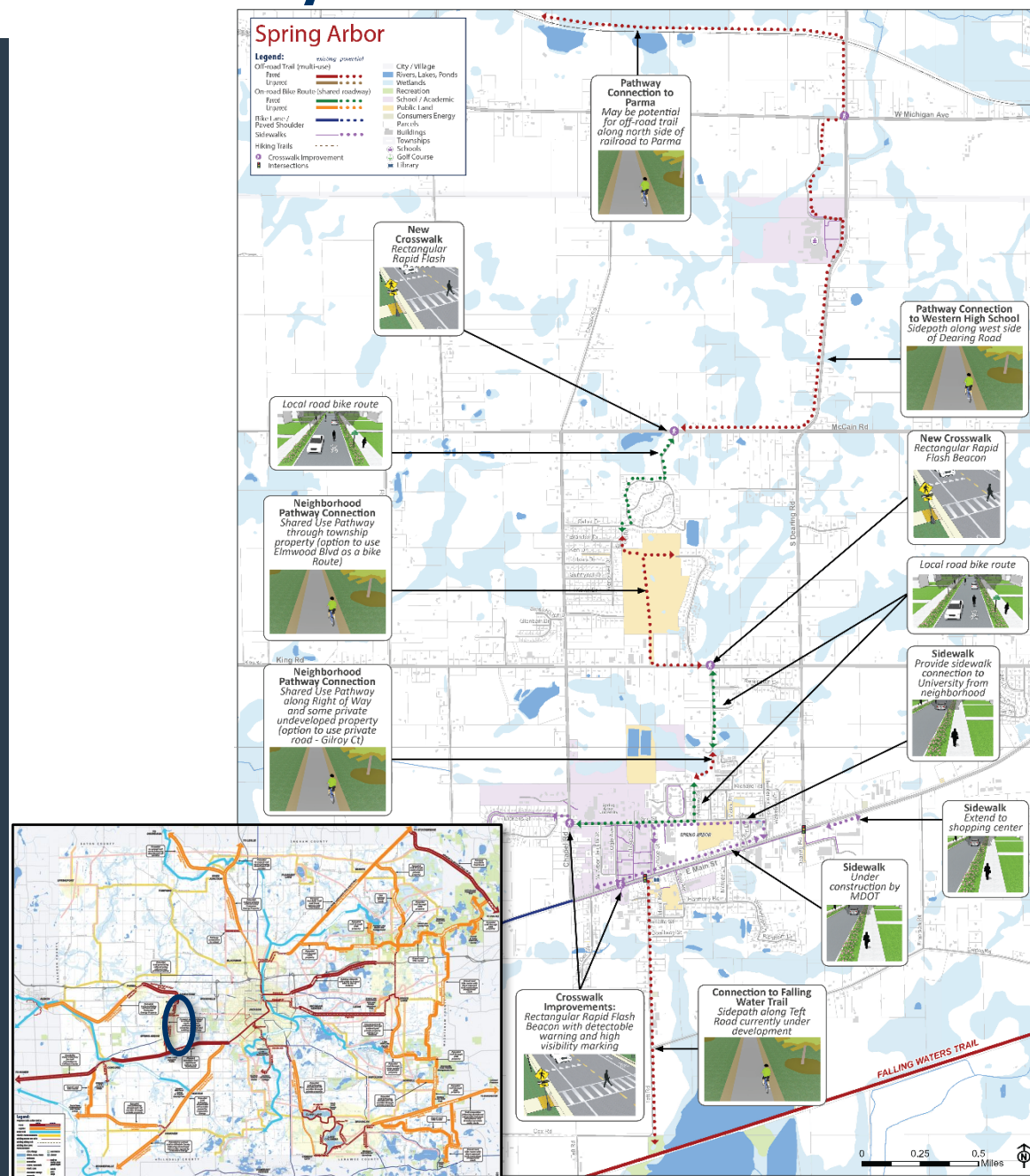
# Spring Arbor Area Preliminary Plan

## Local Priorities:

1. Connector path from Spring Arbor to Falling Waters Trail (in development)
2. Sidewalk access from residential areas to Spring Arbor campus
3. Pedestrian and bike access to Western High School

## Opportunity:

- Combine local priorities with short extension to create new regional trail link



Route)



**Neighborhood Pathway Connection**  
Shared Use Pathway along Right of Way and some private undeveloped property (option to use private road - Gilroy Ct)



Local road bike route



**Sidewalk**  
Provide sidewalk connection to University from neighborhood



**Sidewalk**  
Extend to shopping center



**Sidewalk**  
Under construction by MDOT



**Crosswalk Improvements:**  
Rectangular Rapid Flash Beacon with detectable warning and high visibility marking



**Connection to Falling Water Trail**  
Sidepath along Teft Road currently under development



FALLING WATERS TRAIL

# Spring Arbor

**Legend:**

Off-road Trail (multi-use)	existing potential	City / Village
Paved	—	Rivers, Lakes, Ponds
Unpaved	—	Wetlands
On-road Bike Route (shared roadway)	—	Recreation
Paved	—	School / Academic
Unpaved	—	Public Land
Bike Lane / Paved Shoulder	—	Consumers Energy
Sidewalks	—	Parcels
Hiking Trails	—	Buildings
	—	Townships
	—	Schools
	—	Golf Course
	—	Library
	—	




# Spring Arbor


**Legend:**

existing	potential
Off-road Trail (multi-use)	
Paved	
Unpaved	
On-road Bike Route (shared roadway)	
Paved	
Unpaved	
Bike Lane / Paved Shoulder	
Sidewalks	
Hiking Trails	
Crosswalk Improvement	
Intersections	
City / Village	
Rivers, Lakes, Ponds	
Wetlands	
Recreation	
School / Academic	
Public Land	
Consumers Energy	
Parcels	
Buildings	
Townships	
Schools	
Golf Course	
Library	


**Pathway Connection to Parma**  
*May be potential for off-road trail along north side of railroad to Parma*



**New Crosswalk Rectangular Rapid Flash Beacon**



**Pathway Connection to Western High School**  
*Sidewalk along west side of Dearing Road*




**Local road bike route**



**New Crosswalk Rectangular Rapid Flash Beacon**



**Neighborhood Pathway Connection**  
*Shared Use Pathway through township property (option to use Elmwood Blvd as a bike Route)*



**Local road bike route**







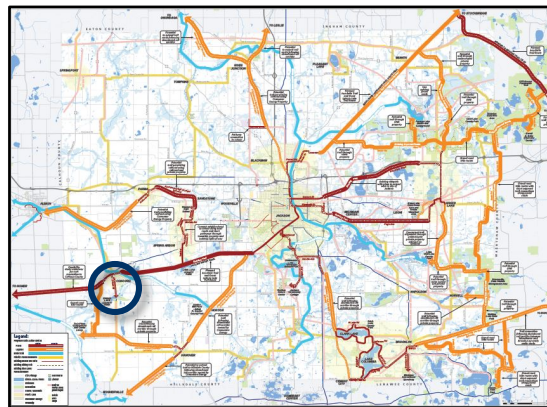
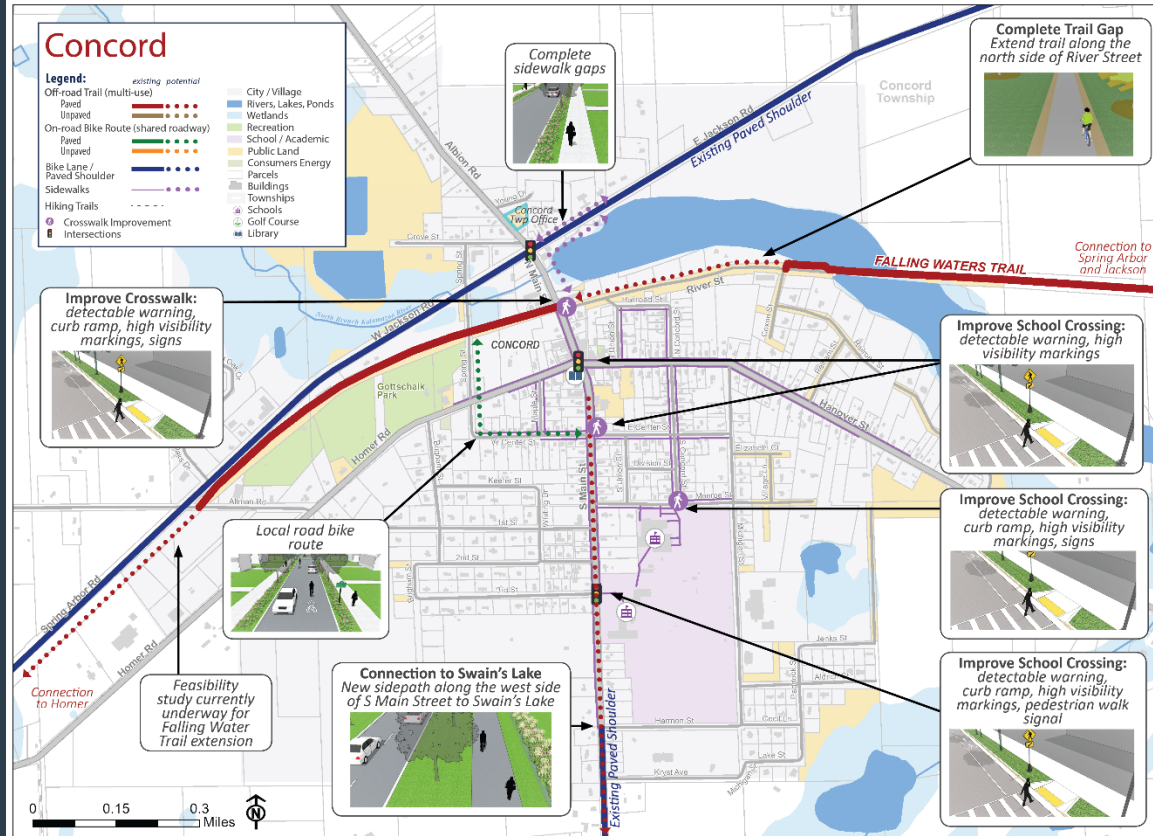
# Concord Area Preliminary Plan

## Local Priorities:

1. Better connection between Falling Waters Trail and Concord Trail (and proposed extension to Homer)
2. Sidewalk linkages between downtown and commercial areas along Jackson Road
3. Pathway between Concord and Swain's Lake County Park

## Issues:

- Pathway to Swain's Lake is an expensive "spur"





# Concord

## Legend:

- Off-road Trail (multi-use)**
- Paved
  - Unpaved
- On-road Bike Route (shared roadway)**
- Paved
  - Unpaved
- Bike Lane / Paved Shoulder**
- Sidewalks**
- Hiking Trails**
- Crosswalk Improvement**
- Intersections**

- City / Village**
- Rivers, Lakes, Ponds**
- Wetlands**
- Recreation**
- School / Academic**
- Public Land**
- Consumers Energy**
- Parcels**
- Buildings**
- Townships**
- Schools**
- Golf Course**
- Library**

## Complete sidewalk gaps



## Complete Trail Gap

Extend trail along the north side of River Street



## Improve Crosswalk:

detectable warning, curb ramp, high visibility markings, signs



## Improve School Crossing:

detectable warning, high visibility markings



## Improve School Crossing:

detectable warning, curb ramp, high visibility markings, signs



## Improve School Crossing:

detectable warning, curb ramp, high visibility markings, pedestrian walk signal



## Local road bike route



## Connection to Swain's Lake

New sidepath along the west side of S Main Street to Swain's Lake



Feasibility study currently underway for Falling Water Trail extension

0 0.15 0.3 Miles





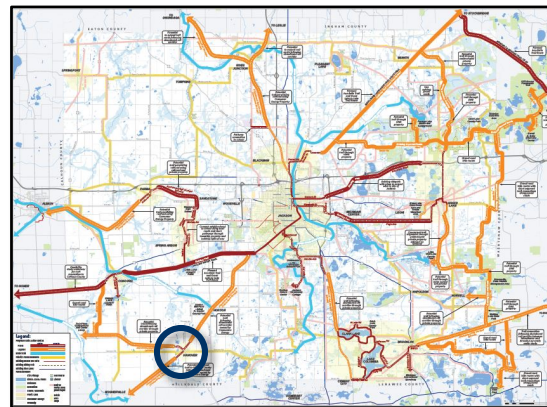
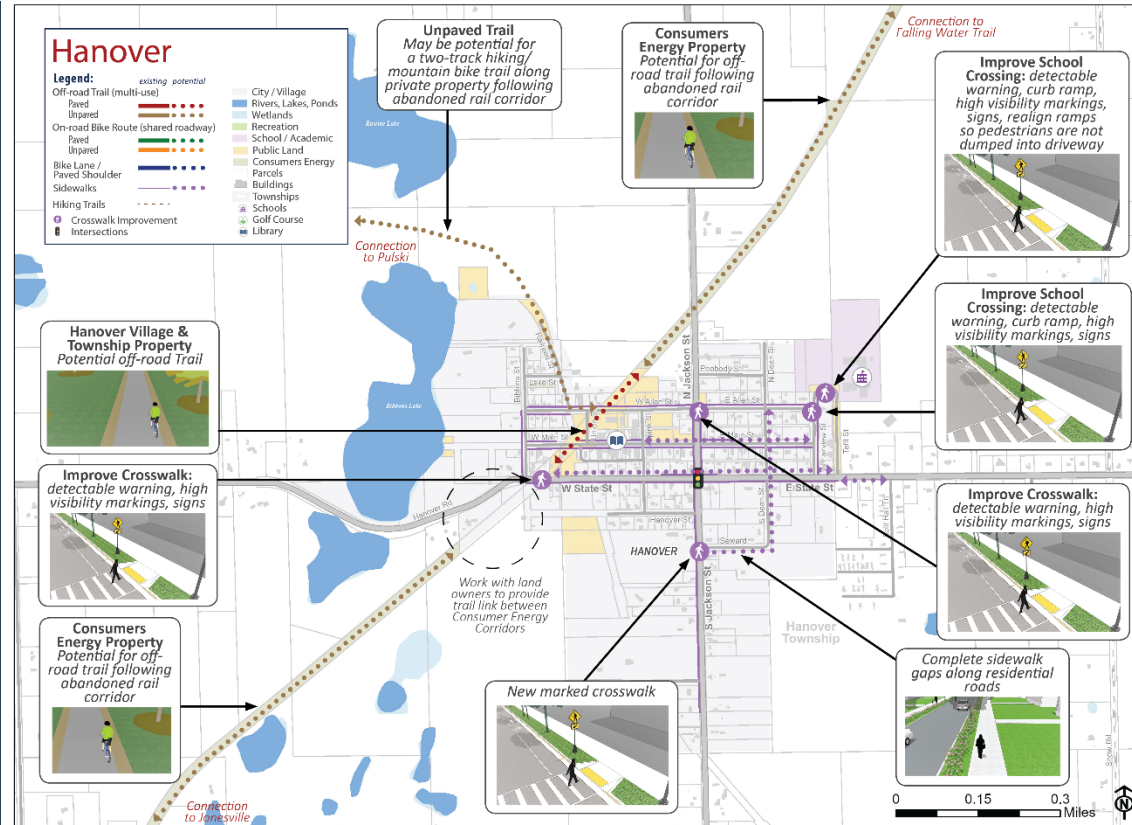
# Hanover Area Preliminary Plan

## Local Priorities:

1. Many sidewalk gaps
2. Improved school crosswalks

## Issues:

- How to address gap in Consumers Power ownership of abandoned railroad corridor





# Hanover

## Legend:

existing potential

Off-road Trail (multi-use)

Paved

Unpaved

On-road Bike Route (shared roadway)

Paved

Unpaved

Bike Lane /

Paved Shoulder

Sidewalks

Hiking Trails

Crosswalk Improvement

Intersections

City / Village

Rivers, Lakes, Ponds

Wetlands

Recreation

School / Academic

Public Land

Consumers Energy

Parcels

Buildings

Townships

Schools

Golf Course

Library

**Unpaved Trail**  
May be potential for a two-track hiking/ mountain bike trail along private property following abandoned rail corridor

**Consumers Energy Property**  
Potential for off-road trail following abandoned rail corridor

Connection to  
Falling Water Trail

**Improve School Crossing:** detectable warning, curb ramp, high visibility markings, signs, realign ramps so pedestrians are not dumped into driveway



**Improve School Crossing:** detectable warning, curb ramp, high visibility markings, signs



**Improve Crosswalk:** detectable warning, high visibility markings, signs



**Complete sidewalk gaps along residential roads**



**New marked crosswalk**



**Hanover Village & Township Property**  
Potential off-road Trail



**Improve Crosswalk:** detectable warning, high visibility markings, signs



**Consumers Energy Property**  
Potential for off-road trail following abandoned rail corridor



Connection to  
Pulaski

Work with land owners to provide trail link between Consumer Energy Corridors

Connection to  
Jonesville

0 0.15 0.3 Miles



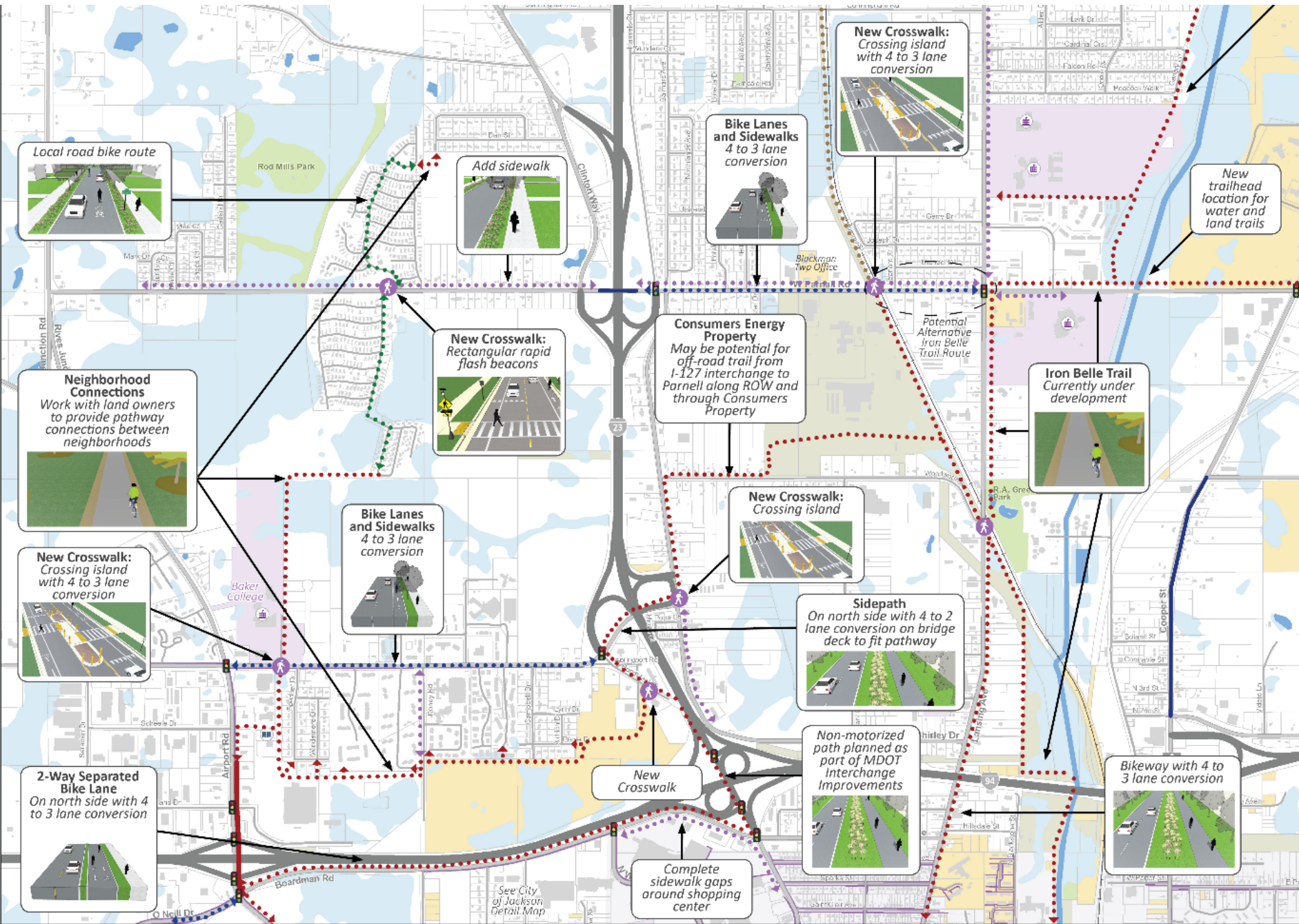


1. Connecting isolated neighborhoods
2. Linking into the Iron Belle Trail

# 1. Getting across freeway







**Local road bike route**

**Neighborhood Connections**  
Work with land owners to provide pathway connections between neighborhoods

**New Crosswalk: Crossing island with 4 to 3 lane conversion**

**2-Way Separated Bike Lane**  
On north side with 4 to 3 lane conversion

**Add sidewalk**

**New Crosswalk: Rectangular rapid flash beacons**

**Bike Lanes and Sidewalks 4 to 3 lane conversion**

**Bike Lanes and Sidewalks 4 to 3 lane conversion**

**Consumers Energy Property**  
May be potential for off-road trail from I-127 interchange to Parnell along ROW and through Consumers Property

**New Crosswalk: Crossing island**

**Sidepath**  
On north side with 4 to 2 lane conversion on bridge deck to fit pathway

**Non-motorized path planned as part of MDOT Interchange Improvements**

**New Crosswalk**

**Complete sidewalk gaps around shopping center**

**New Crosswalk: Crossing island with 4 to 3 lane conversion**

**Iron Belle Trail**  
Currently under development

**Bikeway with 4 to 3 lane conversion**

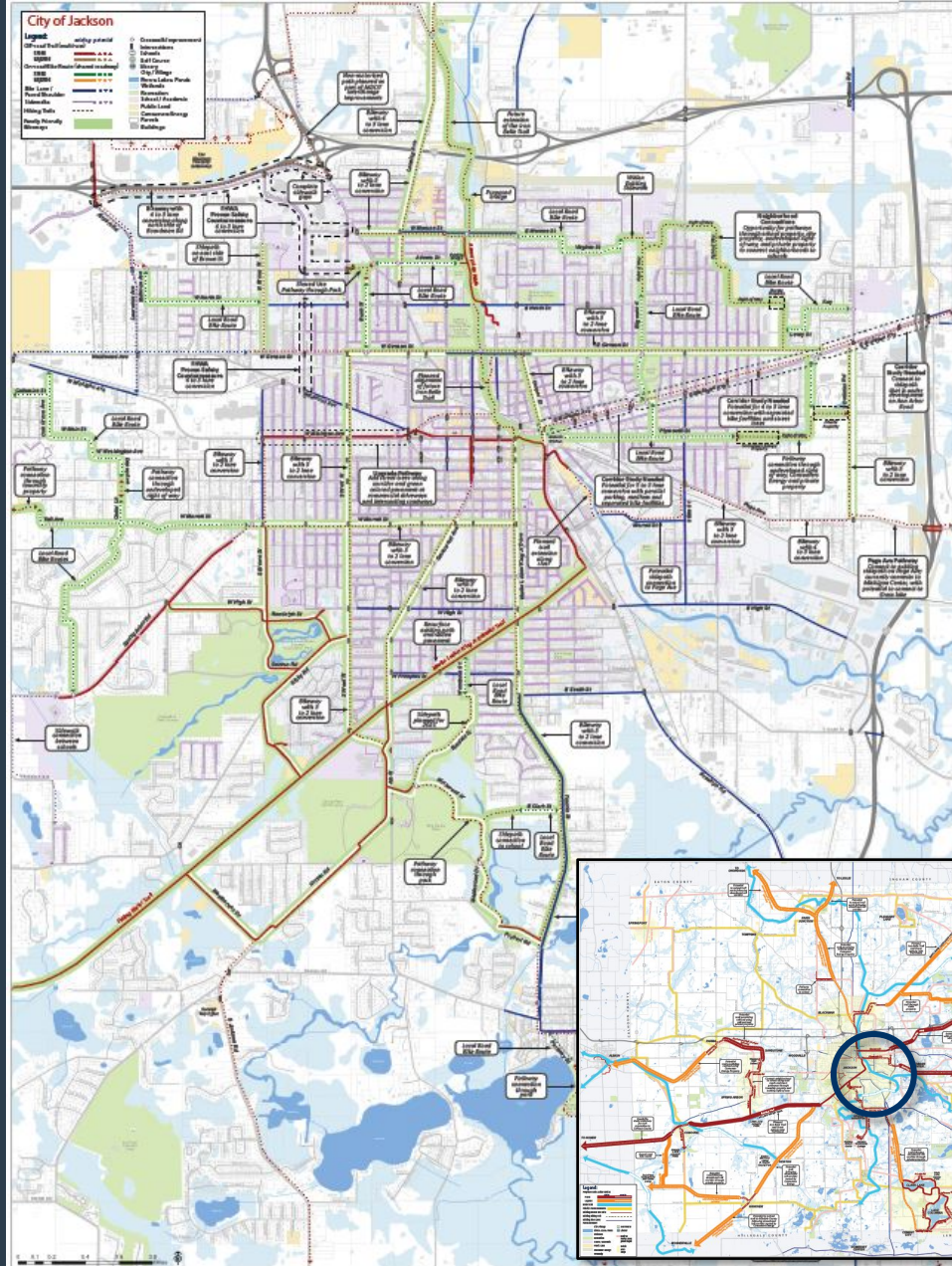
**New trailhead location for water and land trails**





# City of Jackson Preliminary Plan

- Focus is on creating a network of family friendly routes throughout city
- Preference is for off-road bicycle facilities rather than on-street bike lanes
  - Already adding off-road facilities when roads are reconstructed
- Proposing a “toolbox” of near and long-term options to achieve the objective of separated facilities

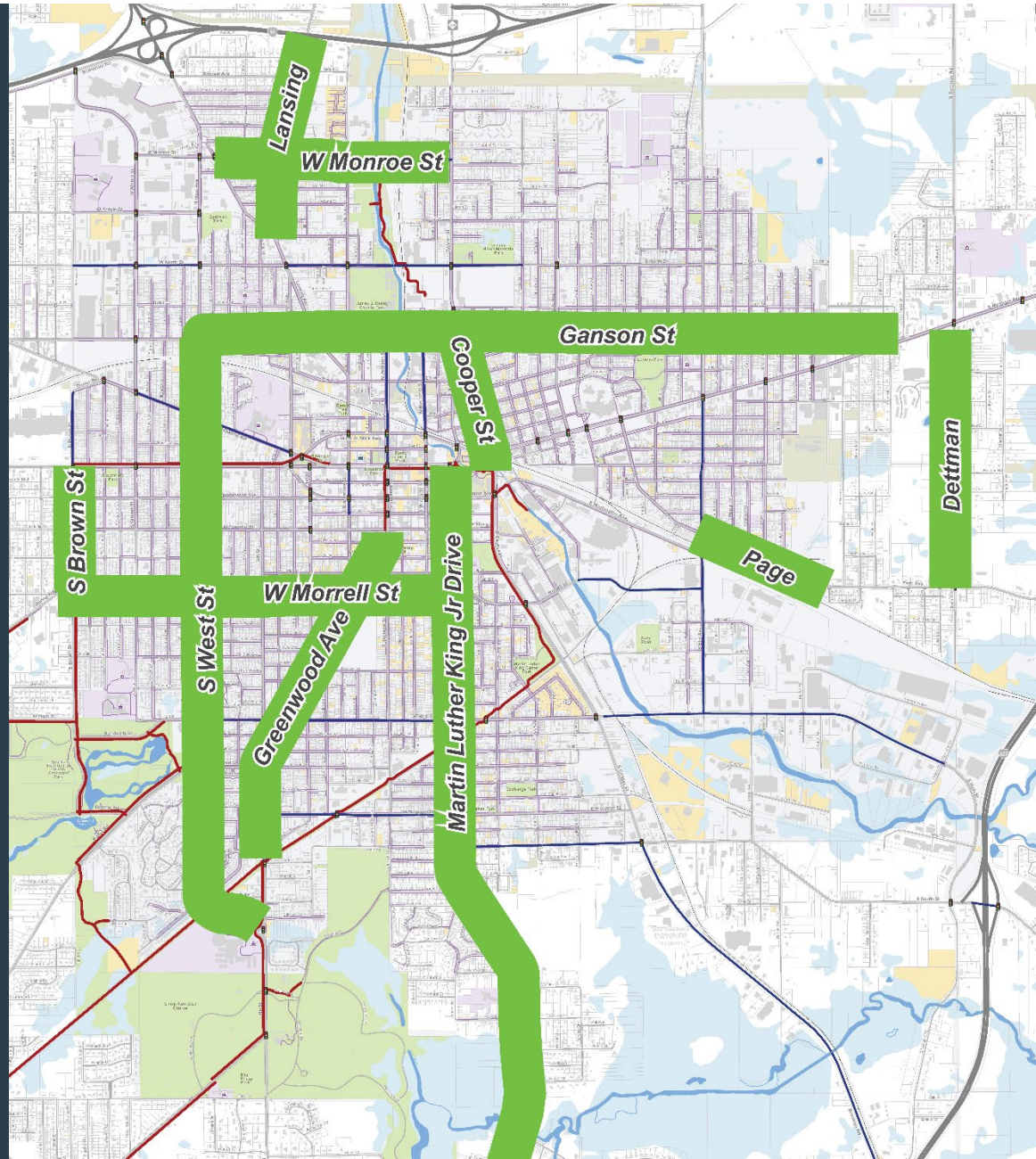






# Road Conversions – Foundation for the Network

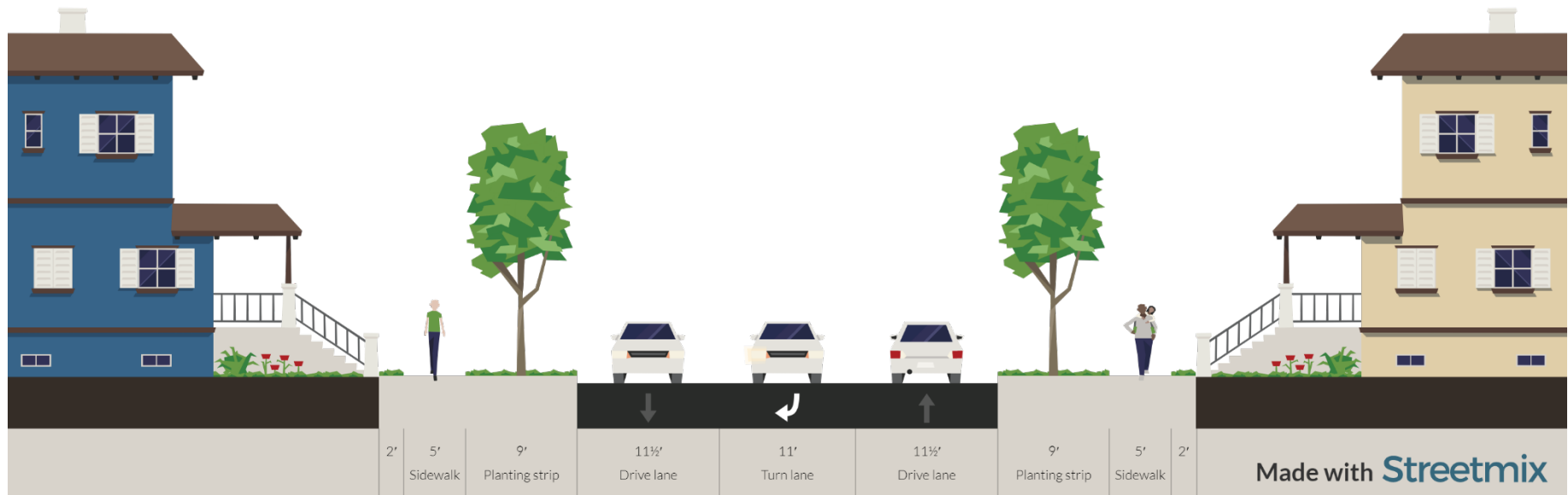
- The City has a network of roads that share many characteristics
  - Primarily 3 lanes
  - about 34' wide
  - About 11,000 vehicles a day or less
  - 30 mile per hour or less
  - Mostly residential
  - Transit routes
- These roads can function well as a 2 lane roads
  - Add turn lanes at signalized intersections and bus pull-outs







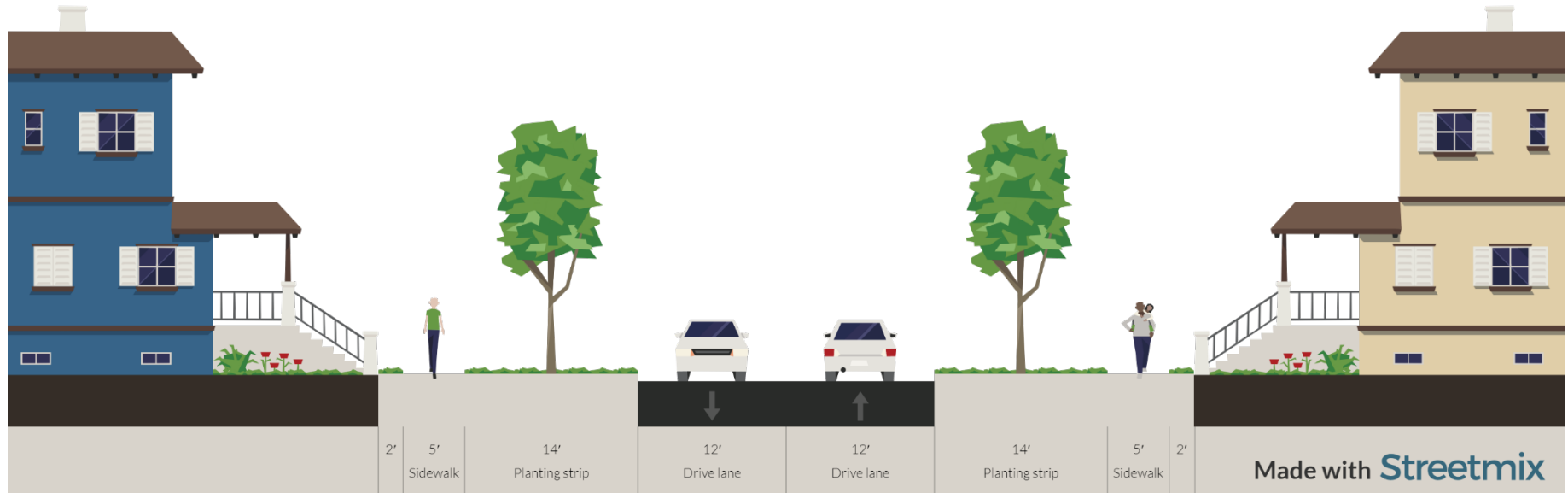
# Typical Three Lane Road Conversion Candidates



- Existing cross section encourages higher than desired speeds through residential areas
- Continuous left-turn lane is not warranted
- Many of these streets are likely to be reconstructed



# Existing 2 Lane Example with Sidewalks – 4<sup>th</sup> Street

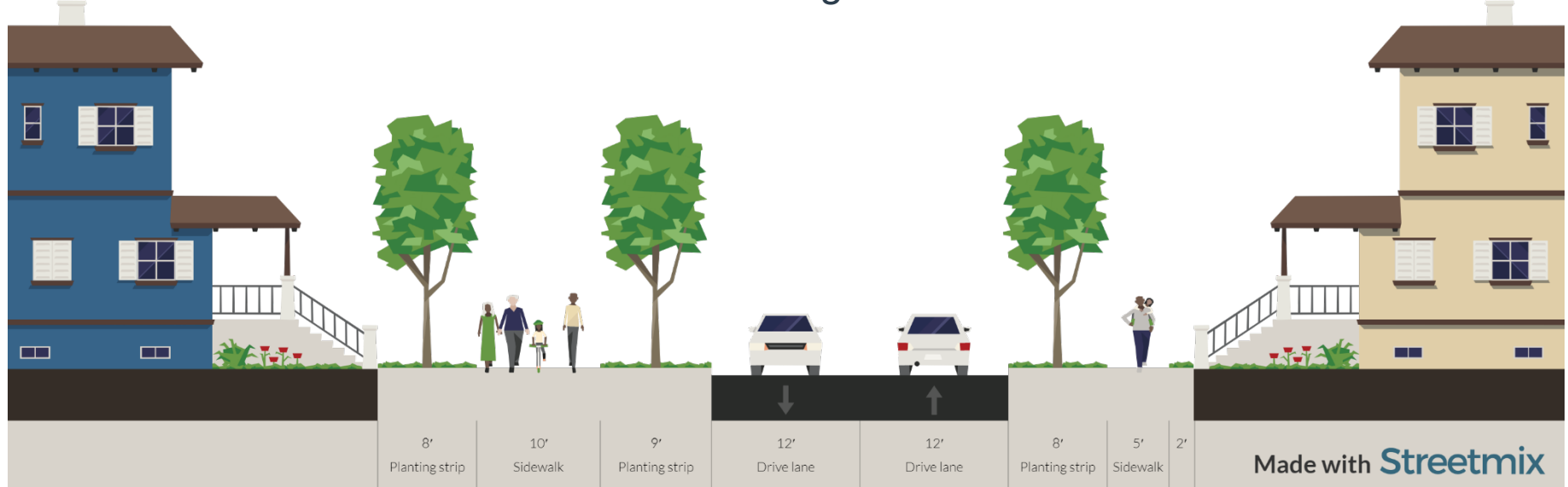


- Sidewalks both sides
- Generous lawn extension



# Existing 2 Lane Example with Path – Brown Street

Flairs to 3 lane road at signalized intersections



## Potential upgrades to this street:

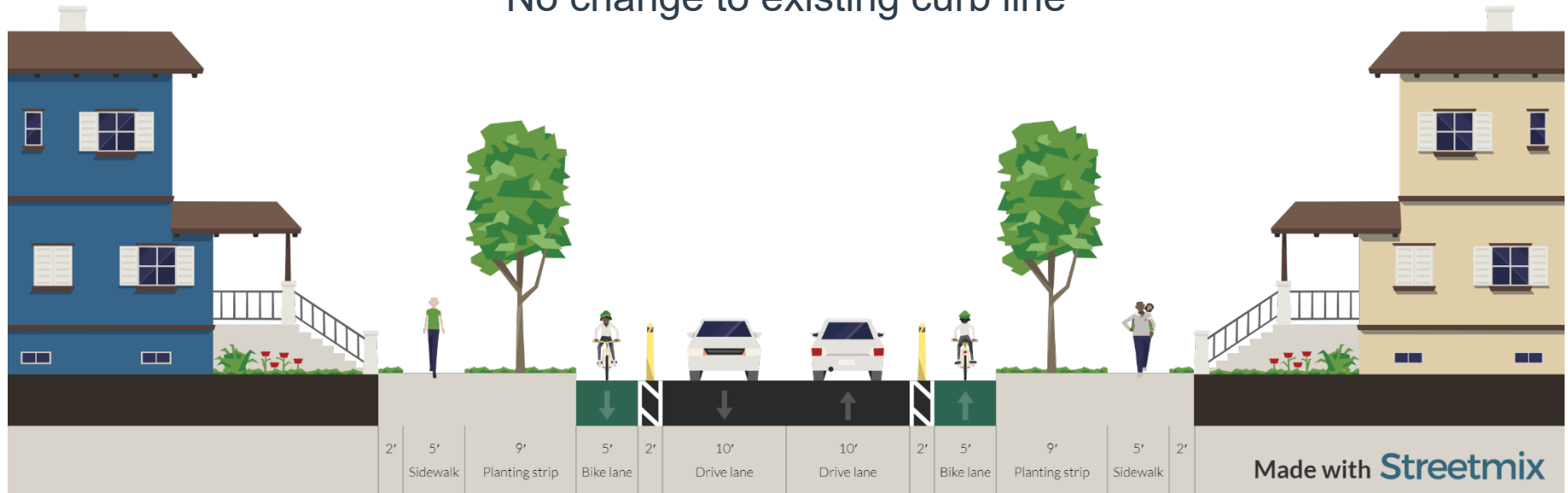
- Speed tables at crosswalks with green paint as an interim solution
- Turning vehicles must yield to bikes & peds. signage at stop signs
- Bicycle signals and restricted motor vehicle turning movements at signalized intersections





# Potential Near-term Separated Bike Lanes

No change to existing curb line



## Potential enhancements over typical bike lanes:

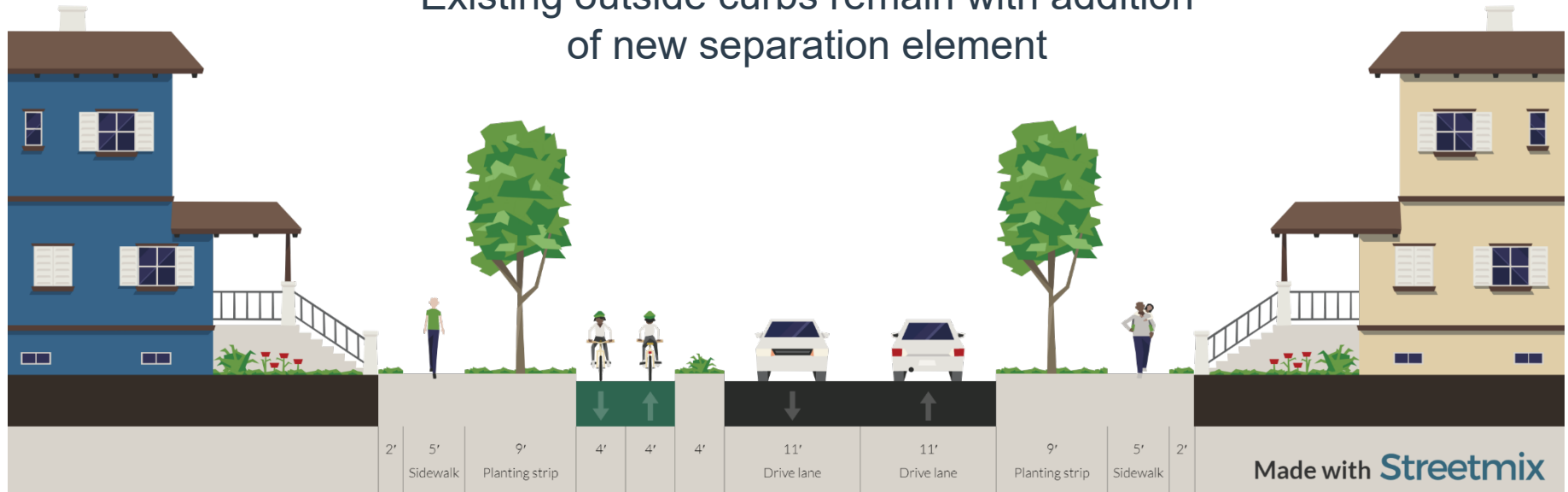
- Add green paint at conflict points
- Delineator posts and/or curb at the beginning and the end of blocks
- Add gateway treatments at at crosswalks
- Concerns about cost/benefit of this type of separation





# Potential Near-term Two-way Cycle Track

Existing outside curbs remain with addition of new separation element

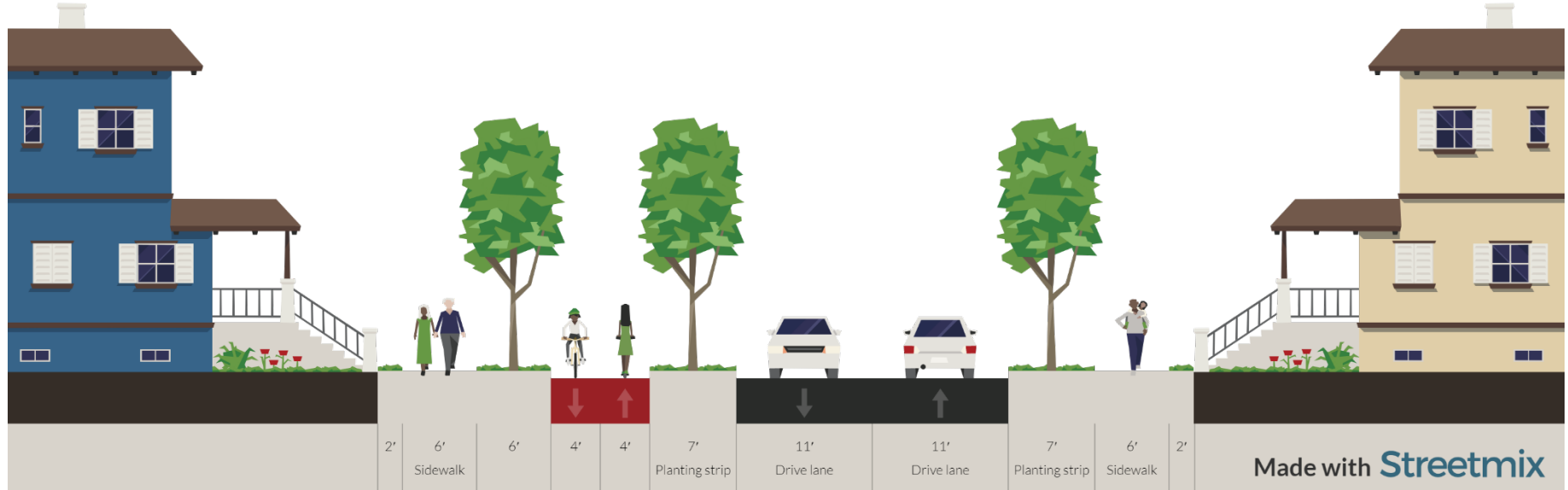


Proposed safety elements at intersections include:

- Speed tables at crosswalks with green paint as an interim solution
- Turning vehicles must yield to bike & ped. signage at stop control intersections
- Bicycle signals with restricted motor vehicle turning movements at signalized intersections



# Potential Long-term Two-way Micro-mobility Lanes



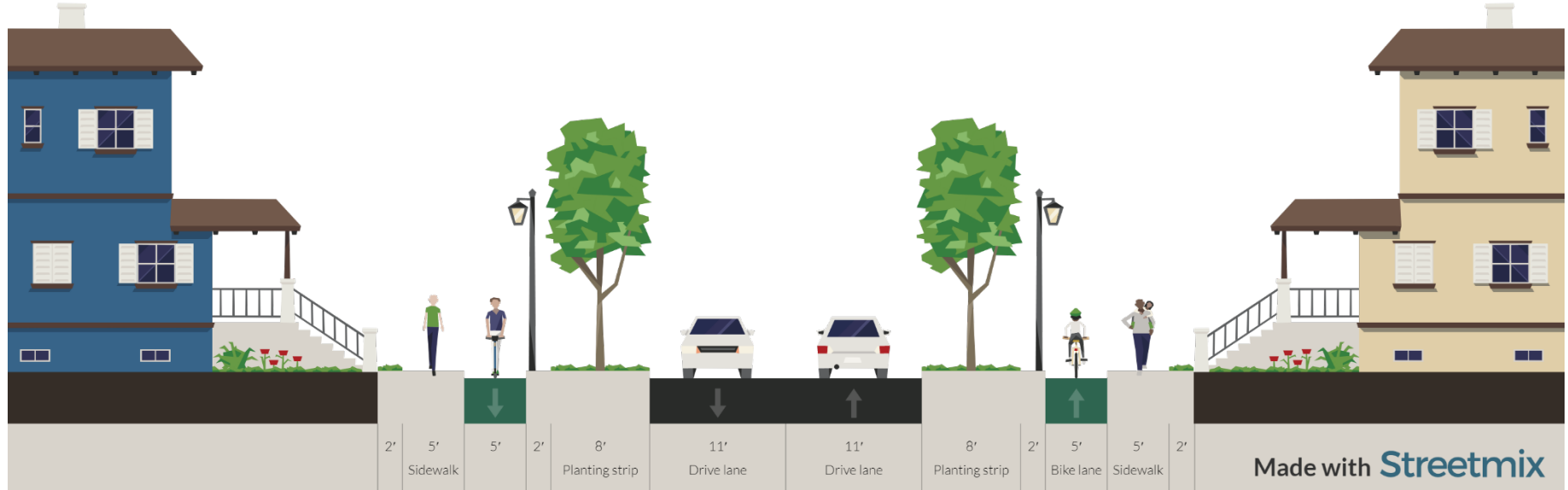
Similar to last slide, but with a more substantial buffer:

- Room for street trees adjacent to the roadway – better traffic calming
- Potential rain-garden in buffer
- Likely requires moving utilities





# Potential Long-term One-way Micromobility Lanes



## Bike lanes separated from the roadway:

- Room for street trees adjacent to the roadway – better traffic calming
- Potential rain-garden in buffer
- Likely requires moving utilities
- Where road flairs to add left turn lane at intersections bike lane is closer to roadway and more visible



# Potential Elements of Neighborhood Greenway Streets

- Rain garden buffers
  - Between roadway and bikeway
  - Between bikeway and sidewalk
- Green pavement at conflict points
  - Commercial driveways
  - Crosswalks
- Raised bikeways and crosswalks at intersections







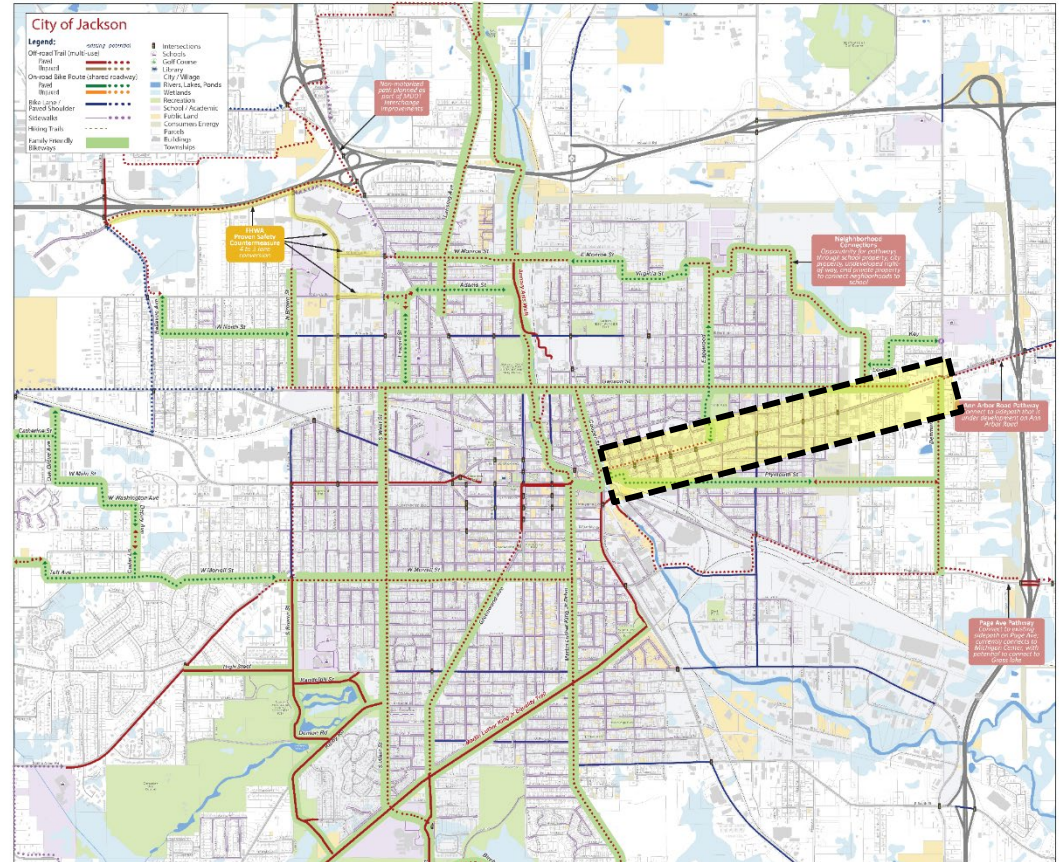
- [illegible]





# Michigan Avenue – Cooper Street to Ganson Avenue

- Major gateway to the City
- Five lane road from Cooper Street to Page Avenue
- 4 lane road from Page Avenue to Ganson
- Transit route
- Traffic volumes can be satisfied by 3 lanes
  - Create a safer road for all modes of travel
  - 4 to 3 lane conversions are proven safety measures



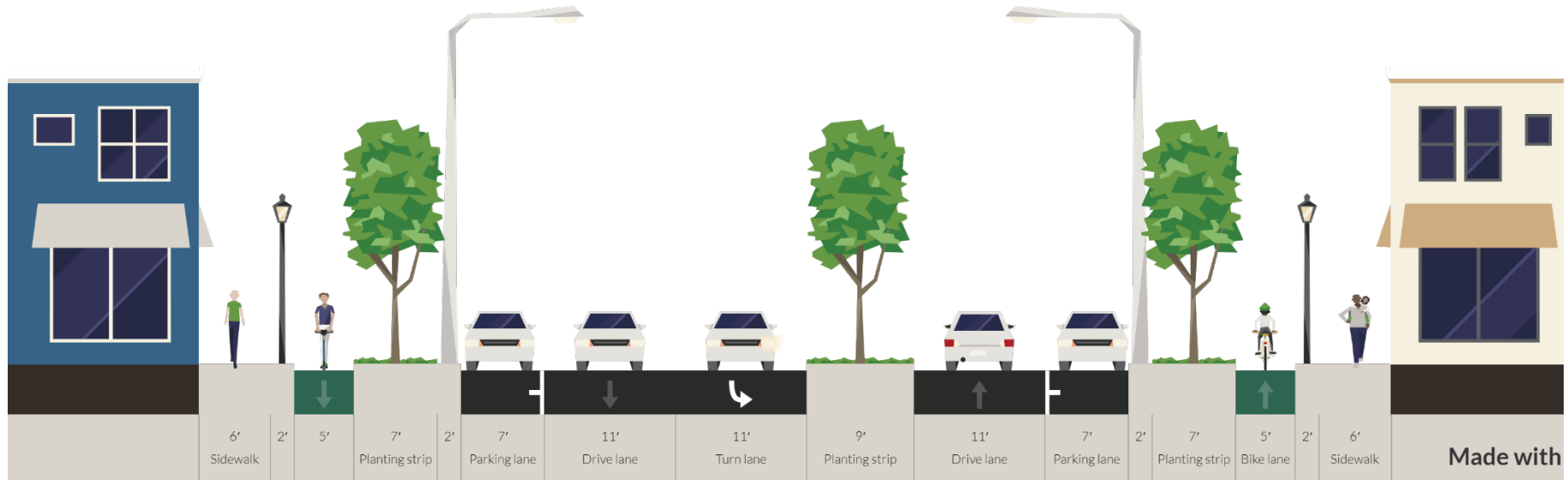
Potential to greatly improve to character of this roadway

Many options – this will require a study unto itself, the following are just a few ideas



# Michigan Ave – Cooper Street to Page Ave, 100' ROW

Currently 5 lanes with some on-street parking



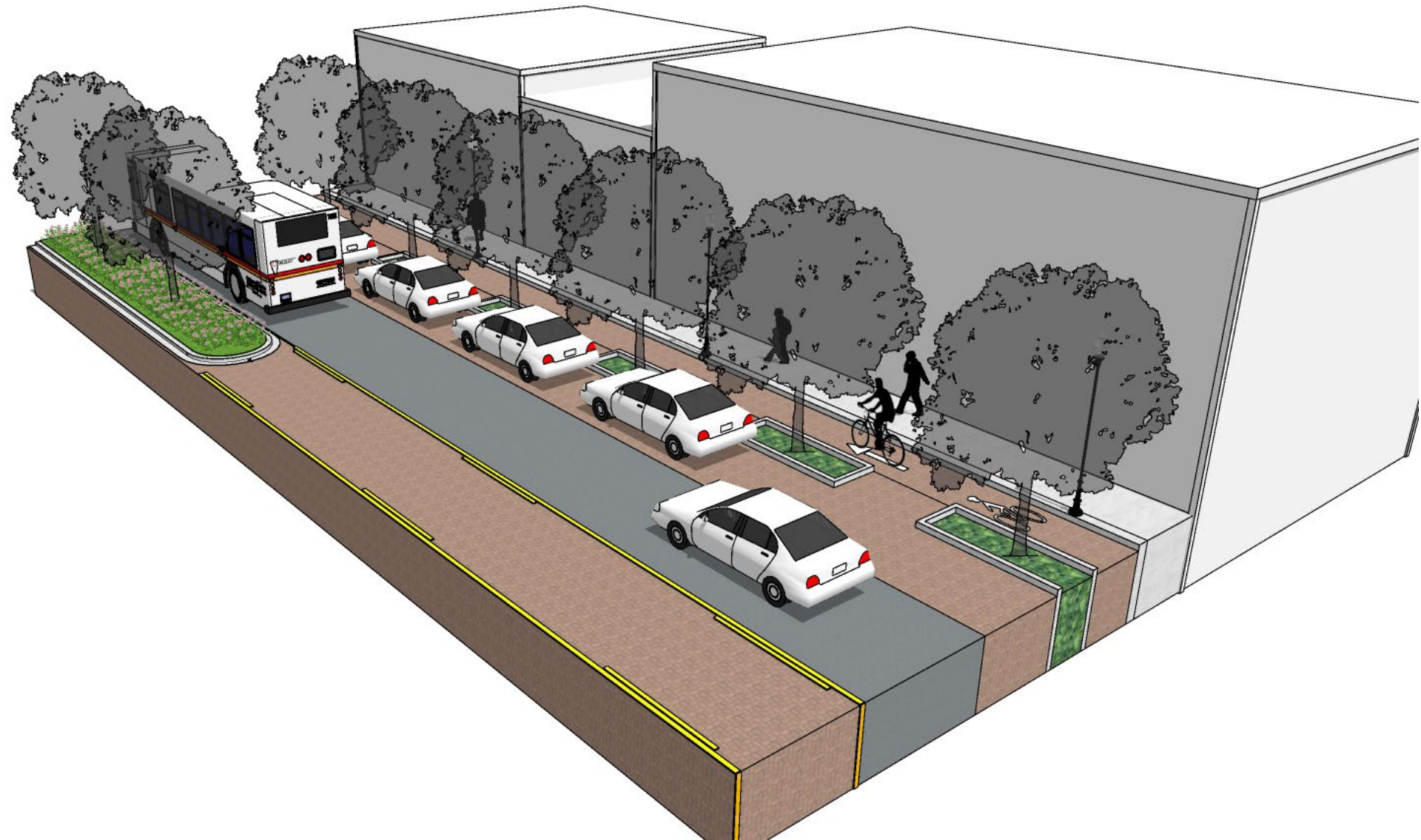
Many options with a three-lane road including:

- Keep parallel parking on both sides
- Add bikeways separated from the road
- Planted median and buffers

Other corridor enhancements include bringing all future building up to edge of the right-of-way and providing a street presence



# Michigan Avenue Concept Sketch

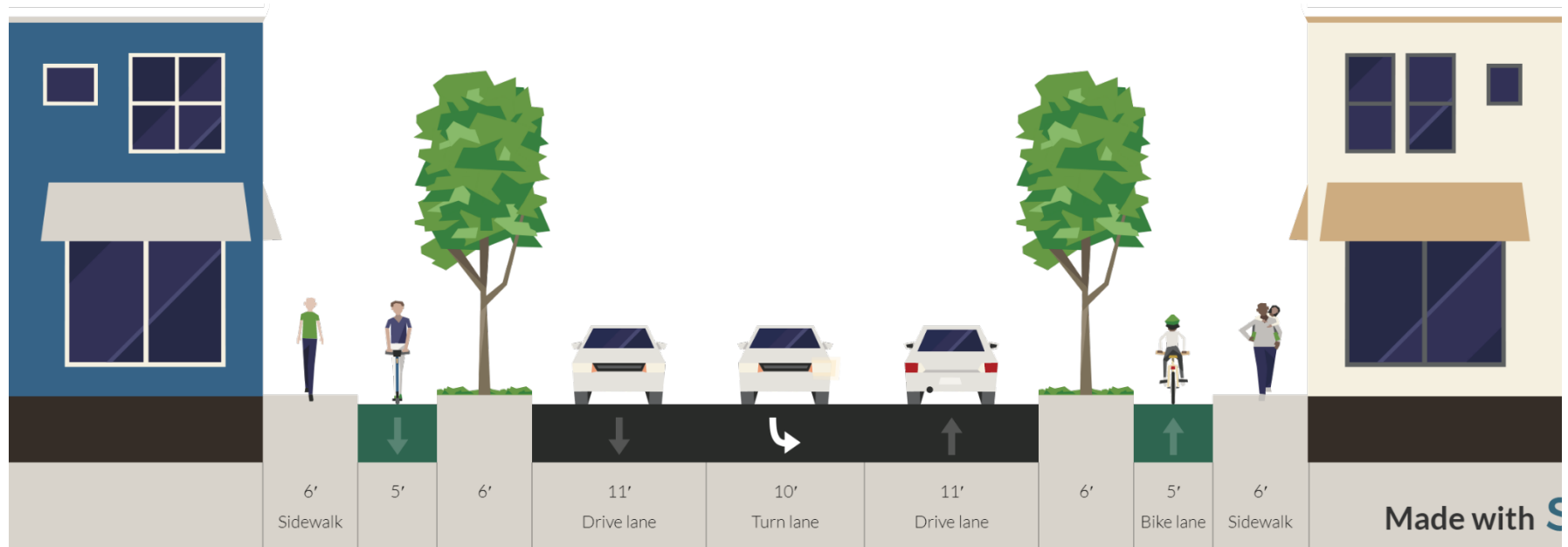






# Michigan Ave – Page Ave to Ganson St, 66' ROW

Currently 4 lanes





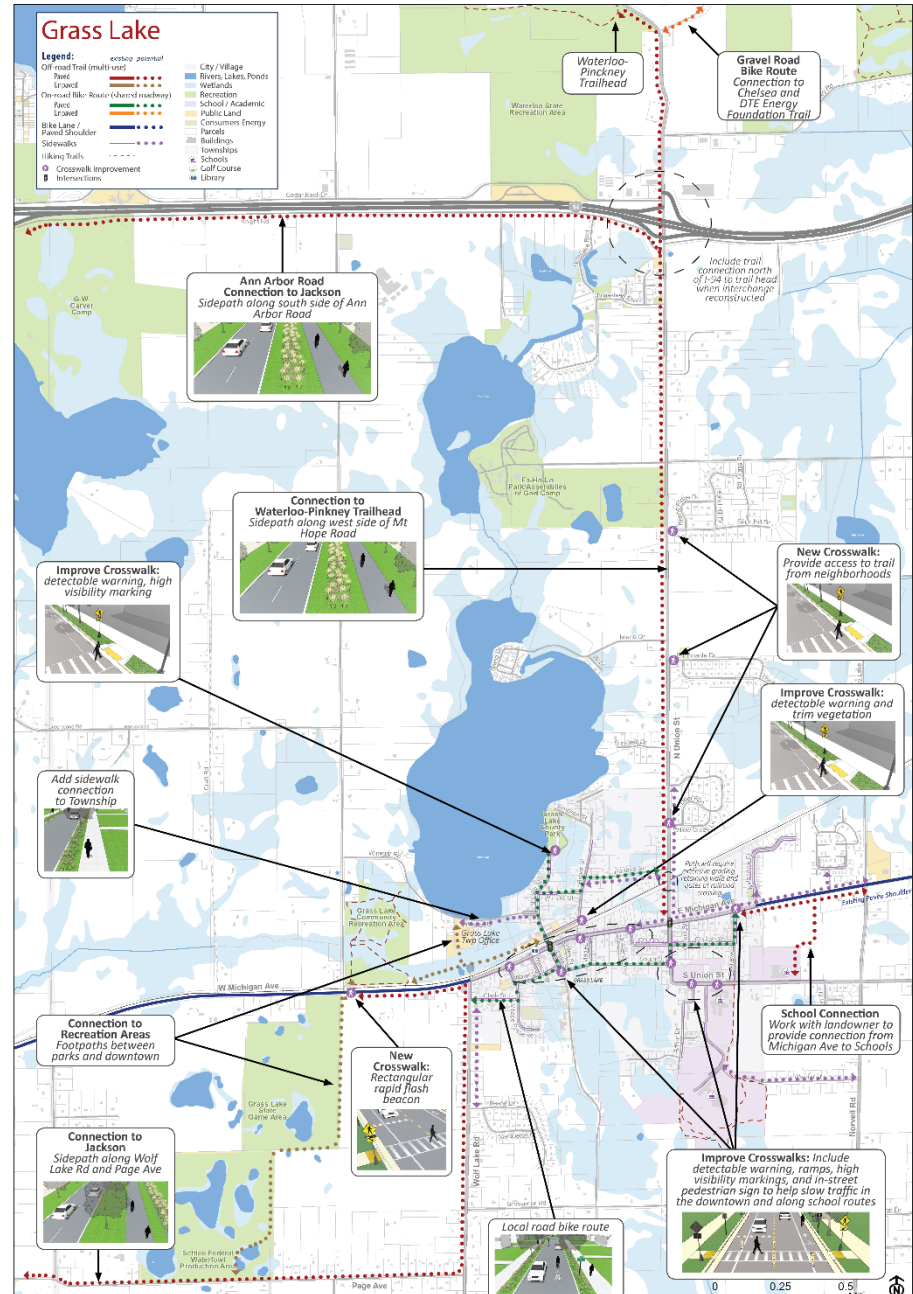
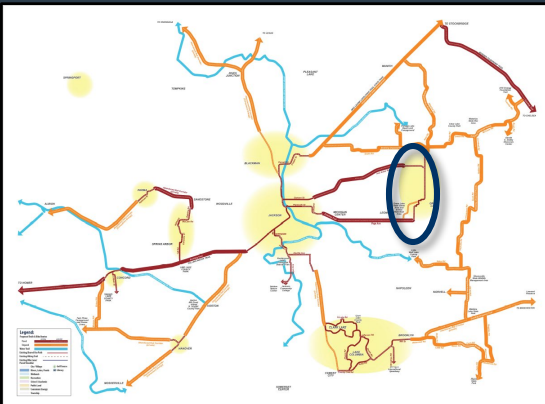
# Grass Lake Area Preliminary Plan

## Local Priorities:

1. Access from downtown to neighborhoods along Mt. Hope Road
2. Numerous crosswalk enhancements
3. Improved access to the high school

## Issues:

- RR pedestrian crossings



# Grass Lake

## Legend:

- existing potential**
- Off-road Trail (multi-use)
    - Paved
    - Unpaved
  - On-road Bike Route (shared roadway)
    - Paved
    - Unpaved
  - Bike Lane / Paved Shoulder
  - Sidewalks
  - Hiking Trails
  - Crosswalk Improvement
  - Intersections

- City / Village
- Rivers, Lakes, Ponds
- Wetlands
- Recreation
- School / Academic
- Public Land
- Consumers Energy
- Parcels
- Buildings
- Townships
- Schools
- Golf Course
- Library

**Add sidewalk connection to Township**



**Improve Crosswalk: detectable warning and trim vegetation**



**Connection to Recreation Areas**  
Footpaths between parks and downtown

**Connection to Jackson**  
Sidepath along Wolf Lake Rd and Page Ave



**New Crosswalk: Rectangular rapid flash beacon**



**School Connection**  
Work with landowner to provide connection from Michigan Ave to Schools

**Improve Crosswalks: Include detectable warning, ramps, high visibility markings, and in-street pedestrian sign to help slow traffic in the downtown and along school routes**



**Local road bike route**





# Grass Lake

## Legend:

existing potential

Off-road Trail (multi-use)

Paved  
Unpaved

On-road Bike Route (shared roadway)

Paved  
Unpaved

Bike Lane /  
Paved Shoulder

Sidewalks

Hiking Trails

Crosswalk Improvement

Intersections

City / Village  
Rivers, Lakes, Ponds  
Wetlands  
Recreation  
School / Academic  
Public Land  
Consumers Energy  
Parcels  
Buildings  
Townships  
Schools  
Golf Course  
Library

Waterloo-  
Pinckney  
Trailhead

Gravel Road  
Bike Route  
Connection to  
Chelsea and  
DTE Energy  
Foundation Trail

Ann Arbor Road  
Connection to Jackson  
Sidepath along south side of Ann  
Arbor Road



Connection to  
Waterloo-Pinkney Trailhead  
Sidepath along west side of Mt  
Hope Road



Improve Crosswalk:  
detectable warning, high  
visibility marking



New Crosswalk:  
Provide access to trail  
from neighborhoods

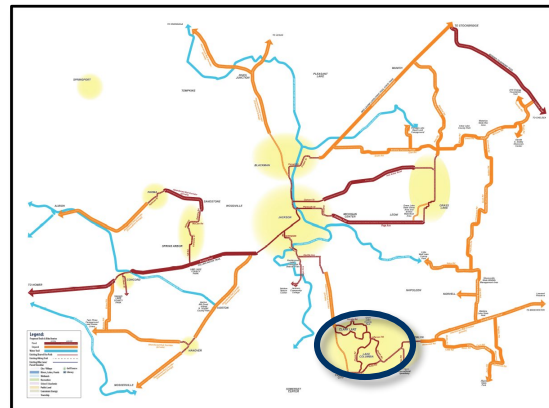
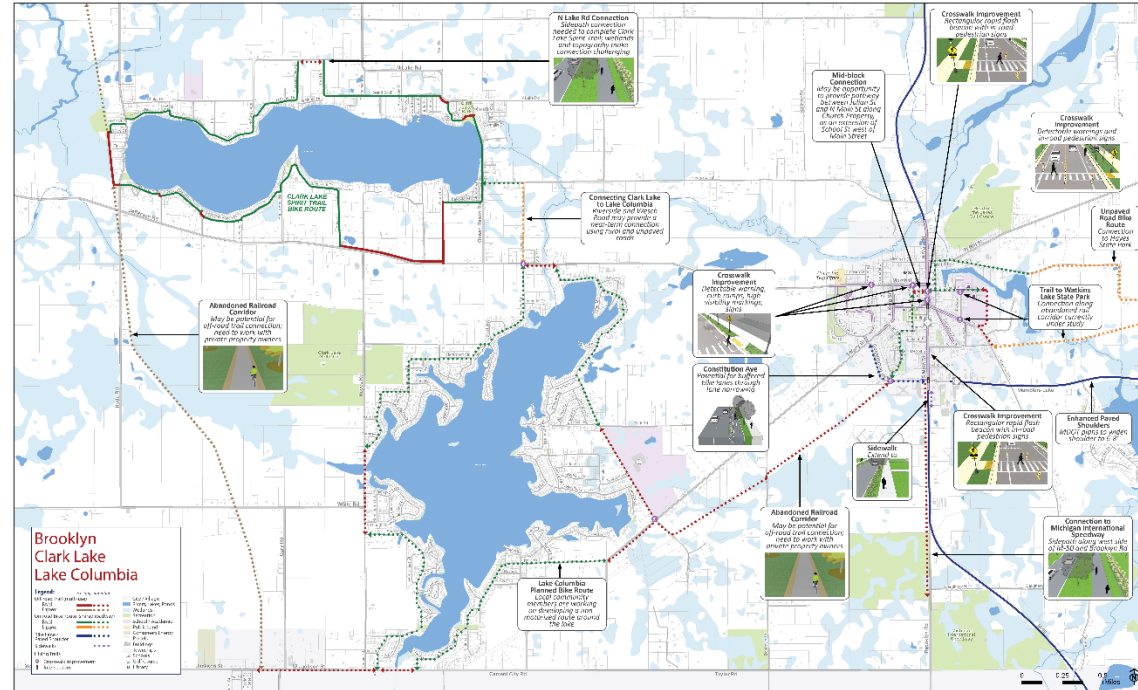


Include trail  
connection north  
of I-94 to trail head  
when interchange  
reconstructed



1. Numerous crosswalk improvements in Brooklyn
2. Gaps in lake loops
3. Link between Clark Lake and Lake Columbia
4. Linked between Brooklyn and Lake Columbia

- Private ownership of railroad corridor



# Brooklyn Clark Lake Lake Columbia

- Legend:**
- existing potential
  - Off road Trail (multi use)
    - Paved
    - Unpaved
  - On-road Bike Route (shared roadway)
    - Paved
    - Unpaved
  - Bike Lane / Paved Shoulder
  - Sidewalks
  - Hiking Trails
  - Crosswalk Improvement
  - Intersections
  - City / Village
  - Rivers, Lakes, Ponds
  - Wetlands
  - Recreation
  - School / Academic
  - Public Land
  - Consumer Energy
  - Parcels
  - Buildings
  - Townships
  - Schools
  - Golf Course
  - Library

**N Lake Rd Connection**  
Sidepath connection needed to complete Clark Lake Spirit Trail; wetlands and topography make connection challenging



**Mid-block Connection**  
May be opportunity to provide pathway between Julian St and N Main St along Church Property, as an extension of School St west of Main Street

**Connecting Clark Lake to Lake Columbia**  
Riverside and Wesch Road may provide a near-term connection using rural and unpaved roads

**Abandoned Railroad Corridor**  
May be potential for off-road trail connection; need to work with private property owners



**Crosswalk Improvement**  
Detectable warning, curb ramps, high visibility markings, signs



**Constitution Ave**  
Potential for buffered bike lanes through lane narrowing



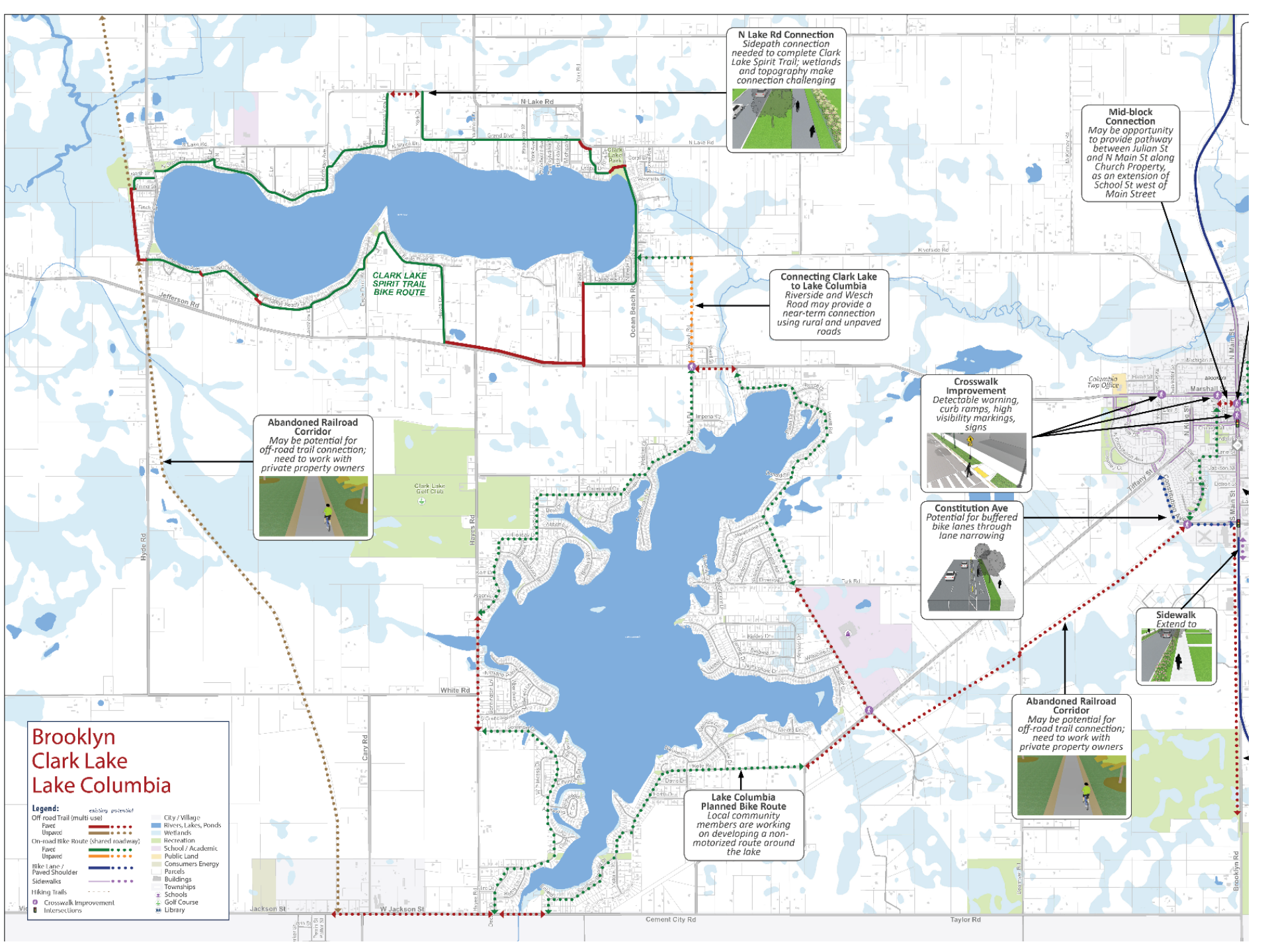
**Sidewalk Extend to**



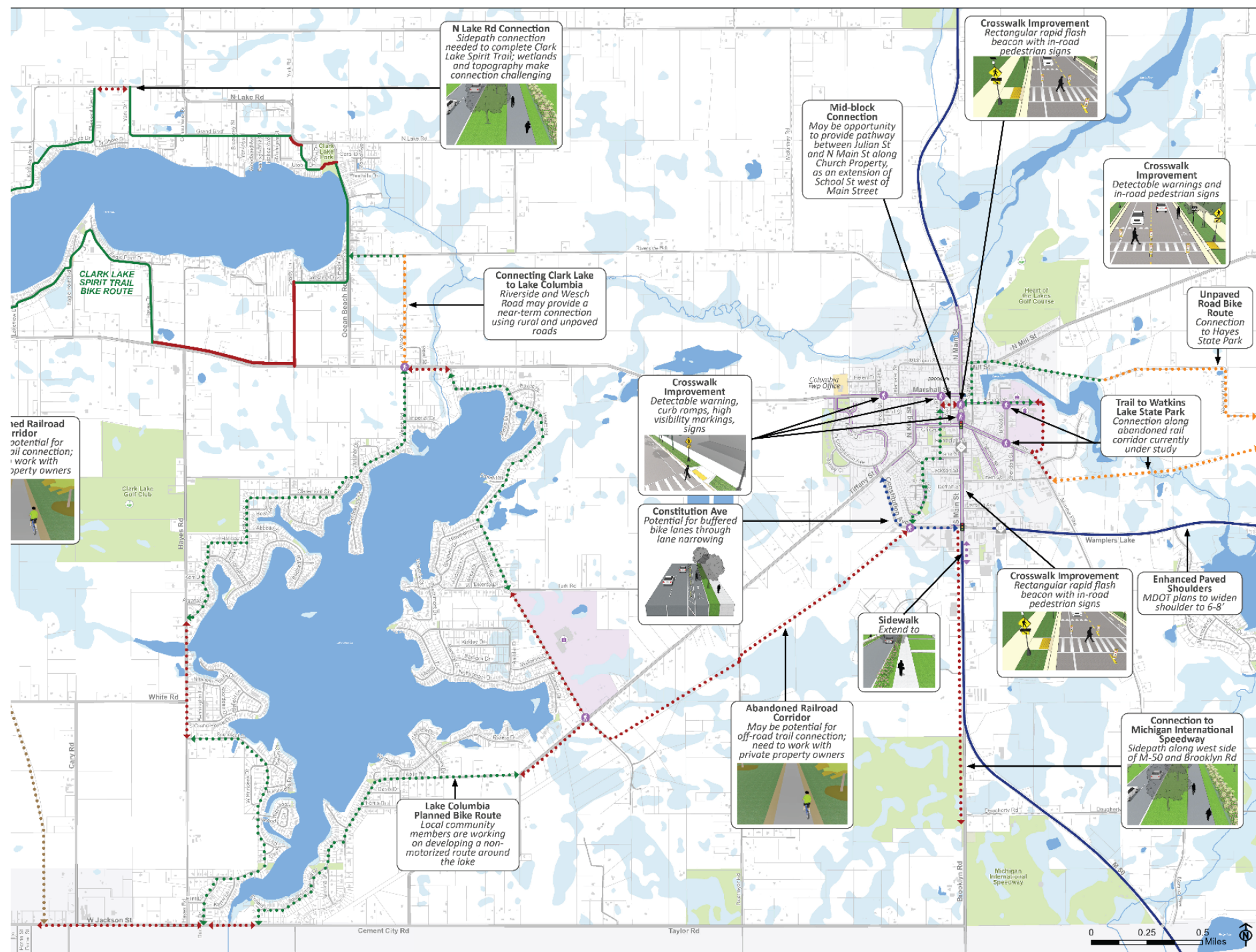
**Abandoned Railroad Corridor**  
May be potential for off-road trail connection; need to work with private property owners



**Lake Columbia Planned Bike Route**  
Local community members are working on developing a non-motorized route around the lake









# Detail Plan Review

- Please take some time to review the preliminary plans
  - Discuss as a table
- Anything you would like to see changed?
  - Please note this on the plan
- Any good realistic opportunities missing?
  - please draw them and note the opportunity
- As an individual, please fill out a worksheet



The worksheets will be used to help set priorities and identify areas where there is not total consensus on a proposal

The marked-up maps will be used to help us understand the comments on the worksheets



# Individual Worksheet

**HAND IN THIS SHEET BEFORE YOU LEAVE**

Overall, how would you rate your satisfaction with the draft plan? Circle one.



What part of the proposed plan would you like to see funded and built **FIRST**? Please list up to 3.

#1:

#2:

#3:

What part of the proposed plan would you **LEAST** like to see funded and built? Please list up to 3.

#1:

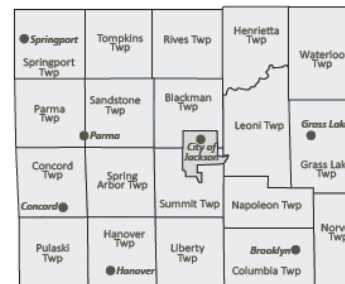
#2:

#3:

Are there any specific **CHANGES** that should be made to the plan?  
Please describe below.

Tell us anything else you feel is important:

Circle the area of the county you live in or are most familiar with:



...or tell us below

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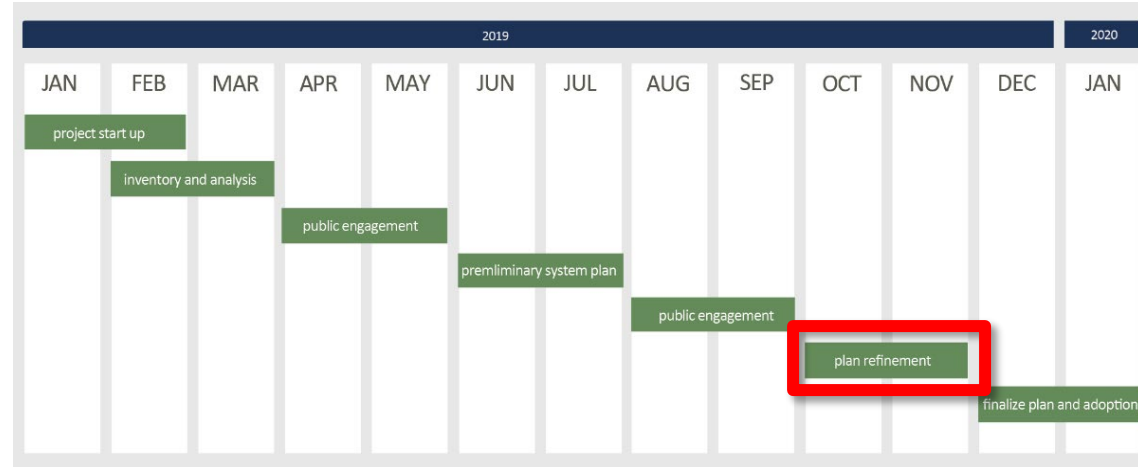
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# Next Steps

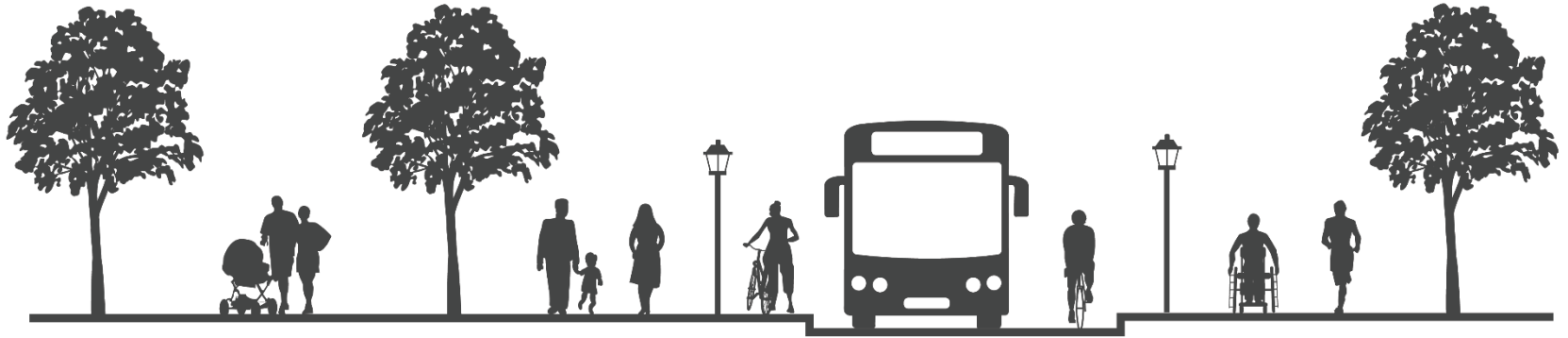
- Based on the feedback from the public workshops:
  - Refine the Plan
  - Develop an Implementation Strategy
- Review with the Steering Committee refining as necessary
- Finalize the Plan and encourage communities to adopt the plan



All of the maps and online survey available at [WalkBike.Info/Jackson](http://WalkBike.Info/Jackson)

Any Questions or Additional Thoughts?

# Jackson City + County Nonmotorized Plan



A plan for people who walk, bike and ride

# Thank You!



The Greenway  
Collaborative, Inc.

