



UNIONCOUNTY

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Candidate Projects for 2055 MTP Submittal

February 3, 2025



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Three-step Planning Process



The Comprehensive Transportation Plan in Union County

Legend

CTP_Highway_Alignments

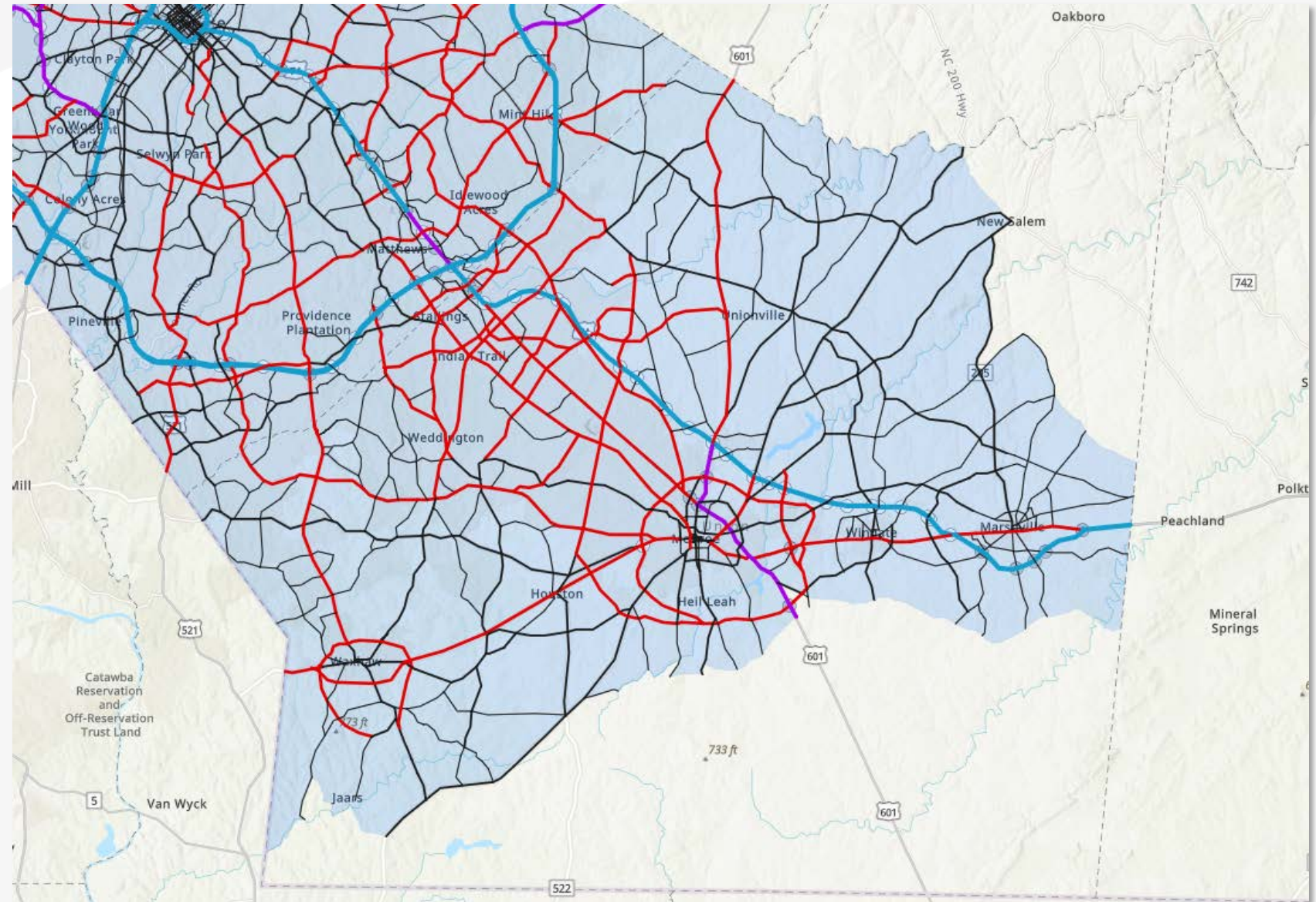
- Minor Thoroughfare
- Boulevard
- Other Major Thoroughfare
- Freeway
- Expressway

Charlotte Regional Transportation Organization Boundary



CTP Highway Interchanges _ Grade Separations

- Existing, Grade Separation
- ◉ Existing, Interchange
- Needs Improvement, Interchange
- Recommended, Grade Separation
- Recommended, Interchange
- Recommended, Interchange - Managed Lanes



The map displays the Charlotte, North Carolina region, with the proposed water supply project area highlighted in blue. The project area includes the Charlotte River and the proposed water supply line. Key locations marked include Charlotte, Mint Hill, Matthews, Lake Park, Indian Trail, Unionville, Weddington, Wesley Chapel, Monroe, Wingate, Marshville, Waxhaw, Mineral Springs, Van Wyck, and Oakboro. The map also shows major roads like I-77, I-85, and I-95, and the border between North Carolina and South Carolina.

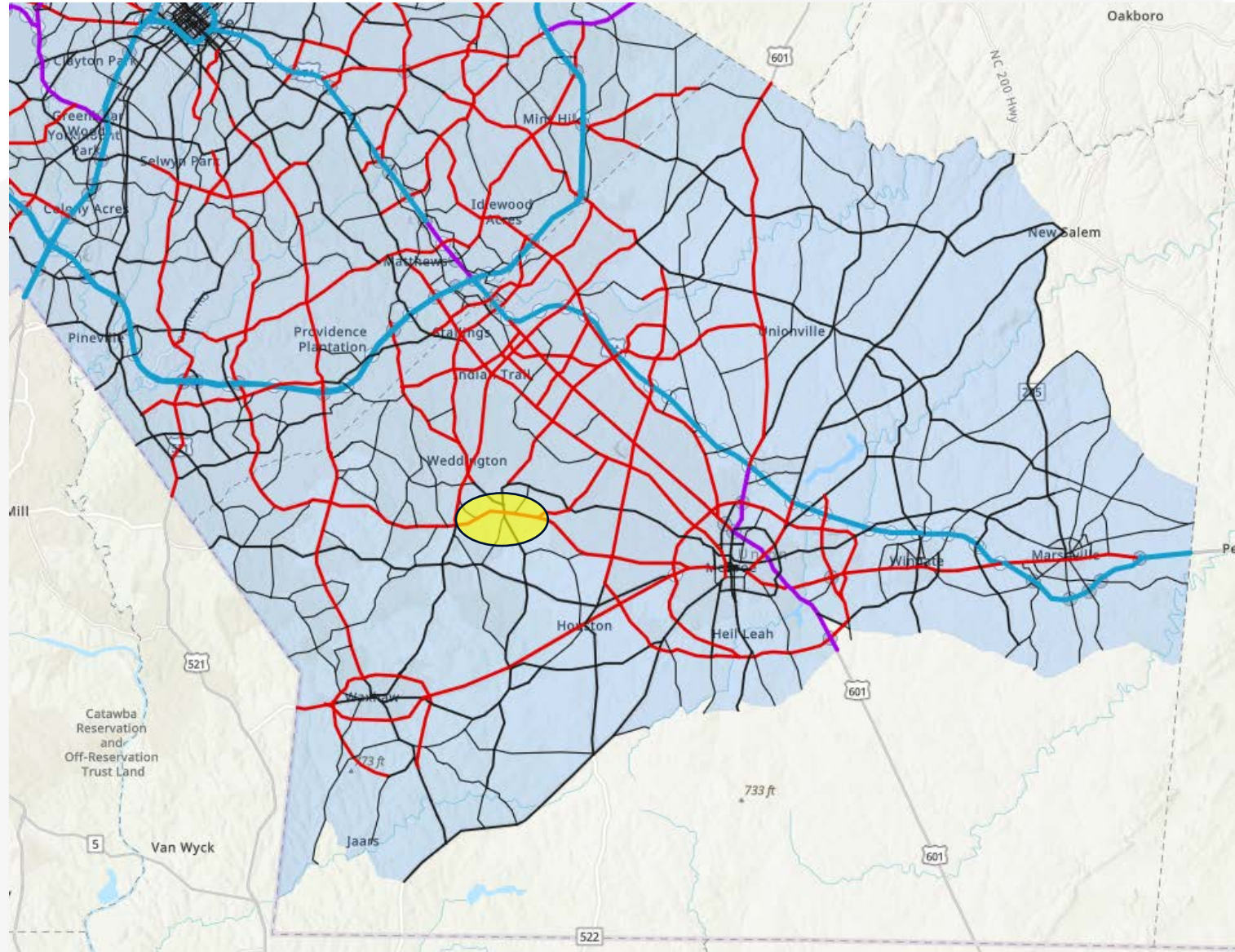
- Map shows 2050 MTP, adopted in 2022
- Required by federal law
- CRTPO develops one MTP for entire study area
- Plan recommendations are based on need and fiscal constraint
- Plan identifies specific projects
- Primarily a road project plan, although it sets priorities for other modes
- Updated every four years

MTP Candidate Projects

- Jurisdictions can submit projects now through February 14
- CRTPO will evaluate projects for congestion, safety, cost-benefit, impacts, and other considerations
- Fiscally-constrained list will be presented and adopted in summer 2025
- Being on the list is the second of three steps to implementation, next step is getting in the STIP
- Any project in the MTP is not likely to receive funding before 2035

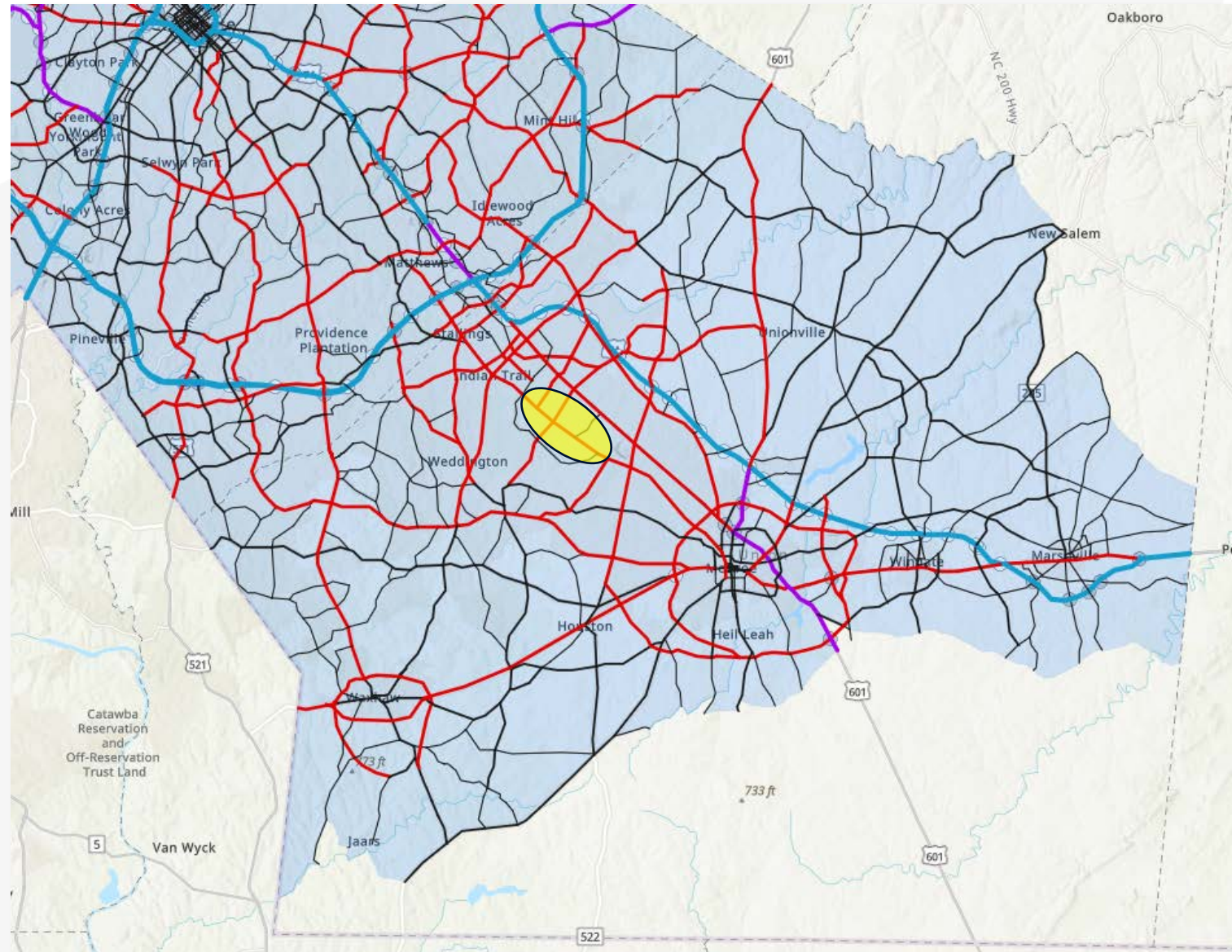
NC 84 from Wesley Chapel to Airport Road

- Impacted Municipality: Wesley Chapel
- Distance: 2.5 miles
- Consistent with Union County 2050 Comprehensive Plan
- NC route status increases competitiveness
- Cross-section: four lanes with median and bicycle/ pedestrian facilities
- Purpose and Need: NC 84 currently carries approximately 15,000 vehicles per day, with increasing traffic volumes projected due to continued development along the corridor. In addition, a lack of bicycle and pedestrian facilities or turn lanes reduces safety for users. The proposed widening will increase safety and reduce congestion along a key east-west corridor within Union County.



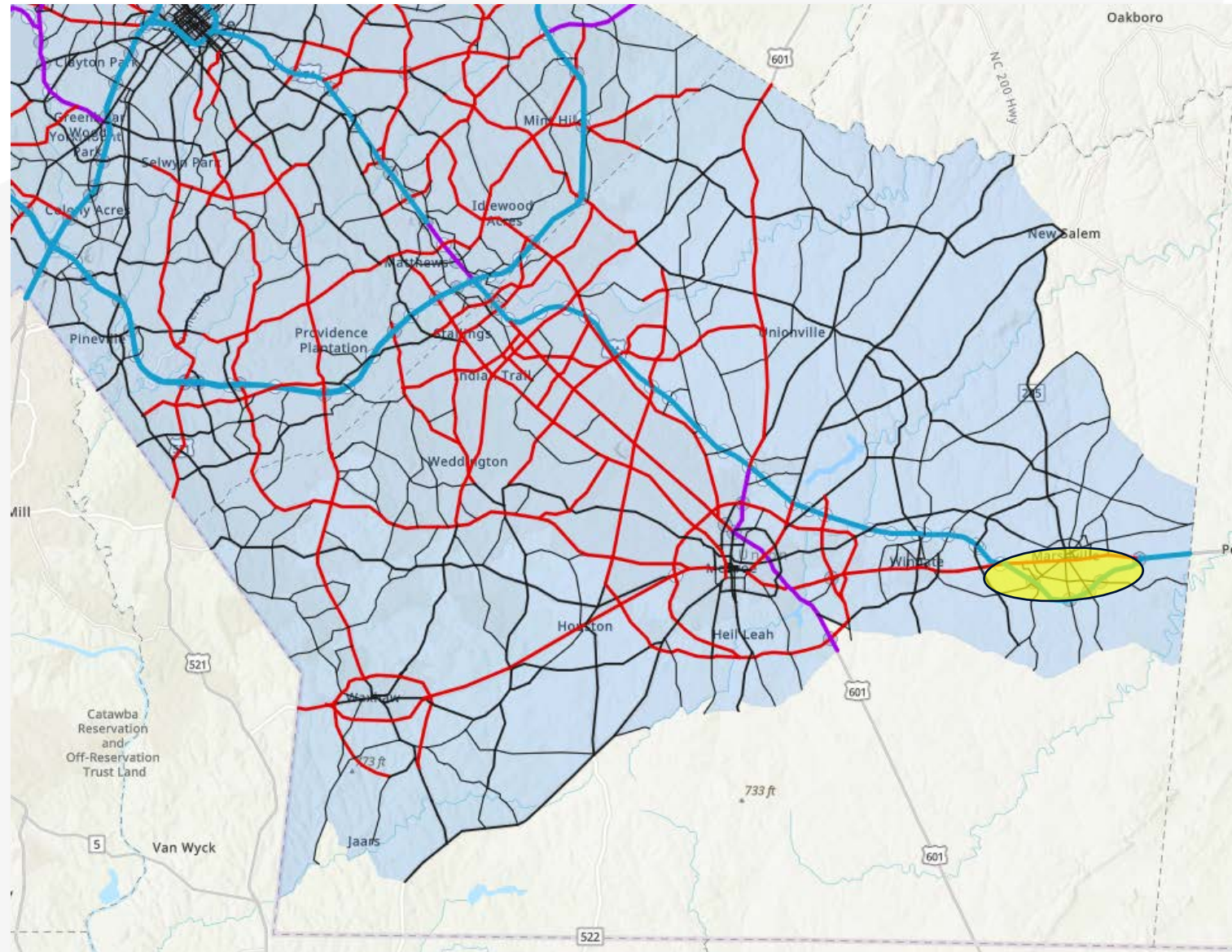
Old Charlotte Highway from Wesley Chapel Stouts to Rogers

- Impacted Municipalities: Indian Trail and Monroe
- Distance: 1.5 miles
- Consistent with Union County 2050 Comprehensive Plan
- Cross-section: four lanes with median and bicycle/pedestrian facilities
- Purpose and Need: Old Charlotte Highway currently carries approximately 20,000 vehicles per day, with increasing traffic volumes projected due to continued development along the corridor. In addition, a lack of bicycle and pedestrian facilities or turn lanes reduces safety for users. The proposed widening will increase safety and reduce congestion along a central corridor within Union County.



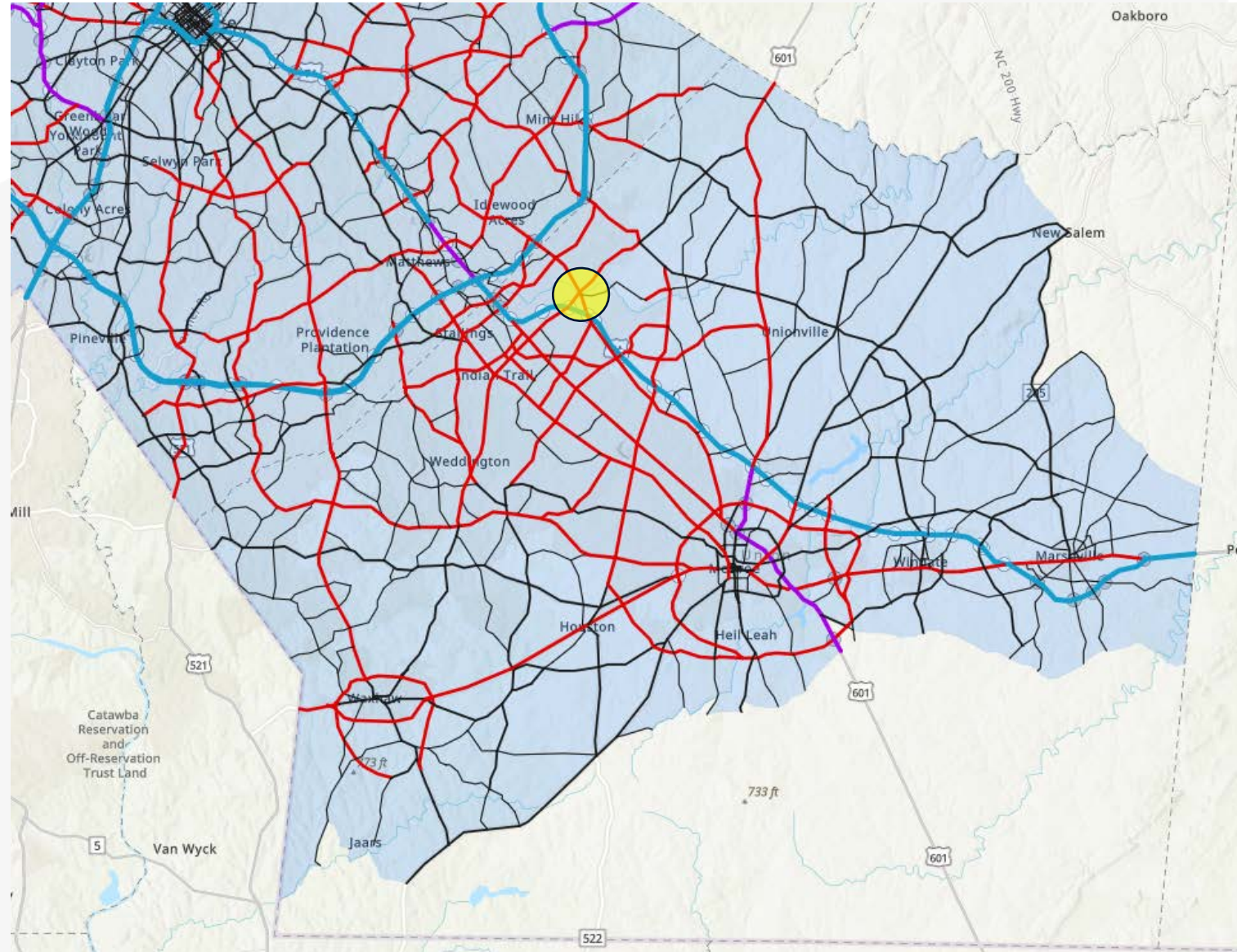
Marshville Bypass

- Impacted Municipalities: Marshville
- Distance: 5 miles
- Consistent with Union County 2050 Comprehensive Plan
- Tolling study underway, but assumption is 25% of cost would be paid through tolls
- Cross-section: Four-lane controlled-access
- Purpose and Need: US 74 currently carries over 2,000 trucks per day, with increasing traffic volumes due to the Monroe Expressway. The proposed bypass will shift truck traffic out of central Marshville and create a more livable main street for the Town. Furthermore, this bypass helps implement a vision for a controlled-access facility between Charlotte and the Port of Wilmington, supporting economic activity.



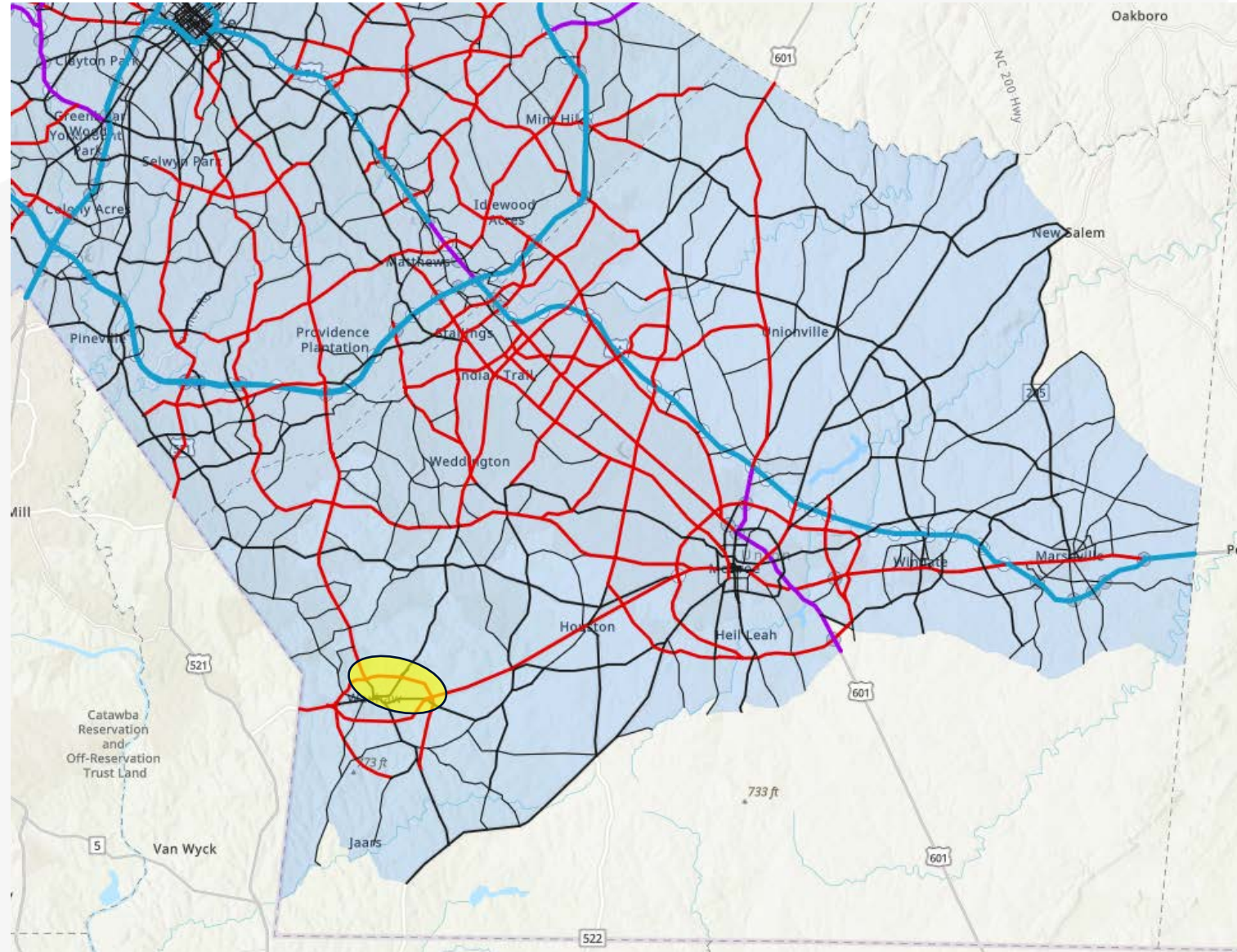
Idlewild, Mill Grove, and Indian Trail-Fairview Intersections

- Impacted Municipalities: Indian Trail and Hemby Bridge
- Distance: 1/8 mile
- Consistent with 2023 Critical Intersection Analysis
- High traffic and crash totals increases competitiveness
- Design: TBD
- Purpose and Need: Intersection improvements at the intersections of Idlewild and Mill Grove, and Idlewild and Indian Trail-Fairview are needed to improve flooding resiliency, mobility and safety of the existing intersections. Idlewild Road carries between 15,000 and 20,000 vehicles per day through these two intersections. The side streets carried approximately 15,000 vehicles per day. The two intersections have had over 60 crashes in the past five years, and the combined project is found in the 2023 Critical Intersection Analysis.



Waxhaw Parkway

- Impacted Municipalities: Waxhaw and Mineral Springs
- Distance: 2 miles
- Mineral Springs and Union County oppose project
- Congestion and safety issues on existing NC 16 and NC 75 increase competitiveness
- Design: two lanes on four lane alignment



Requested Action

- Support proposed applications for NC 84, Idlewild, Old Charlotte Highway and Marshville Bypass
- Oppose Waxhaw Parkway proposed application



Thank you



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