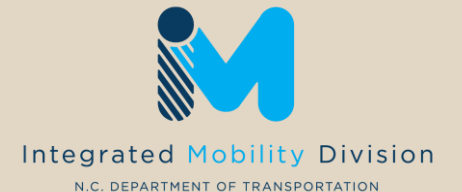




Fayetteville Pedestrian Plan

City Council Work Session

June 2, 2025



Project Overview

- Collaboration with NCDOT's Integrated Mobility Division
- Focuses on expanding pedestrian network and developing projects, programs, and policies to enhance safety
- Emphasizes projects near schools and universities
- Resulted in 144 recommended pedestrian projects (sidewalk, crosswalk, trail)



Project Overview

- Previous Pedestrian Plan (Adopted 2018) mostly built-out
- Current plan update provides comprehensive safety and connectivity analysis
- Recommends 144 pedestrian projects (sidewalk, crosswalk, trail)
 - Constitute all areas of the City
 - Presented to Council for review and adoption

GOALS



Enhance Pedestrian Safety and Accessibility



Promote Community Engagement and Education



Support Sustainable and Active Transportation



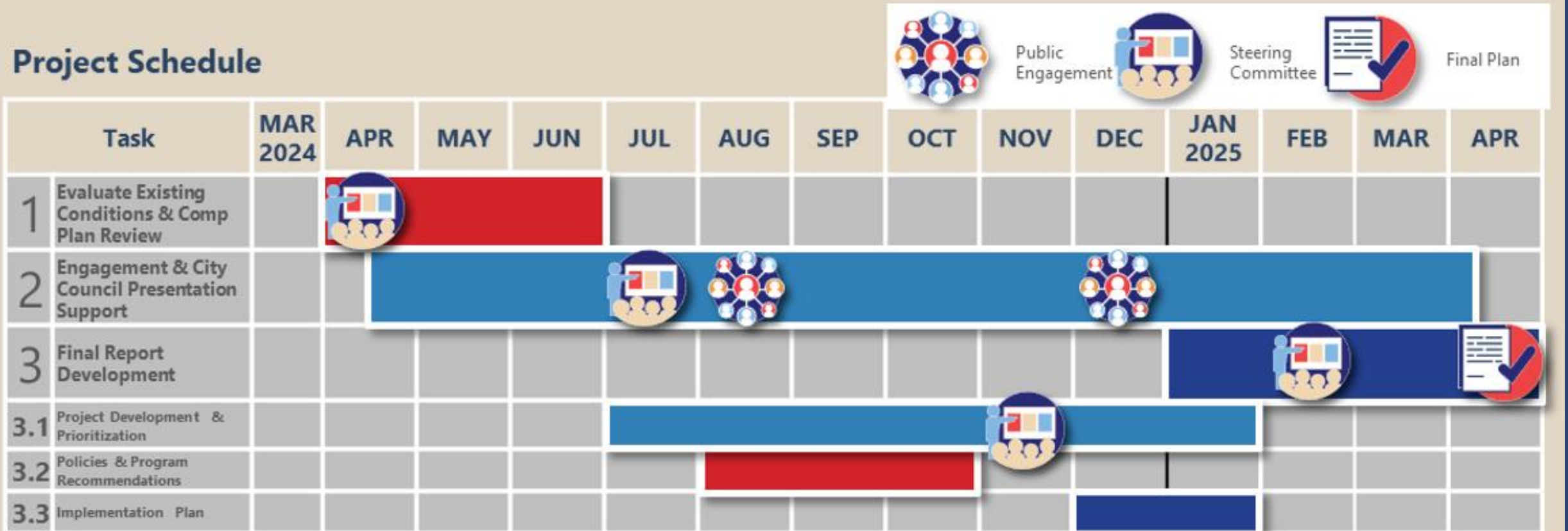
Leverage Resources for Community Development



Create a Thriving and Desirable Community

Project Schedule

Project Schedule

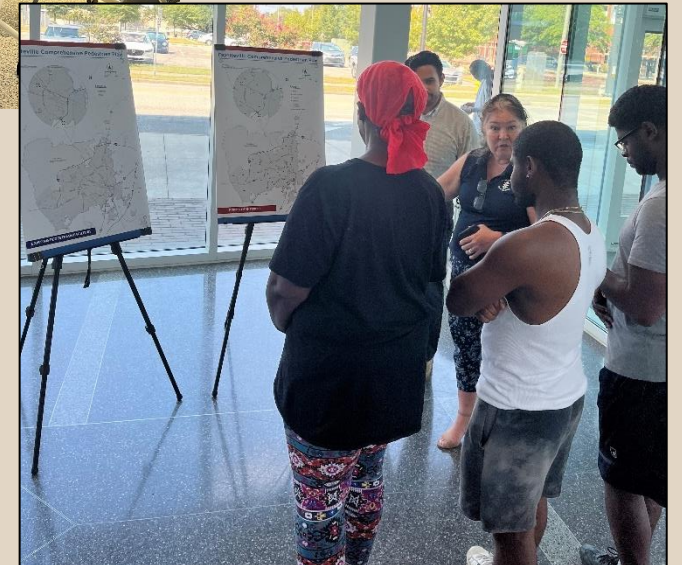


Project Steering Committee

- Steering committee members from various agencies and community partners, including:
 - City of Fayetteville
 - NCDOT
 - FAMPO
 - Cumberland County
 - Cumberland County Schools
 - Sustainable Sandhills
 - Fayetteville State University
- Met four times at key points in the project:
 - June 2024
 - September 2024
 - December 2024
 - April 2025

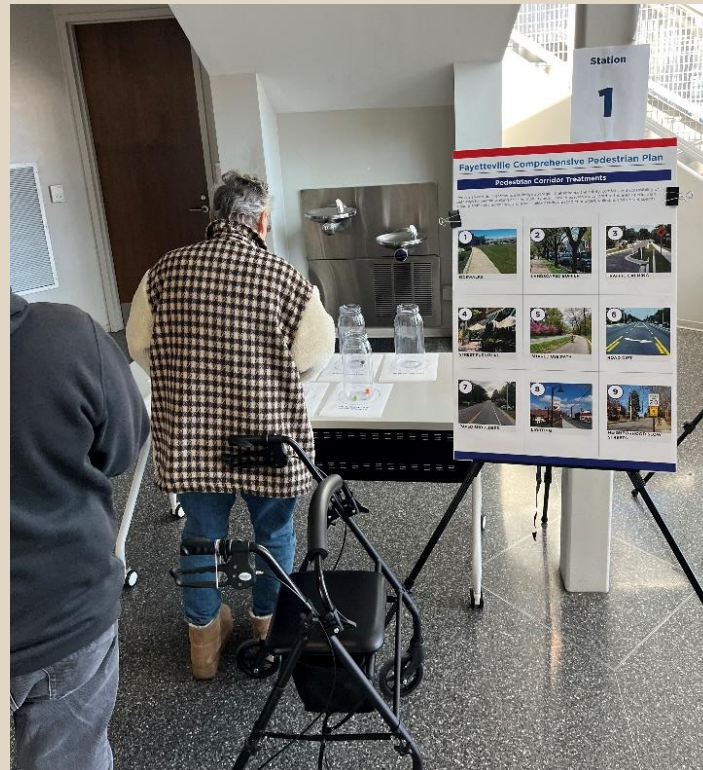
Public Engagement

- Two Rounds of Engagement:
 - **Round 1:** Community Challenges and Opportunities – August 2024
 - **Round 2:** Project Feedback and Prioritization – December 2024



Public Engagement

- Each round of engagement included:
 - In-person open house
 - Online comment map
 - Online survey



Round 2 voting activity

Engagement Outcomes

Engagement Round 1

310 map comments

500 survey responses

35 in-person conversations

Engagement Round 2

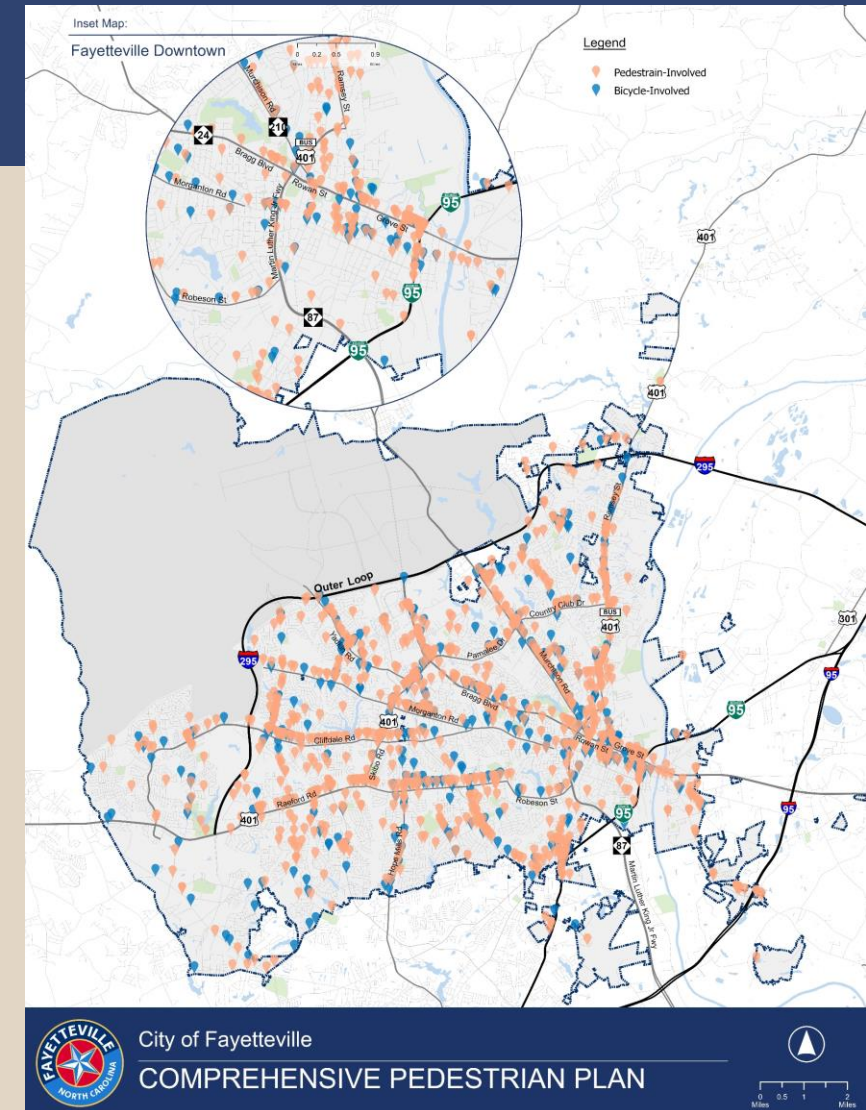
50 map comments

152 survey responses

60 in-person conversations

Existing Conditions Analysis

- Plan Review
- Field Review
- Data collection and mapping:
 - Demographics (U.S. Census)
 - Transportation Infrastructure
 - Points of Interests (schools, parks, employers)
 - Crash History



Bike/ped crash locations in Fayetteville (last 10 years)

Project Identification

Step 1: Identify Projects from Plan Review

Step 2: Gap Analysis

- Identify areas with crash history or safety/comfort issues
- Filtering Projects without immediate safety/comfort issues
- Review of corridors without current planned pedestrian projects

Step 3: Project Scoring

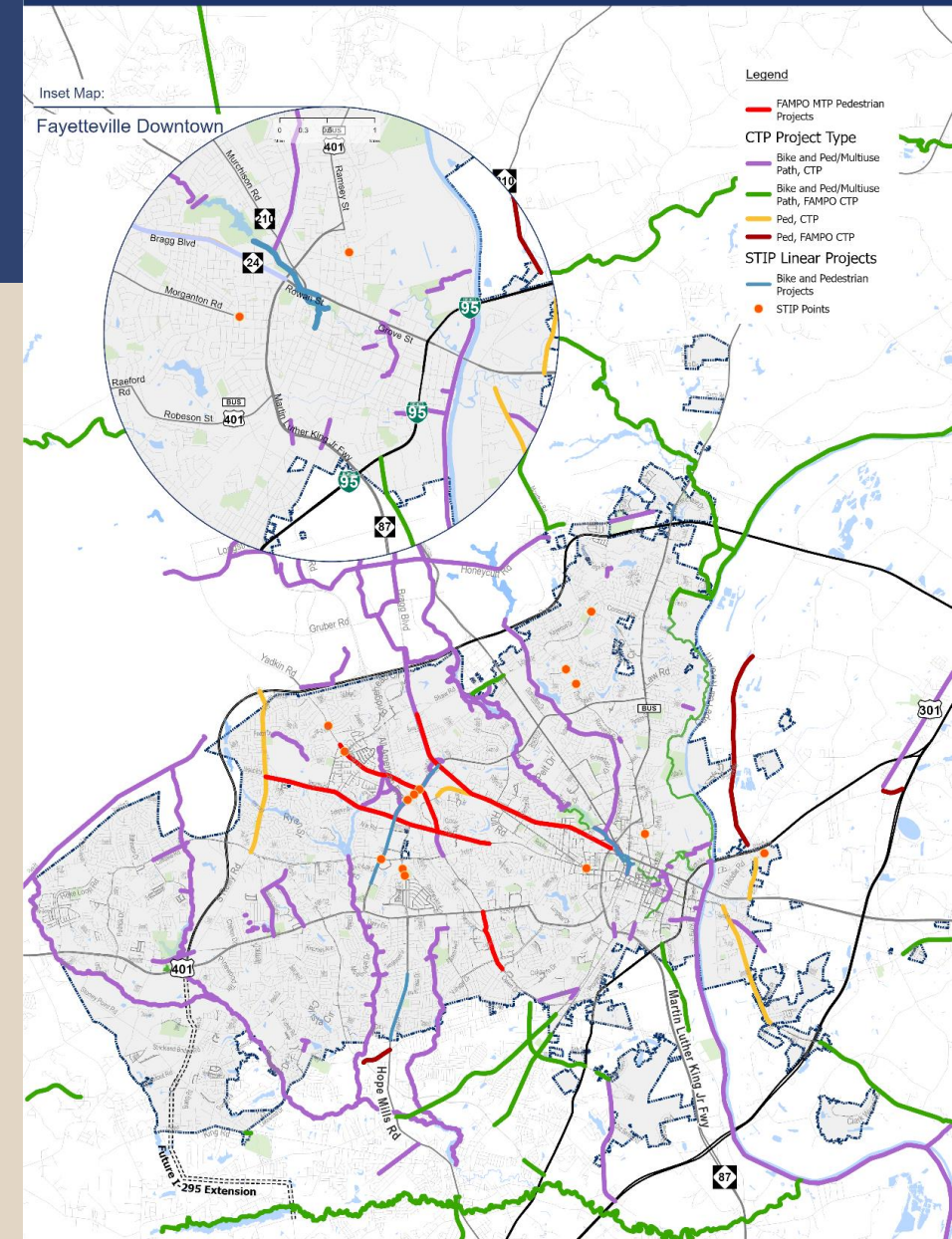
Projects were assigned a score based on series of evaluation criteria:

- Safety
- Comfort
- Equity
- Connectivity
- Land Use*

*Near schools, parks, employers, etc.

Step 1: Plan Review

- Reviewed the 2018 Pedestrian Plan, the Comprehensive Transportation Plan, and FAMPO and NCDOT plans/programmed projects.
- Identified a total of 244 relevant, *uncompleted* projects



City of Fayetteville

COMPREHENSIVE PEDESTRIAN PLAN

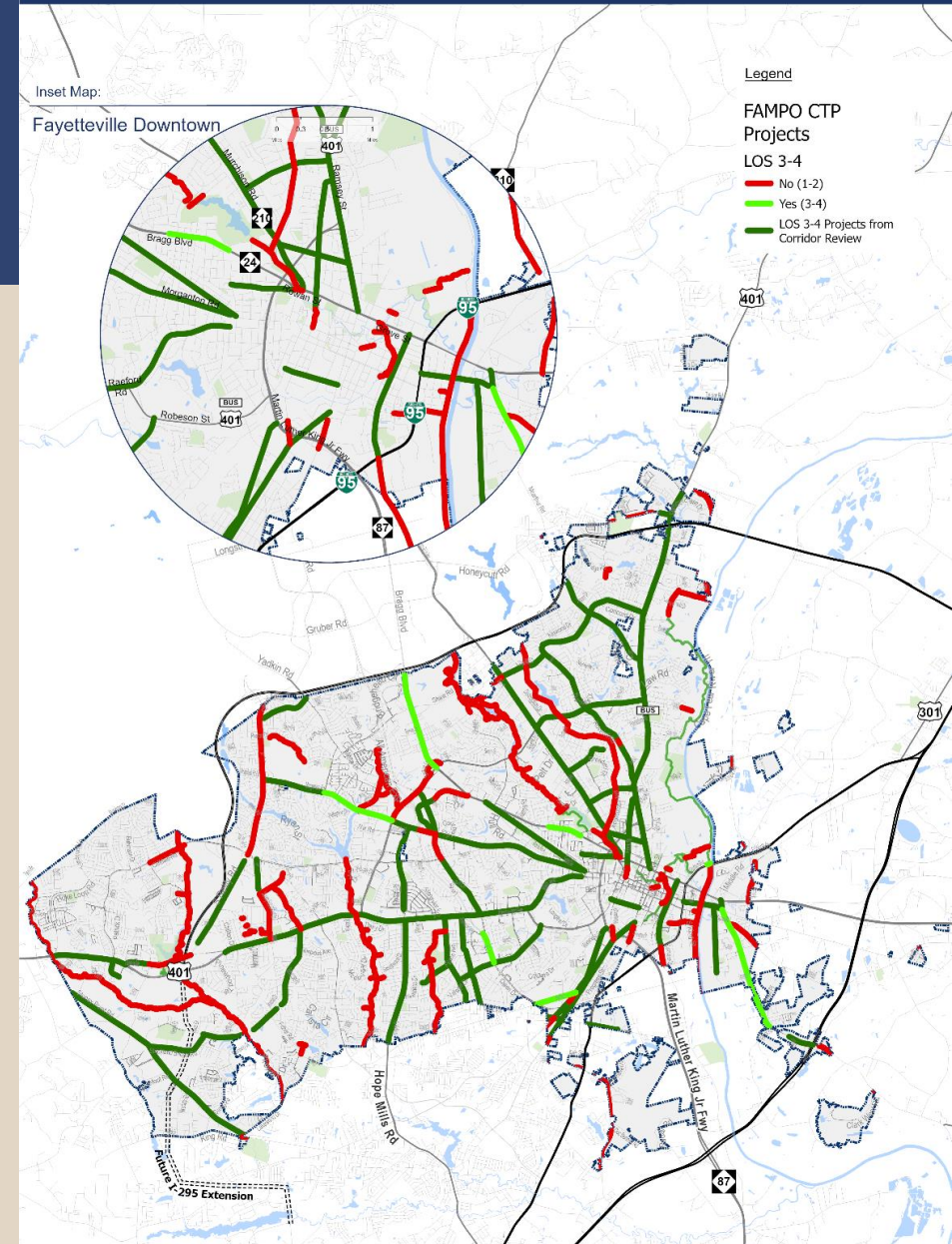


Step 2: Gap Analysis

The following two factors were used to identify additional gaps in the pedestrian network:

- Crash history - Projects noted for the presence of pedestrian crashes
- Pedestrian Level of Comfort (PLOC) - Projects noted for having a PLOC of 3 or 4

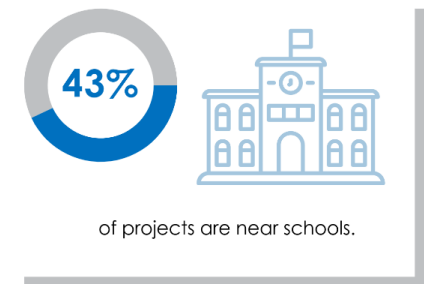
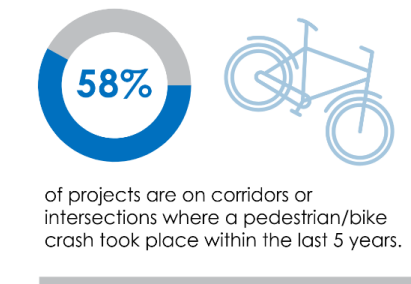
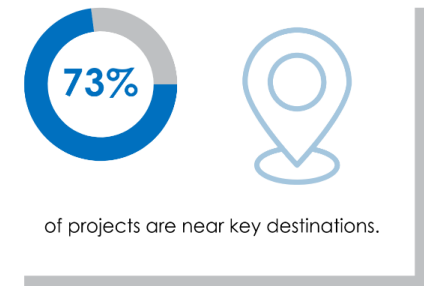
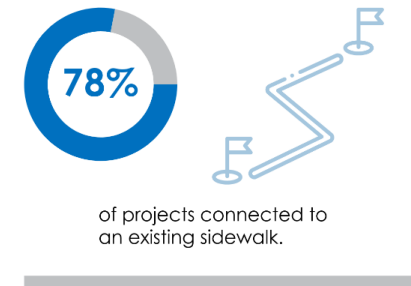
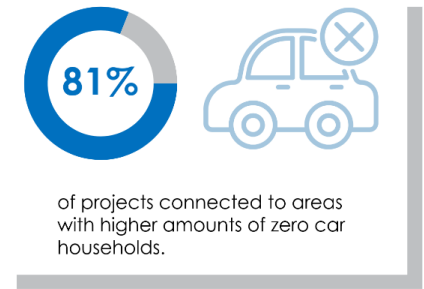
Throughout the gap analysis, 27 additional corridors were identified to become 70 additional projects.



Step 3: Project Scoring

- Filtered all projects from the plan review to 144 recommended projects based on crash history and pedestrian level of comfort
- Assigned each a score based on a series of evaluation criteria:
 - Safety
 - Comfort
 - Equity
 - Connectivity
 - Land Use
- Scores later utilized in project prioritization, but all *scored projects* were moved forward as recommendations

144 IDENTIFIED PROJECTS



Project Recommendations

- Proposed network aims to improve safety, connectivity, and accessibility across Fayetteville

Project Types



Sidewalks & Trails

Enhancing pedestrian mobility along major corridors such as Cliffdale Rd and Skibo Rd.



Greenways & Multi-Use Trails

Expanding connectivity through natural corridors like the Cape Fear River Trail Extension.



Intersection & Corridor Enhancements

Improving crossings and accessibility along high-traffic roads.



School & Neighborhood Connections

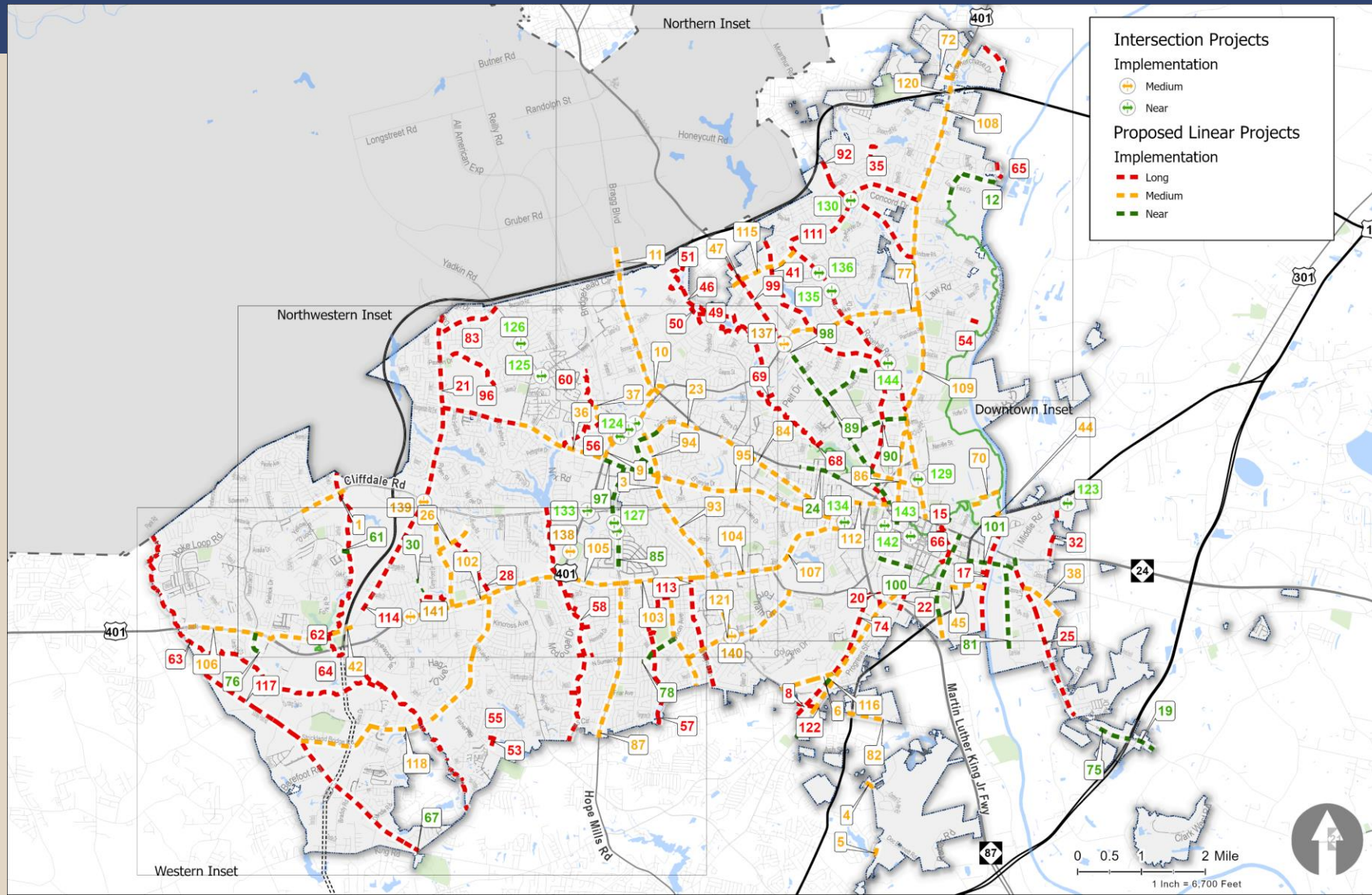
Providing safe, walkable routes for students and residents.



Project Prioritization

- Due to the large number of projects recommended, implementation of this plan will likely take place over the next 15-20 years.
- Projects have been divided into the following priority levels:
 - Near-term (0-5 years)
 - Medium-term (5-10 years)
 - Long-term (10+ years)

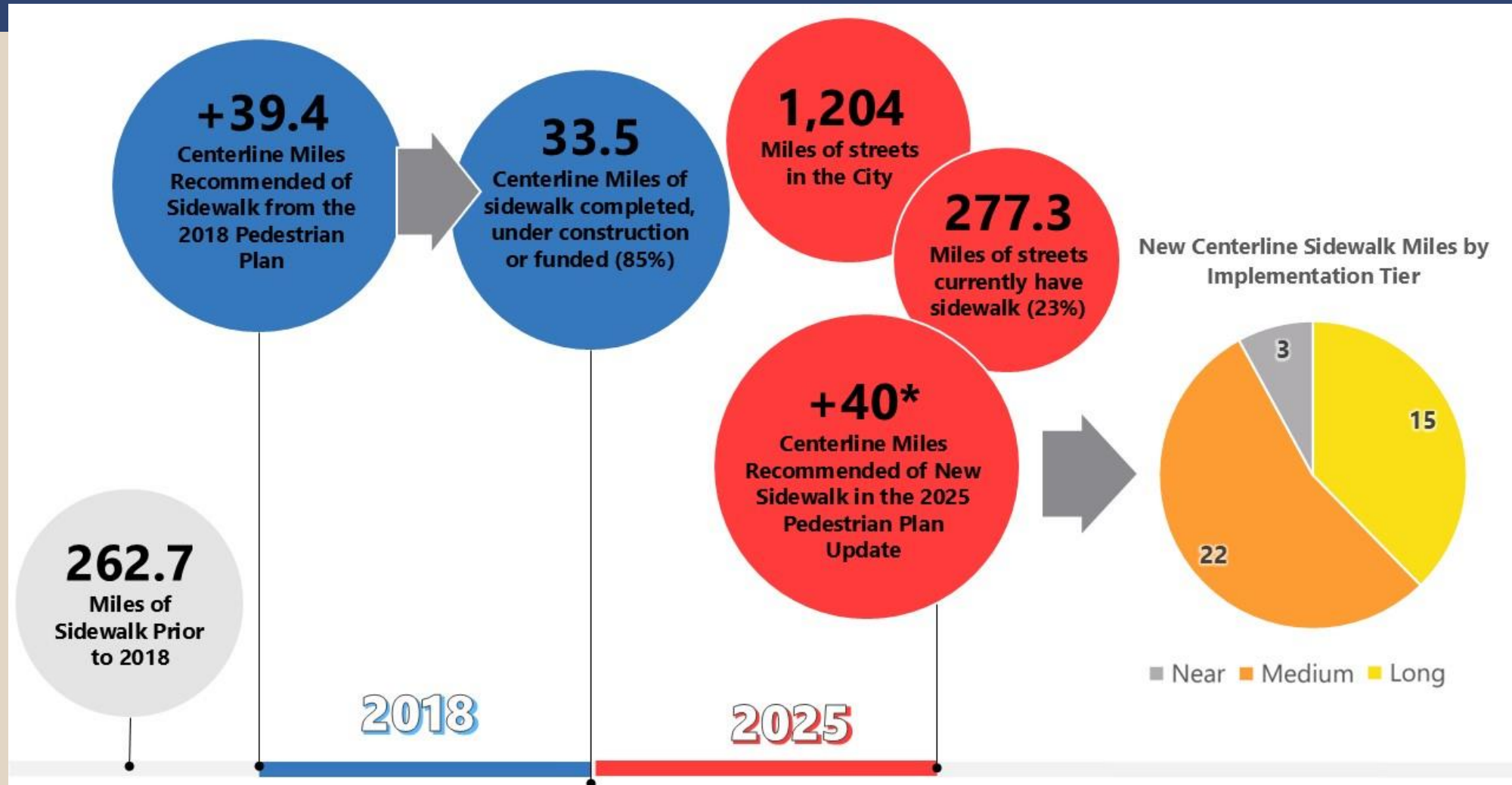
Near, Medium- and Long-Term Projects Map



Cost Estimation

Implementation Phase	Number of Projects	Total Length of Construction (mi)	Cost (\$M)
Near-Term	41	16.67	\$52.83
Medium-Term	57	60.47	\$210.73
Long-Term	46	68.84	\$505.95
TOTAL	144	145.98	\$769.51

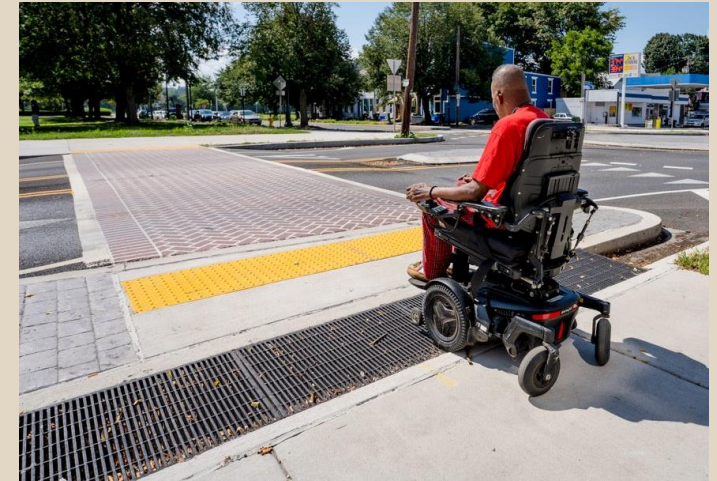
Progress from 2018 Plan



*New sidewalk miles defined as new sidewalk where none is currently present

Policy and Program Recommendations

- Developing and adopting a City Complete Streets Policy and Traffic Calming Policy
- Implementing creative safety awareness campaigns and programming
- Establishing a transportation-focused City commission
- Continuing to engage with K-12 public schools and prioritize projects near schools



Community Partners

- NCDOT
- FAMPO
- Fayetteville Chamber of Commerce
- FAST Transit Center
- Cool Spring Downtown
- Cumberland County (including the Health Department)
- Sustainable Sandhills

Other Partners

- Schools/Colleges/Universities
- Local business owners
- Business districts
- Emergency services
- Public-private partnerships

Next Steps

Options:

- **Option 1:** Approve the Comprehensive Pedestrian Plan Update to be placed on a Consent Agenda for adoption.
- **Option 2:** Do not approve the Comprehensive Pedestrian Plan Update and provide staff with further direction.

Recommended Action:

- **Option 1:** Approve the Comprehensive Pedestrian Plan Update to be placed on a Consent Agenda for adoption.

Questions and Discussion

Thank you!

Zachary Bugg, PhD, PE
Associate Engineer
Kittelson & Associates, Inc.
zbugg@kittelson.com
910.399.5699

