

Capital Region Bicycle and Pedestrian Plan

Advisory Group Meeting 1, April 29, 2021



Agenda

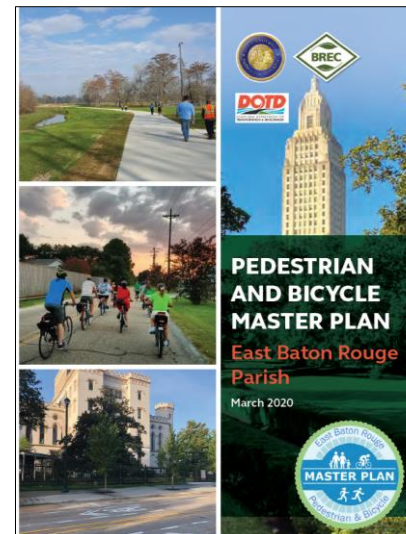
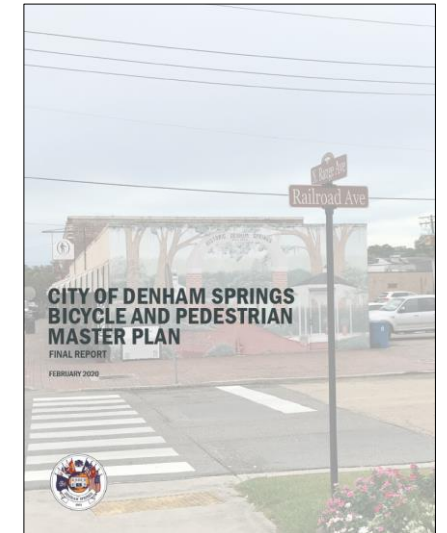
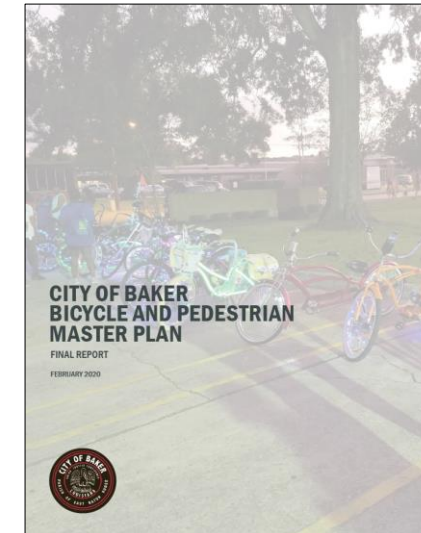
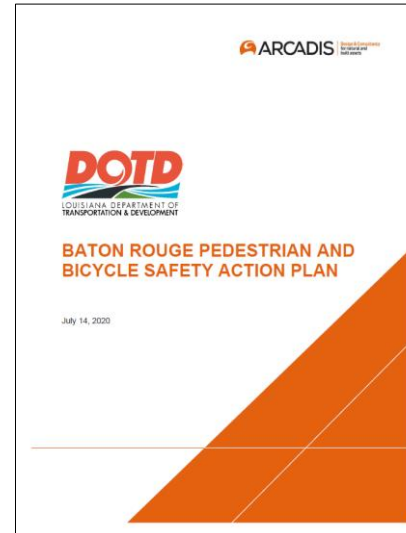
- Welcome & Introductions
- Project Background and Purpose
- Scope and Schedule Review
- Current Tasks and Existing Conditions Discussion
- Vision Statement Brainstorming
- Barriers to Active Transportation
- Next Steps



Project Background & Purpose

Project Background

- Renewed interest in active transportation
- Grassroots community advocacy and planning
- Complete Streets policies
- Local planning initiatives
- Continued trail and greenway development
- Statewide strategic planning



Project Purpose

- Increased resiliency
- Enhanced connectivity
- Supportive programs and policies
- Provide a resource for local agencies
- Unifying set of design guidelines
- Amplify ideas from stakeholders and members of the public



Scope & Schedule

The background image shows a park scene with a paved path, large trees, and a person riding a bicycle. In the foreground, there are some bushes and a metal bike rack. The entire image is covered with a semi-transparent orange overlay.

Planning Process

- Community engagement -----
- Existing conditions analysis
- Needs assessment & future conditions
- Regional vision & policy guidance
- Design guidance
- Master plan list
- Implementation plan & performance
- Funding
- Final plan production
- Technical advisory committee
- Stakeholder interviews
- Virtual public open house
- Online interactive map
- Demonstration projects

Planning Process

- Community engagement
 - Existing conditions analysis -----
 - Needs assessment & future conditions
 - Regional vision & policy guidance
 - Design guidance
 - Master plan list
 - Implementation plan & performance
 - Funding
 - Final plan production
- Plan review
 - Policy review
 - Existing conditions documentation / facility inventory
 - Latent demand analysis
 - Equity analysis
 - Crash density mapping
 - Barriers & systemic safety analysis

Planning Process

- Community engagement
 - Existing conditions analysis
 - Needs assessment & future conditions
 - Regional vision & policy guidance
 - Design guidance
 - Master plan list
 - Implementation plan & performance
 - Funding
 - Final plan production
- Draft network recommendations
 - First mile/last mile and shared mobility network
 - Safety countermeasures guidance
 - Best practices for temporary demonstration projects

Planning Process

- Community engagement
 - Existing conditions analysis
 - Needs assessment & future conditions
 - Regional vision & policy guidance
 - Design guidance
 - Master plan list
 - Implementation plan & performance
 - Funding
 - Final plan production
- Vision statement
 - Policy and practice recommendations
 - Project selection guidelines
 - Land use policy best practices
 - Education and encouragement best practices

Planning Process

- Community engagement
 - Existing conditions analysis
 - Needs assessment & future conditions
 - Regional vision & policy guidance
 - Design guidance -----
 - Master plan list
 - Implementation plan & performance
 - Funding
 - Final plan production
- Local, regional, national design guidelines review
 - Design policy strategies
 - Active mobility guidelines

Planning Process

- Community engagement
- Existing conditions analysis
- Needs assessment & future conditions
- Regional vision & policy guidance
- Design guidance
- **Master plan list** -----• **Final project listing & maps**
- Implementation plan & performance
- Project prioritization
- Staging plan
- Funding
- Planning-level cost estimates
- Final plan production

Planning Process

- Community engagement
 - Existing conditions analysis
 - Needs assessment & future conditions
 - Regional vision & policy guidance
 - Design guidance
 - Master plan list
 - Implementation plan & performance -----
 - Funding
 - Final plan production
- Project cut sheets
 - Plan performance measures
 - Performance metrics dashboard
 - Bike/ped counting program recs

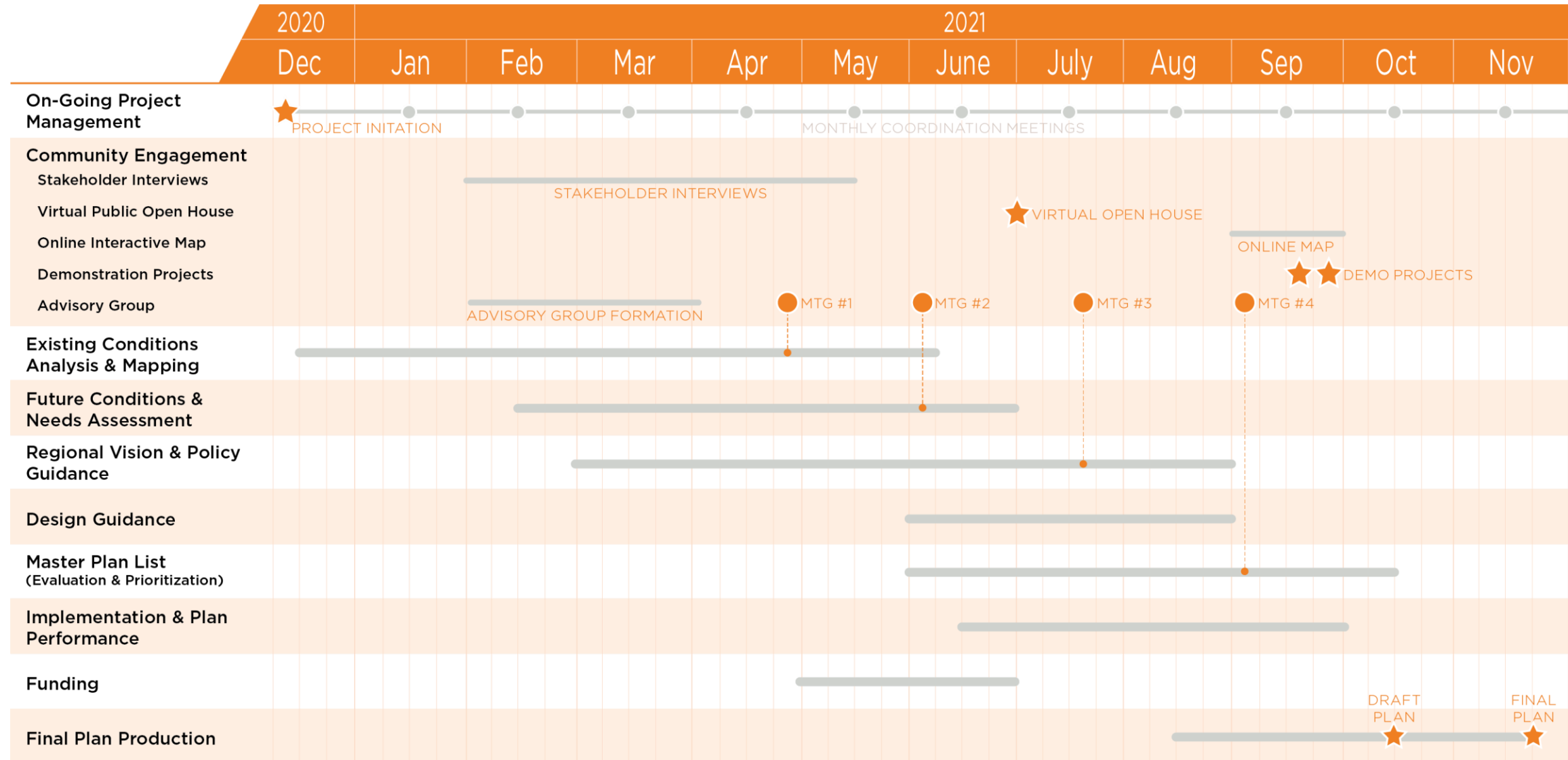
Planning Process

- Community engagement
- Existing conditions analysis
- Needs assessment & future conditions
- Regional vision & policy guidance
- Design guidance
- Master plan list
- Implementation plan & performance
- **Funding**• **Funding sources list**
- Final plan production
 - Funding matrix/SWOT analysis
 - Maintenance recommendations

Planning Process

- Community engagement
 - Existing conditions analysis
 - Needs assessment & future conditions
 - Regional vision & policy guidance
 - Design guidance
 - Master plan list
 - Implementation plan & performance
 - Funding
 - Final plan production
- Draft plan document
 - Draft plan review
 - Final plan production

Project Schedule





Current Tasks and Existing Conditions Discussion

Background Plan, Policy and Ordinance Review

Plan Title	Jurisdiction	Date Adopted
Louisiana Statewide Bicycle & Pedestrian Master Plan	State of Louisiana	2009
LA DOTD Bicycle Planning Tool	State of Louisiana	2019
Louisiana Bicycle Suitability Map	State of Louisiana	2012
LA DOTD Complete Streets Policy	State of Louisiana	2010
MOVE 2042	Capital Region MPO	2018
BREC Greenways Project	East Baton Rouge Parish	Ongoing
Baton Rouge Pedestrian and Bicycle Safety Action Plan	City of Baton Rouge	2020
LA SCORP (2014-2019)	State of Louisiana	2014
LA DOTD Strategic Highway Safety Plan	State of Louisiana	2017
East Baton Rouge Parish Pedestrian and Bicycle Master Plan	East Baton Rouge Parish	2020
City of Baker and City of Denham Springs Bicycle and Pedestrian Master Plans	City of Baker; City of Denham Springs	2020
Ascension Parish Transportation Master Plan	Ascension Parish	2020

Background Plan and Policy Review: Discussion Questions

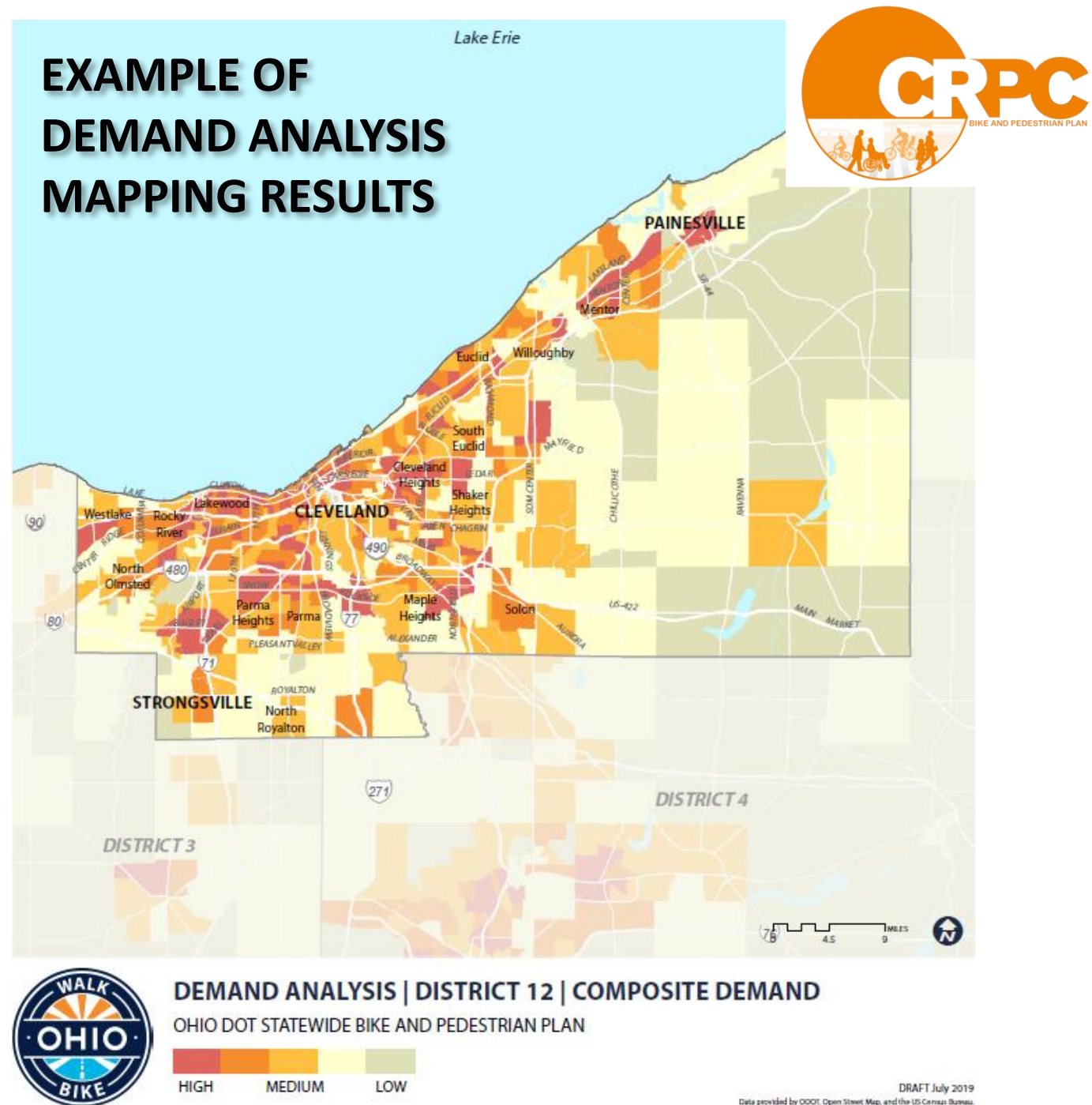
- What plans, policies, or ordinances has your community adopted to support walking and bicycling?
- Are there examples elsewhere in the region that you view as best practices?



Image: BR Proud

Demand Analysis

- Purpose
 - Estimate existing demand for walking and biking
- Methodology and Inputs
 - Live – Population Density
 - Work – Employment Density
 - Shop – Retail Job Density
 - Play – Parks and Trails
 - Learn – Schools and Colleges
 - Transit – Transit Stops



Demand Analysis: Discussion Questions

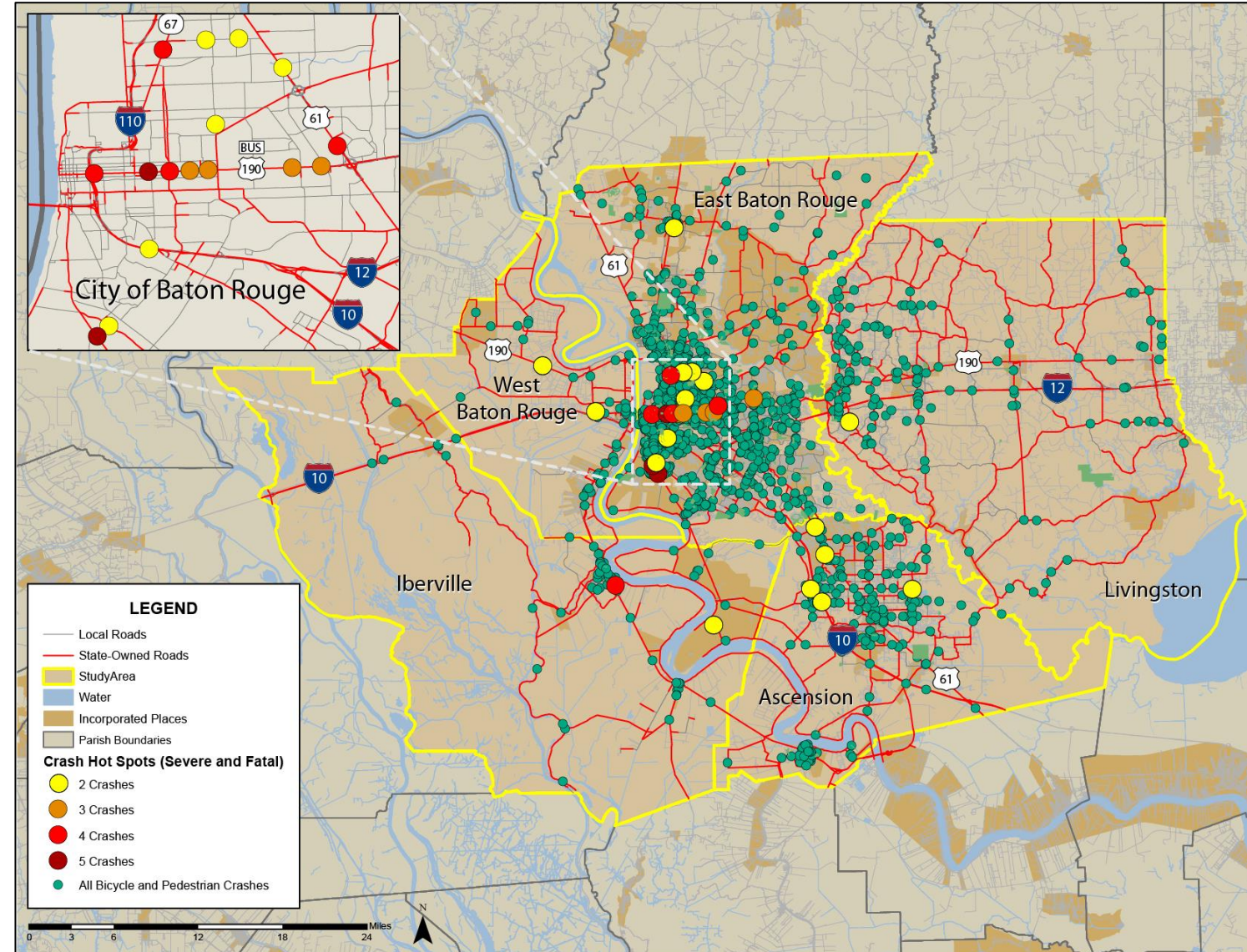
- Should these individual demand factors be weighted in order to reflect their regional importance?
- Should we look at demand within each parish individually?



Image: Visit Baton Rouge

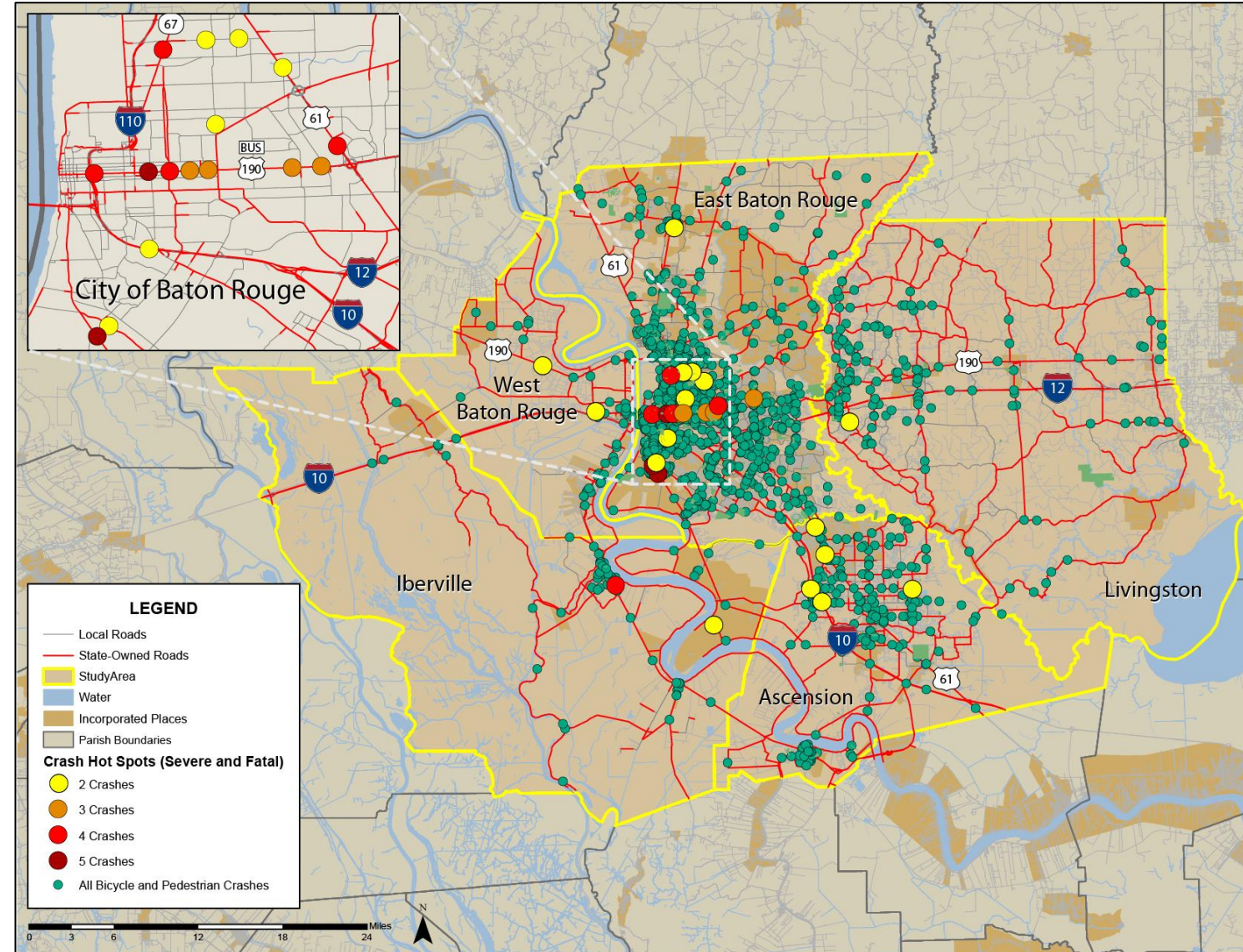
Crash and Crash Cluster Mapping

- **Purpose:** To support the identification of key roadway segments and intersections that may need safety improvement.



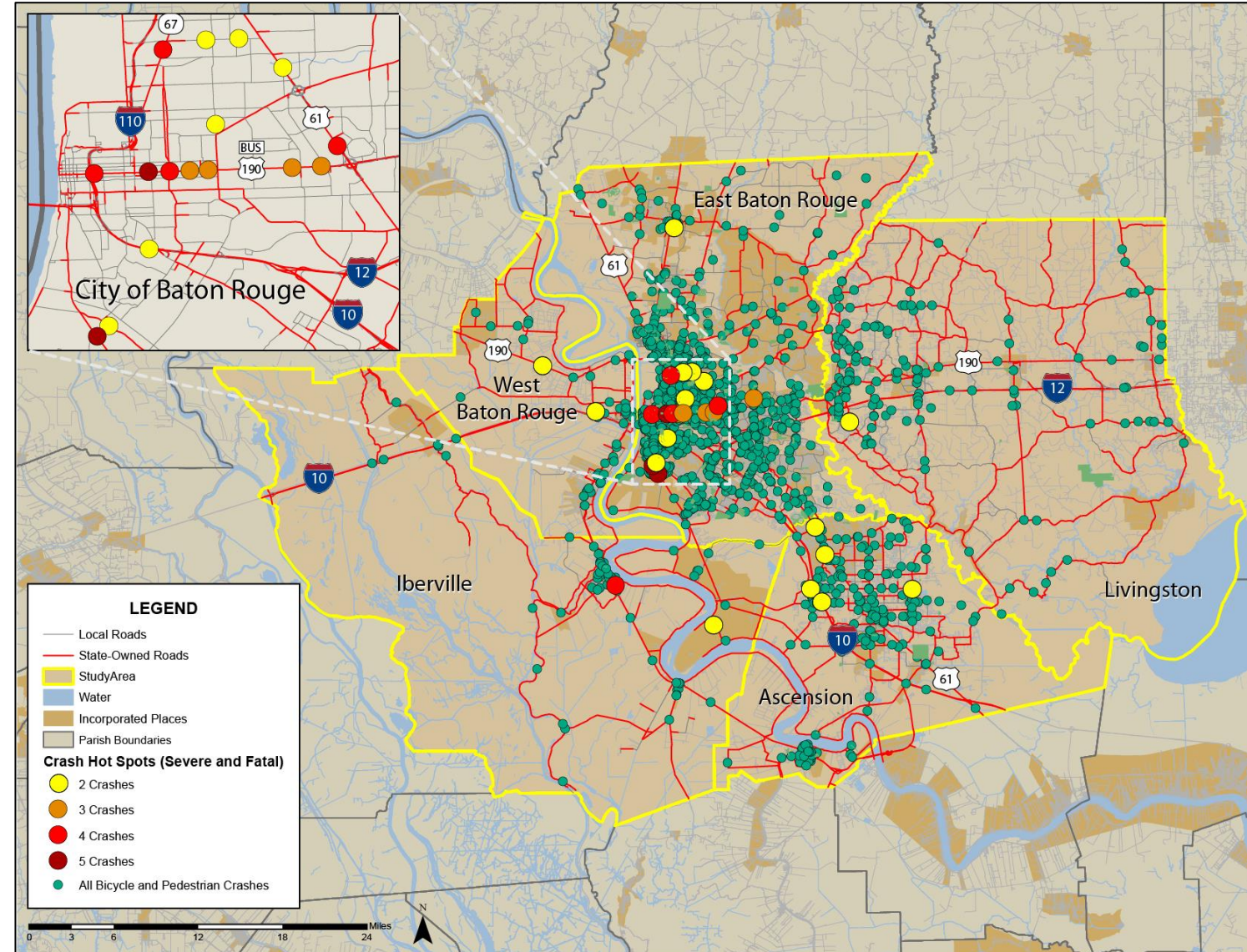
Crash and Crash Cluster Mapping

- **Methodology:** Using crash data from 2014-2018 from LA DOTD, bicycle and pedestrian crashes were mapped in GIS and clusters identified.
- Clusters where 2 or more crashes occurred within a half mile of one another are considered “hot spots”.
- Of the 2,032 crashes involving bicycles or pedestrians, the **128 that were severe or fatal crashes were used in the crash hot spot analysis.**
- Will need to reconcile with crash studies conducted in Baton Rouge and other communities.



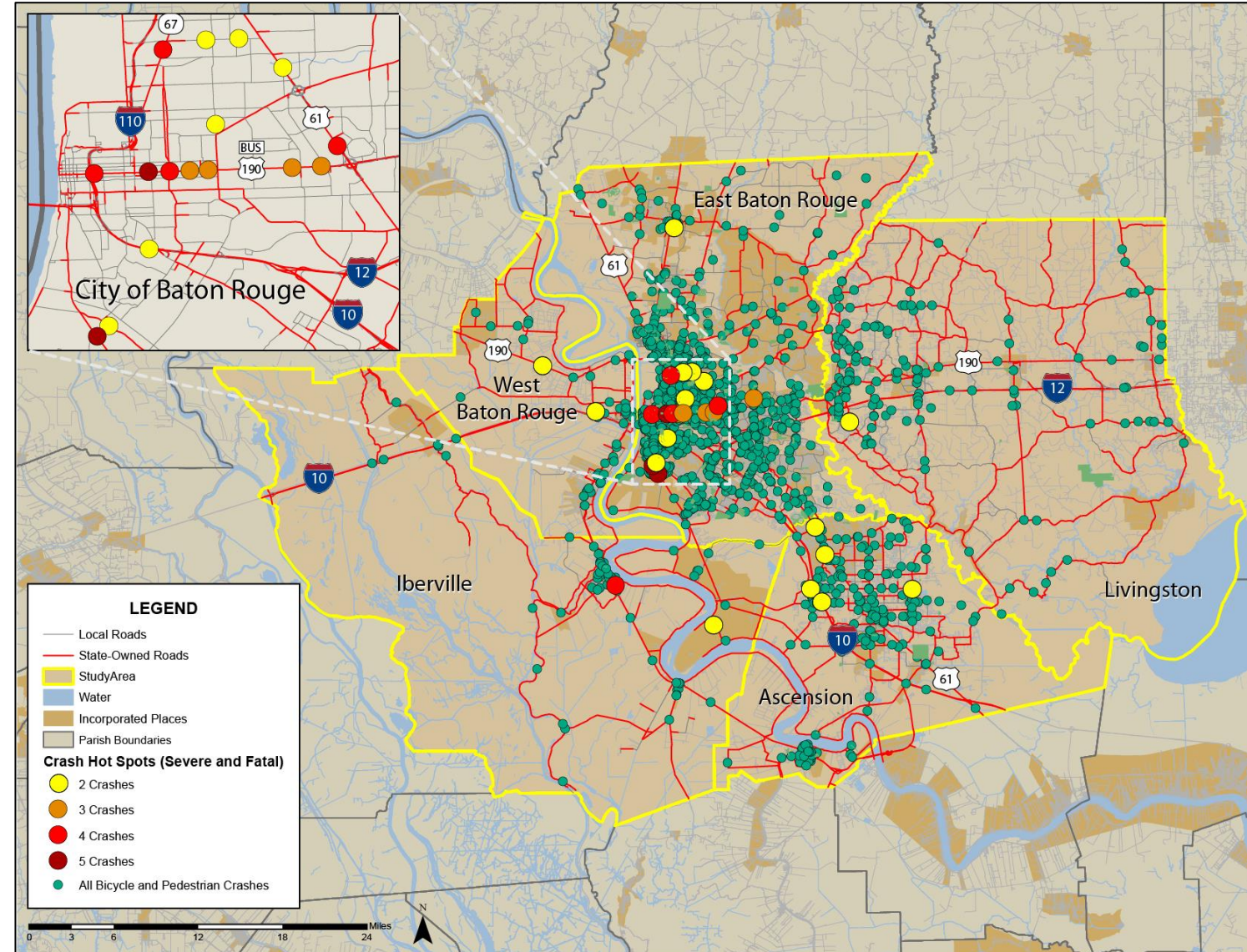
Crash and Crash Cluster Mapping

- **Initial Findings:**
 - Primarily on state-owned roads
 - 79% (23 crash hot spots) on road segments, 21% (6 crash hot spots) at intersections
 - Crashes involving pedestrians are more likely to result in injury than those involving bicycles
 - The highest concentrations of hot spots are on:
 - US 190 Business (7 hot spots)
 - US 61 (4 hot spots)



Crash and Crash Cluster Mapping: Discussion Questions

- Do the initial results align with your experience and expectations? Are there any surprises?
- How do you use data to inform transportation investments?



Base Mapping

- Data sources
 - CRPC's sidewalk inventory for the five-parish study area
 - East Baton Rouge Bicycle and Pedestrian Plan data (existing and planned)
- Does your agency maintain any maps or GIS data for trails, bikeways, or sidewalks?

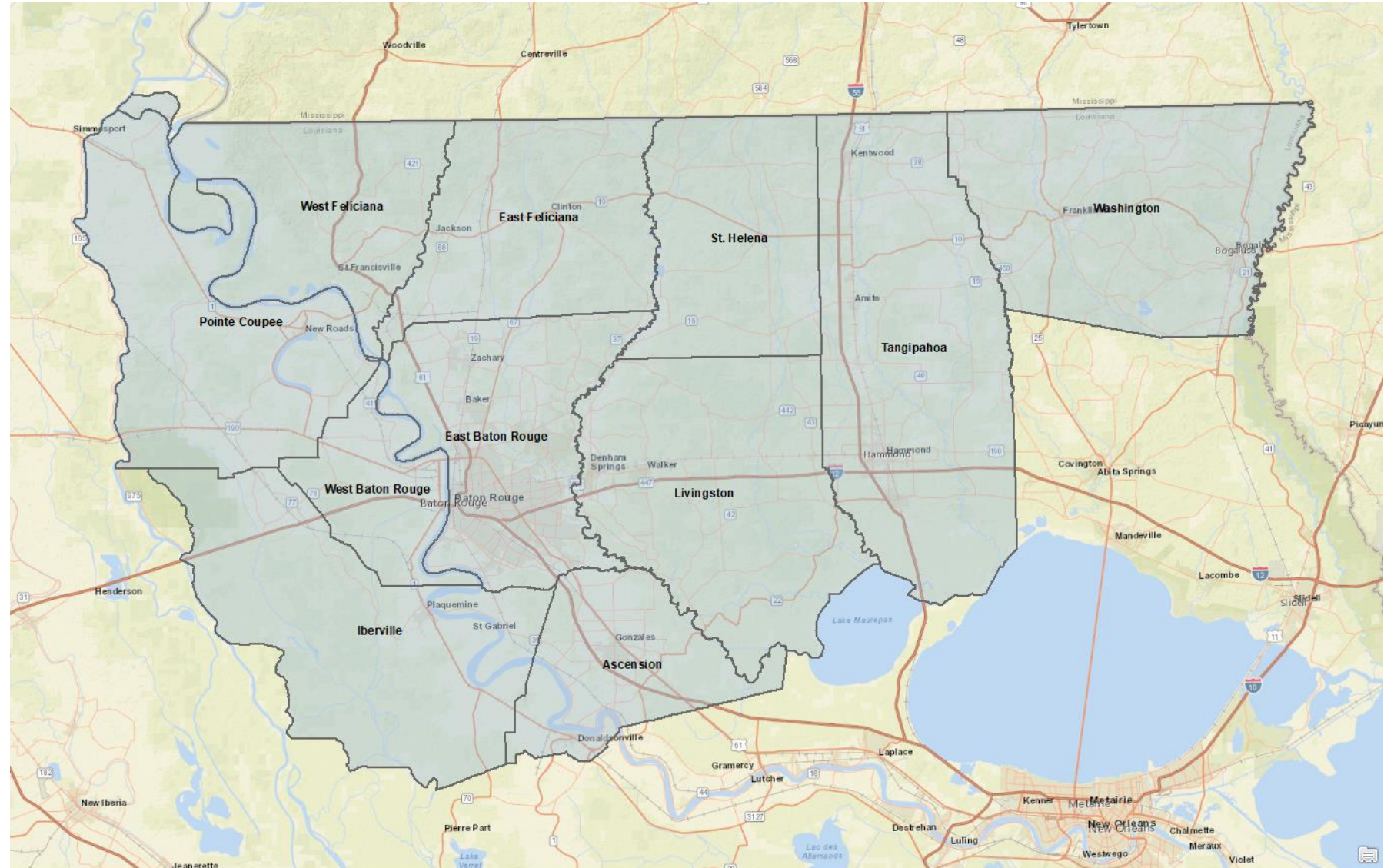


Vision Statement Brainstorming

Thinking Regionally

11 Parish Capital Region

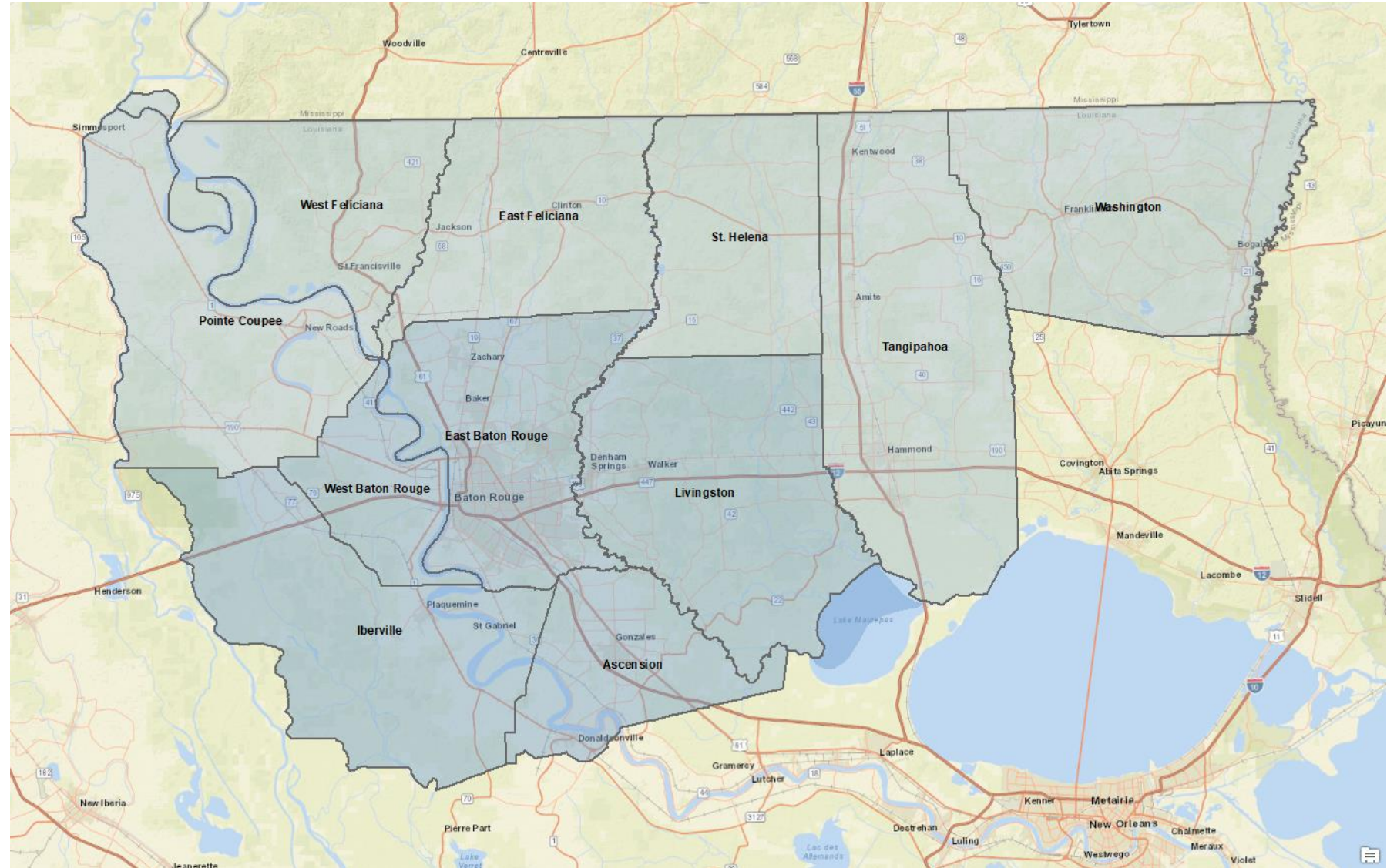
- Ascension
- East Baton Rouge
- East Feliciana
- Iberville
- Livingston
- Pointe Coupee
- St. Helena
- Tangipahoa
- Washington
- West Baton Rouge
- West Feliciana



Thinking Regionally

5 Parish Metropolitan Planning Area

- Ascension
- East Baton Rouge
- Iberville
- Livingston
- West Baton Rouge



Regional Versus Local Context

Regional Bike Ped Plans

- **Framework** for local agency decision-making and regional coordination
- Focus on **shared** needs and values
- Accounts for interregional differences in social, land use, and transportation contexts
- Provides **resources, design guidance, policy direction**
- Identifies **regionally significant** bicycle and pedestrian projects to form an active transportation system for the entire area

Local Bike Ped Plans

- **Action-oriented plan** for local investments in infrastructure, programs, and policies
- Focus on **local** needs and values
- Includes pragmatic strategies vetted by local staff
- Identifies **locally significant** bicycle and pedestrian projects to support **short trips** that connect to **local community destinations**

What is a Vision Statement?

A vision statement depicts the desired future condition or environment and serves as a guidepost for the planning process and subsequent implementation efforts.

The **Nashville** bicycle and pedestrian system will be a network of high-quality, comfortable, safe sidewalks and bikeways, connecting people to opportunity. The system, inclusive to users of all ages and abilities, will promote and encourage safety, health, education, and active transportation.

The **Atlanta Region** will be one of the most connected and safest regions in the United States for walking and bicycling and use active transportation to improve the mobility, safety, and economic competitiveness for residents and communities.

Southern Nevada will develop a safe, connected, and convenient walking and bicycling system that serves as a viable transportation and recreation asset while advancing the region's economic, educational, health, and environmental goals.

Vision Statement Brainstorming

Part One: Small groups (5-7 people each) for 10-15 minutes

- A notetaker will be a member of the project team. They will share their screen to organize notes on a digital whiteboard
- A facilitator will be a member of the project team
- A reporter will share some of the key values and discussion themes after the breakout session

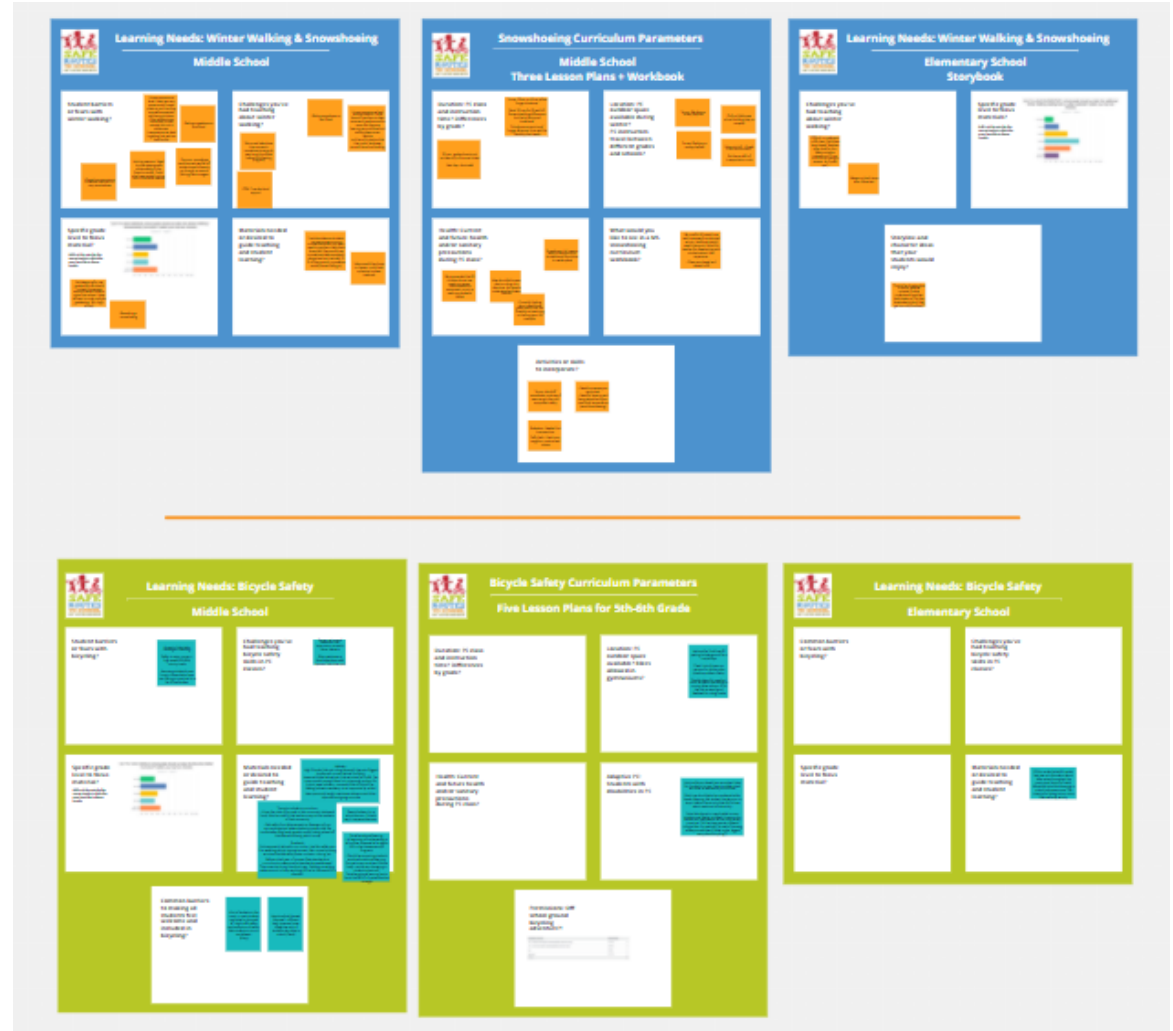
While we transfer you to a breakout session, think of your top priorities, values, and desired outcomes for walking and biking in the region. Twenty-five years from now, how will active transportation be different?



Vision Statement Brainstorming: Report Back



- Reporters! Please share some of the consensus ideas from your group
- What commonalities and differences are there across breakout groups?

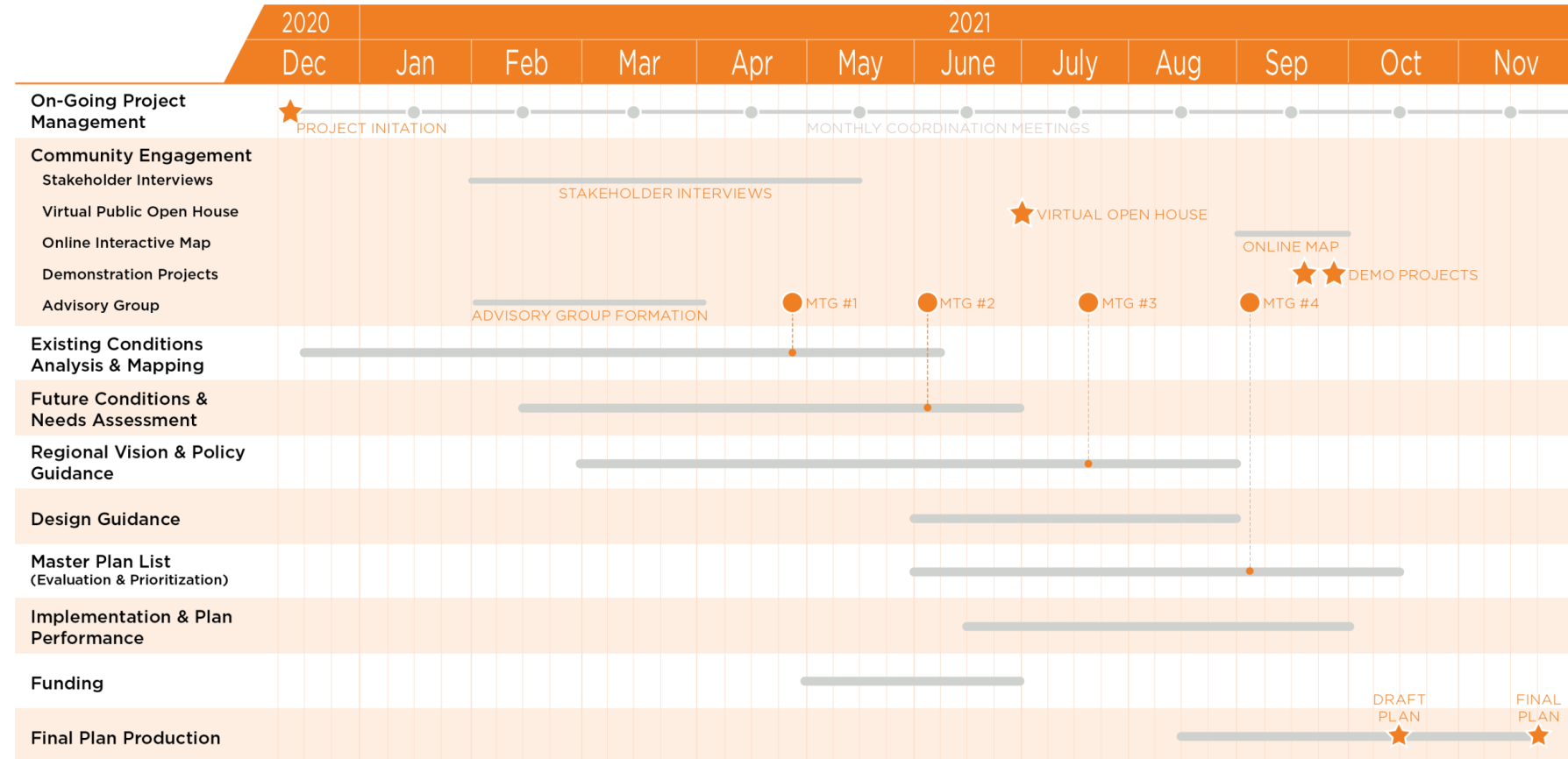


Next Steps

The background image is a photograph of a park scene, heavily tinted with a solid orange color. It shows a paved path winding through a wooded area with large trees. In the foreground, there are some bushes with small white flowers. To the right, a person is riding a bicycle on the path. In the background, a car is parked on the side of the road. The overall atmosphere is serene and natural.

Next Steps

- Existing Conditions Report
- Stakeholder Interviews
- Next Advisory Group Meeting in Early June:
 - Network concept
 - Needs assessment
 - Upcoming virtual public open house



Thank you!

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