

2055 Transportation Plan

*Kannapolis City Hall
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Phil Conrad, AICP
Cabarrus-Rowan MPO

What is a Transportation Plan?

- The Metropolitan Transportation Plan is a multi-modal plan that has the following components:
 - At least a 20 year horizon
 - Financially constrained
 - Meet Federal Air Quality standards



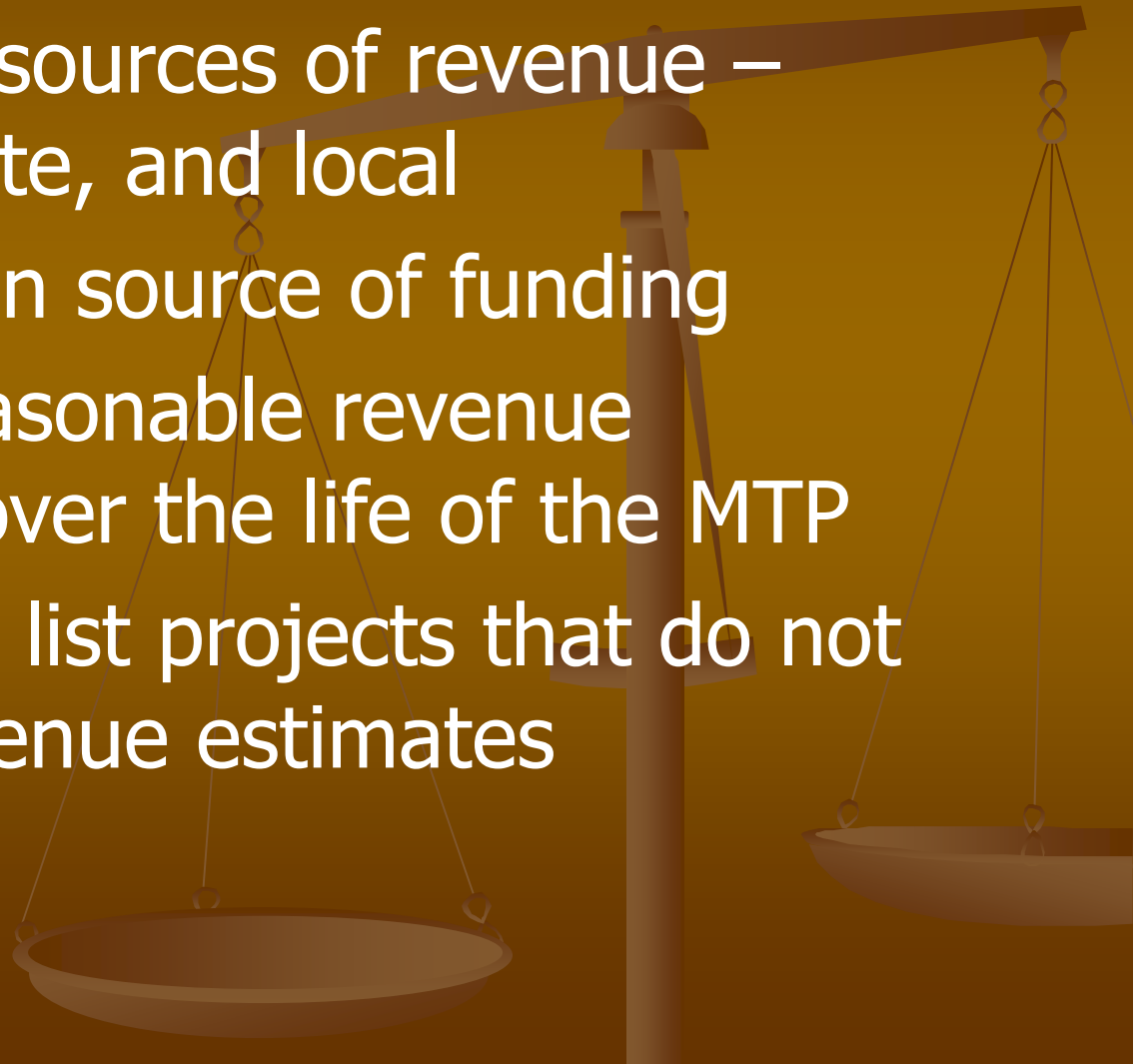
Transportation Plan Elements

- Goals and Objectives
- Demographic Assumptions
- Financial Plan
- Public Involvement
- Highway
- Transit
- Bicycle and Pedestrian
- Aviation
- Freight



Financial Constraint

- Include all sources of revenue – federal, state, and local
- STIP is main source of funding
- Assume reasonable revenue estimates over the life of the MTP
- Program or list projects that do not exceed revenue estimates



Transportation Revenue Sources



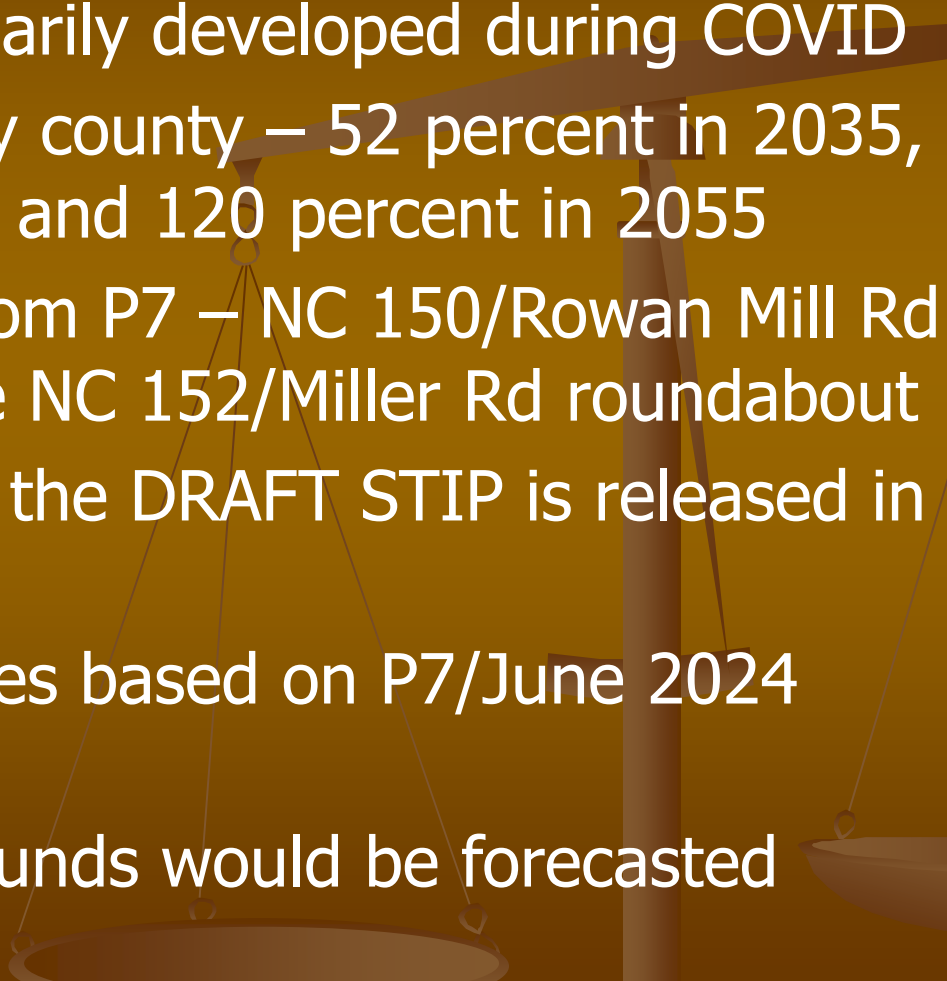
- Strategic Transportation Investments (STI) including CMAQ, CRP, STBG, TAP, etc.
- Local Funds
- Total 2050 MTP Estimate of Funds - \$2.52 billion
- NCDOT Maintenance and Powell Bill Funds

Revenue Forecast



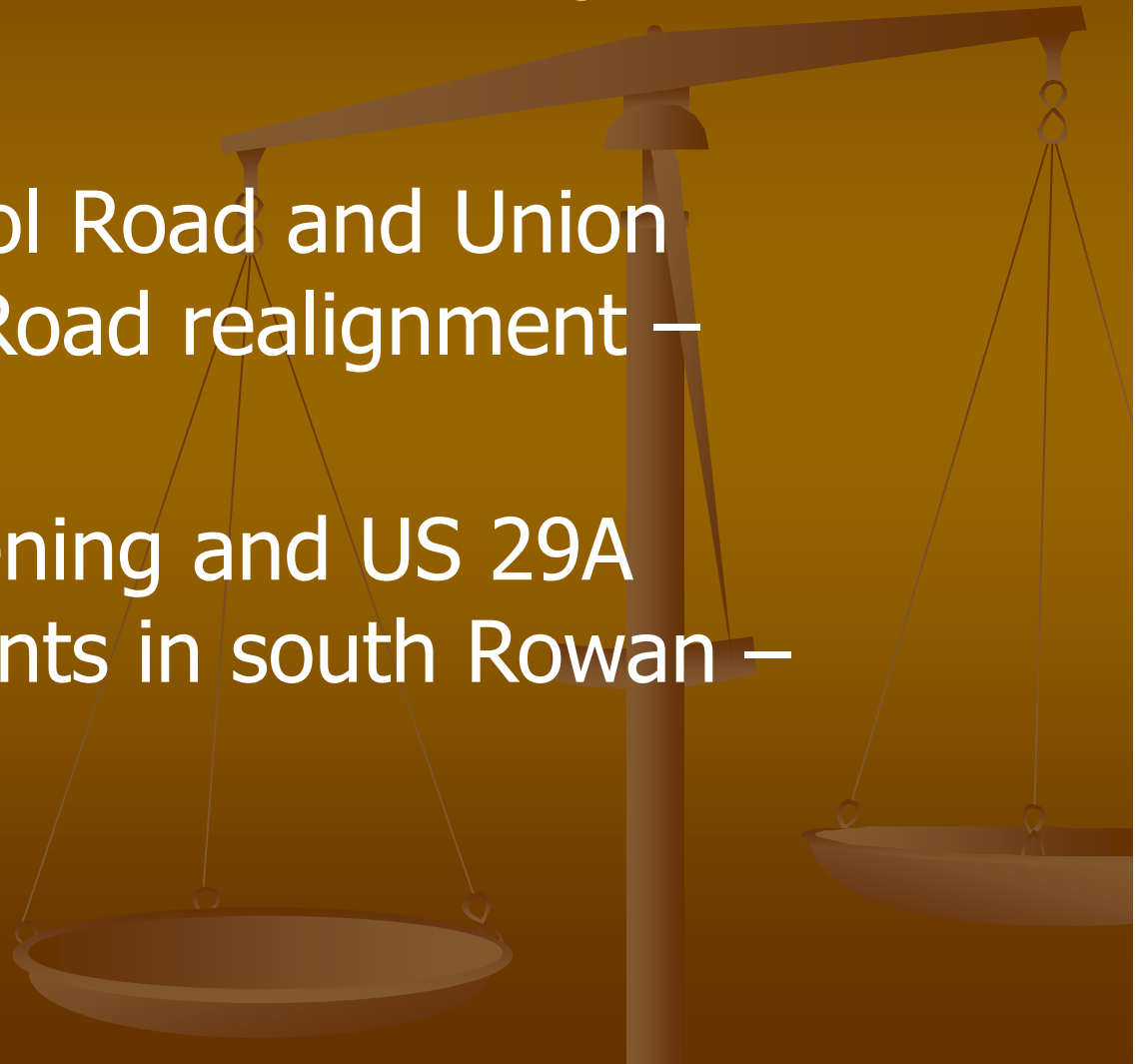
- Pipeline Projects are held constant in the first two horizon years (2025 and 2035)
- Revenue estimate consistent with 2035 DRAFT STIP
- Revenue from 2050 Statewide Plan for last two horizon years (2045 and 2055)

Changes from 2020 MTP Update

- 2050 MTP was primarily developed during COVID
 - Inflationary costs by county – 52 percent in 2035, 95 percent in 2045, and 120 percent in 2055
 - Added 2 projects from P7 – NC 150/Rowan Mill Rd intersection and the NC 152/Miller Rd roundabout
 - All preliminary until the DRAFT STIP is released in February
 - DRAFT MTP revenues based on P7/June 2024 funding availability
 - MPO discretionary funds would be forecasted separately
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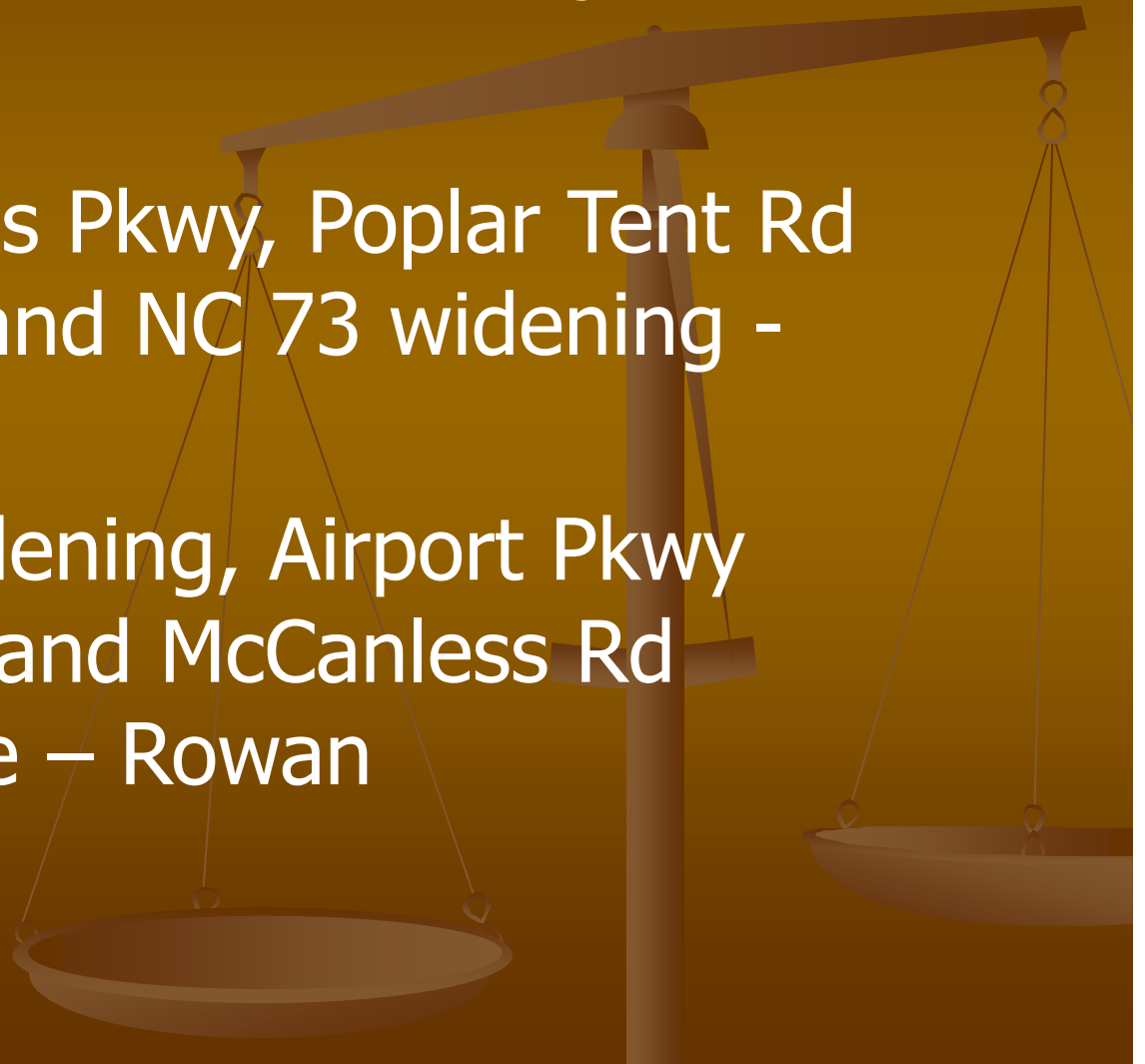
Key Projects Funded by 2035

- Odell School Road and Union Cemetery Road realignment – Cabarrus
- US 52 widening and US 29A improvements in south Rowan – Rowan



Key Projects Funded by 2045

- George Liles Pkwy, Poplar Tent Rd widening, and NC 73 widening - Cabarrus
- NC 150 widening, Airport Pkwy Extension, and McCanless Rd interchange – Rowan



Key Projects Funded by 2055



- Poplar Tent Rd widening to US 29 and NC 3 widening – Cabarrus
- Rockwell Bypass/US 52 Bypass and Granite Quarry/US 52 Bypass - Rowan

Key Transit Projects Funded/2050 MTP

- CCX, Concord Mills Circulator, Concord/Huntersville Express, Kannapolis/Charlotte Express
- HCT to CMS
- Several new bus routes (17) planned to cover more of Cabarrus County

Next Steps



- January 2025 – Public comment begins
- February 2025 – DRAFT STIP to be released
- March/April 2025 – Public comment concludes and TCC/TAC receive final projects list and recommended revenues
- 2055 MTP Update and Transportation Conformity deadline April 5, 2026

QUESTIONS ?

