

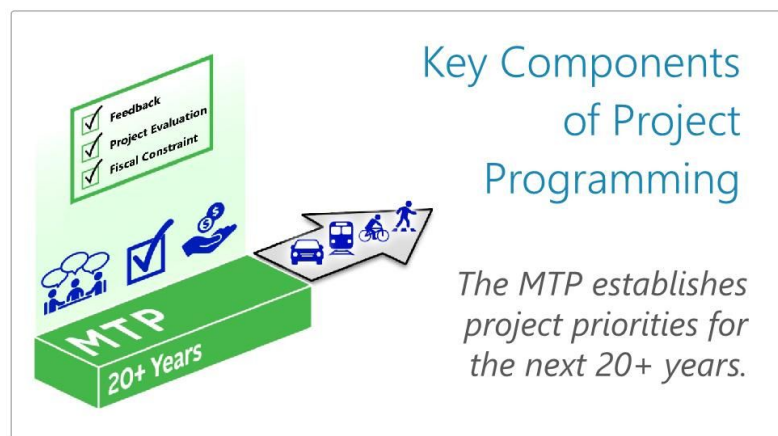


Metropolitan
Transportation
Plan

TRANSPORTATION FOR OUR GROWING TOMORROW

The **Charlotte Regional Transportation Planning Organization (CRTPO)** is the federally-designated **Metropolitan Planning Organization (MPO)** for the Charlotte region. The CRTPO conducts transportation planning activities throughout its planning area, which includes all of Iredell and Mecklenburg counties, and the majority of Union County.

The **Metropolitan Transportation Plan (MTP)** defines policies, programs, and projects to be implemented over the next twenty-plus years for the regional MPO planning area. Through a collaborative process that includes stakeholder and public input, projects are evaluated to define priorities and anticipated funding is identified to support the transportation improvements and initiatives outlined in the plan. The MTP is updated often to stay current with changing needs.



MTP GOALS

1. Provide, manage, and maintain a safe and efficient transportation system for all modes. 
2. Encourage walking, bicycling, and transit options. 
3. Provide a sustainable transportation system that improves the quality of life for residents. 
4. Promote equitable transportation options for low income and minority neighborhoods, as well as the aging population. 
5. Encourage regional collaboration and linkages between transportation and land use planning. 
6. Support economic competitiveness and enhance system performance. 
7. Maximize travel and transportation opportunities for the movement of goods. 

CRTPO FAST FACTS

- The population of the CRTPO planning area is approximately 1.3 million people and represents 14% of the entire population of NC.
- CRTPO consists of 29 jurisdictions in Iredell, Mecklenburg, and Union counties, 24 of which are voting members.
- There are nearly 7,000 miles of roadways in the CRTPO planning area.



Review the 2045 MTP Online at
www.2045mtp.org

CRTPO 

PROJECT FUNDING, EVALUATION, PROGRAMMING & PUBLIC ENGAGEMENT

Funding | STRATEGIC TRANSPORTATION INVESTMENTS



THREE STI CATEGORIES

(Based on Geography & Facility Type)

STATEWIDE MOBILITY (S)

- Address Significant Congestion & Bottlenecks
- Entire CRTPO Planning Area

REGIONAL IMPACT (E, F)

- Improve Connectivity within Regions
- Region E – Mecklenburg & Union Counties
- Region F – Iredell County

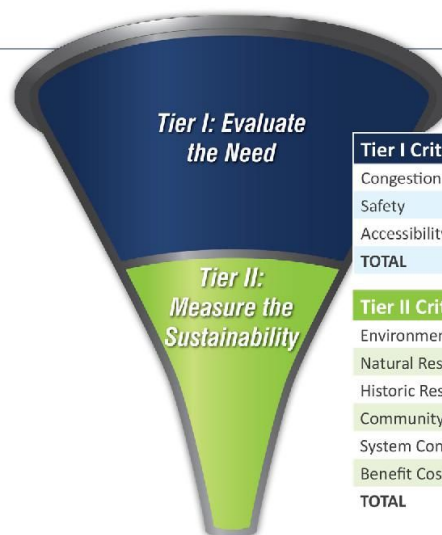
DIVISION NEEDS (10, 12)

- Address Local Needs
- Division 10 – Mecklenburg & Union Counties
- Division 12 – Iredell County

The Strategic Transportation Investments (STI) bill (HB817) dictates how federal and state transportation funds are allocated in North Carolina. For funding purposes, NCDOT divides the state into seven Regions, each comprised of two Divisions. The STI categorizes all projects into three functional categories – Statewide Mobility, Regional Impact, and Division Needs.

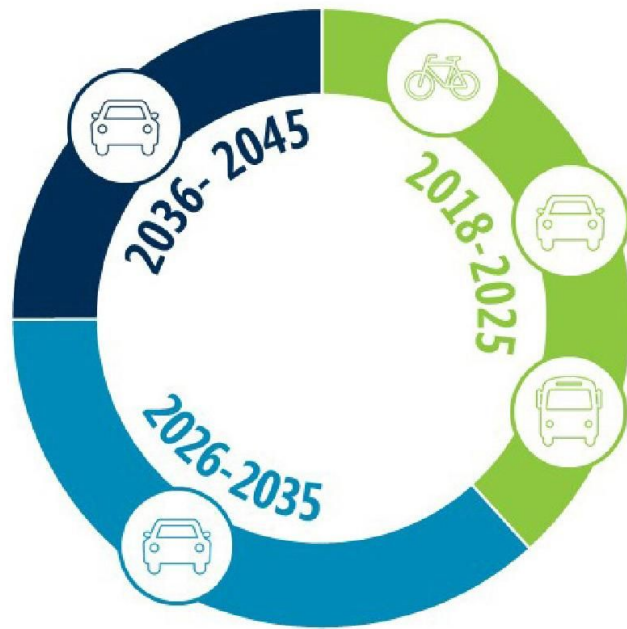
Evaluation | PRIORITIZATION

A two-tiered roadway ranking methodology is used to evaluate CRTPO's candidate projects and establish a list of priorities. Based on the anticipated funds available, the priority projects are programmed in the MTP.



Tier I Criteria	Points
Congestion	100
Safety	50
Accessibility to Employment	50
TOTAL	200
Tier II Criteria	Points
Environmental Justice Impacts	9
Natural Resource Impacts	9
Historic Resource Impacts	9
Community Resource Impacts	9
System Connectivity	14
Benefit Cost Ratio	50
TOTAL	100

Programming | SUMMARY



2018-2025
142
PROJECTS
\$3.0B

2026-2035
34
PROJECTS
\$2.8B

2036-2045
33
PROJECTS
\$2.8B

209 TOTAL MTP
PROJECTS

\$8.6B TOTAL MTP
FUNDING

NOTE: Majority of roadway projects include bicycle and pedestrian accommodations.

NOTE: For HY 2035 and 2045, bicycle/pedestrian and transit projects will be identified through future planning efforts.

Public Engagement | FEEDBACK



Public input is a significant component of the MTP development process. CRTPO implemented various public outreach techniques to engage nearly 2,000 people on a variety of transportation related topics.



@CLTRegionalTPO

#2045MTP

#CRTPOGrowingTomorrow

www.crtpo.org

VOTING MEMBERS

Mecklenburg County

INCLUDING

- City of Charlotte
- Towns of:

Cornelius	Matthews
Davidson	Mint Hill
Huntersville	Pineville

Union County

INCLUDING

- City of Monroe
- Towns of:

Fairview
Indian Trail
Marshville
Marvin
Mineral Springs
Stallings
Waxhaw
Weddington
Wesley Chapel
Wingate

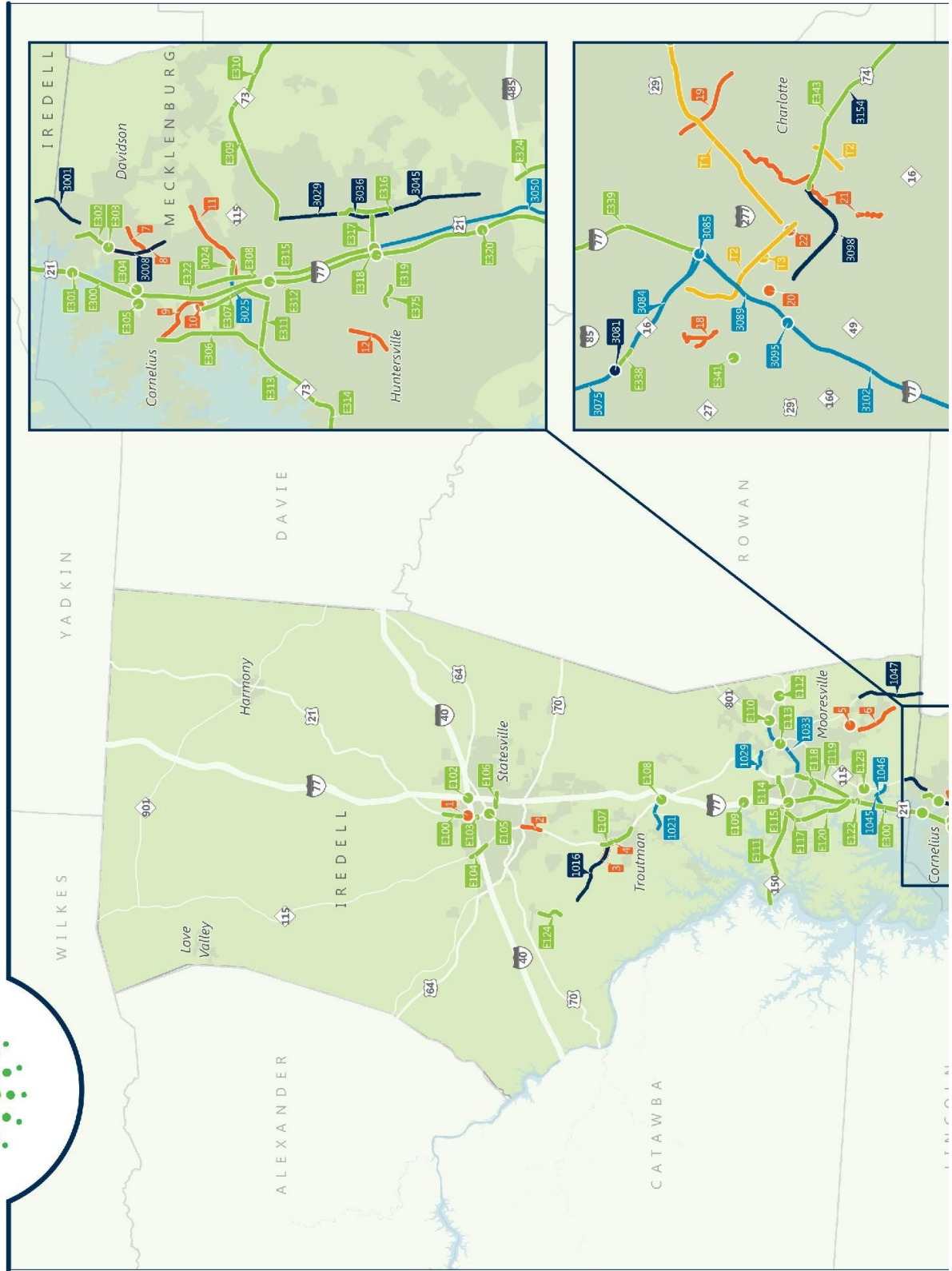
Iredell County

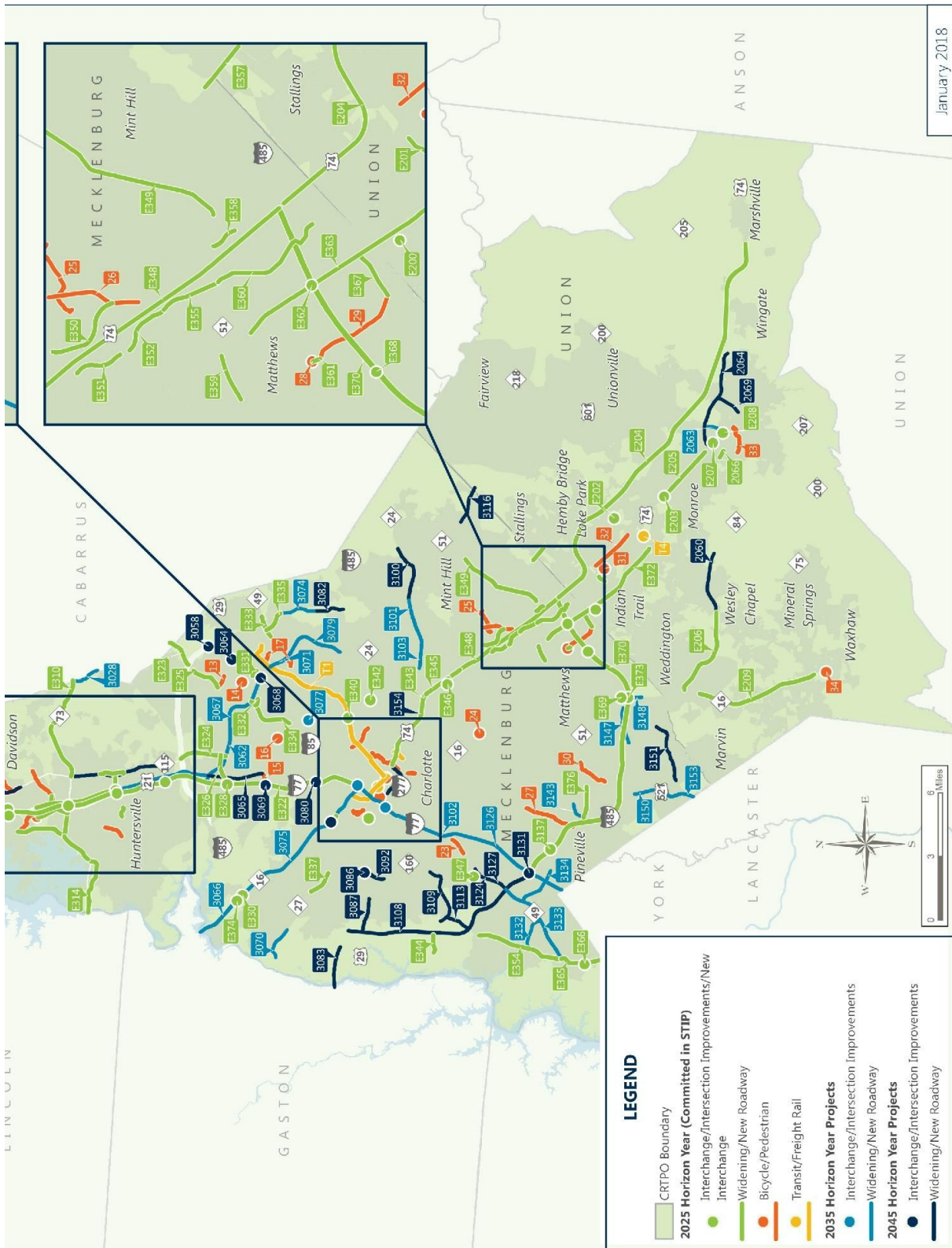
INCLUDING

- City of Statesville
- Towns of:

Mooresville
Troutman

Fiscally Constrained Projects

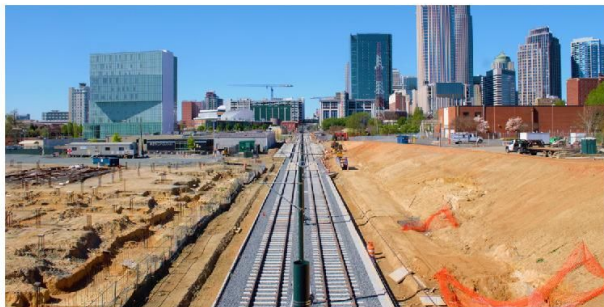




ROADWAY PROJECTS		
HORIZON YEAR 2025		
2045 MTP ID	PROJECT NAME	PROJECT COST (TIP \$ TO BE SPENT)
E119	Charlotte Hwy	\$35,100,000
E109	I-77 / Cornelius Rd	\$27,300,000
E123	NC 115 / Faith Rd-Campus Ln	\$2,894,000
E111	River Hwy / W Plaza Dr	\$114,000,000
E102	I-40 / I-77	\$203,600,000
E104	Wilkesboro Hwy	\$13,700,000
E118	Brawley School Rd	\$11,400,000
E122	Fairview Rd / I-77 Overpass	\$14,100,000
E115	I-77 / W Plaza Dr	\$10,200,000
E113	NC 150 / NC 115	\$0
E110	NC 801 / NC 150	\$0
E112	Oakridge Farm Hwy / Wiggins Rd	\$930,000
E114	Oates Rd / Midnight Ln	\$9,600,000
E117	Williamson Rd	\$9,600,000
E120	Williamson Rd	\$39,400,000
E124	Bethlehem Rd	In Progress
E103	Brookdale Dr / US 21 Connector	\$2,728,000
E106	East Broad St	\$13,400,000
E100	Turnersburg Hwy	\$16,700,000
E105	US 21 / US 64	\$1,100,000
E107	Main St / Shelton Ave	\$34,800,000
E108	South Main St and Houston Rd / Flower House Loop	\$1,500,000
E350	Arequipa Dr / Northeast Pkwy	Included with U-2509
E338	Brookshire Blvd	\$9,500,000
E374	Brookshire Blvd / Mount Holly Huntersville Rd	\$6,000,000
E335	Eastern Circumferential Rd	\$0
E342	Eastway Dr / Shamrock Dr	\$13,000,000
E337	Freedom Dr	\$17,100,000
E330	I-485 / Brookshire Blvd	\$14,200,000
E373	I-485 / Providence Rd	\$41,300,000
3137	I-485 / Westinghouse Blvd	\$0
E339	I-77	\$47,100,000
E332	IBM Dr Connector	\$0
E343	Independence Blvd	\$23,900,000
E345	Independence Blvd	\$23,371,000
E348	Independence Blvd	\$507,000,000
E352	Krefeld Dr / Independence Pointe Pkwy	Included with U-2509

ROADWAY PROJECTS		
HORIZON YEAR 2025		
2045 MTP ID	PROJECT NAME	PROJECT COST (TIP \$ TO BE SPENT)
E351	Krefeld Dr Ext	Included with U-2509
E326	Lakeview Rd	\$7,000,000
E328	Lakeview Rd / I-77	\$24,667,000
E325	Mallard Creek Rd	\$20,100,000
E334	Mallard Creek Rd Connector	\$0
E346	Monroe Rd / Rama Rd / Idlewild Rd	\$3,400,000
E369	NC 16 / Ballantyne Commons Pkwy	\$0
E366	NC 160 / Hamilton Rd	\$1,300,000
E331	North University Research Park Bridge	\$9,250,000
E323	Odell School Rd	\$13,400,000
E324	Old Statesville Rd	\$34,300,000
E347	Shopton Rd / Beam Rd	\$1,750,000
E354	Steele Creek Rd	\$39,000,000
E365	Steele Creek Rd	\$20,600,000
E340	Sugar Creek Rd / NC RR Crossing	\$0
E341	Tuckaseegee Rd / Berry Hill Rd / Thrift Rd	\$3,676,000
E333	University City Blvd	\$39,825,000
E344	West Blvd Extension	\$0
E322	I-77	\$0
E368	I-485 / Weddington Rd	\$24,100,000
E376	Pineville-Matthews Rd	In Progress
E370	I-485	\$287,500,000
3024	Bailey Rd Ext	\$11,636,333
E306	Catawba Ave	\$32,200,000
E303	NC 115 / Potts St	\$6,000,000
E307	Northcross Dr Extension	\$13,700,000
E305	Torrence Chapel Rd / West Catawba Ave	\$5,000,000
E304	US 21 / Catawba Ave	\$8,958,000
E308	Statesville Rd	\$23,200,000
E301	Griffith St / I-77	\$0
E302	Potts-Sloan-Beatty Connector	\$2,050,000
E310	Davidson-Concord Rd	\$26,100,000
E317	Gilead Rd	\$15,300,000
E375	Gilead Rd	In Progress
E320	Hambright Rd / I-77	\$22,667,000
E319	I-77 / Gilead Rd	\$10,400,000
E312	I-77 / NC 73	\$17,550,000
E316	Main St	\$8,000,000

ROADWAY PROJECTS		
HORIZON YEAR 2025		
2045 MTP ID	PROJECT NAME	PROJECT COST (TIP \$ TO BE SPENT)
E313	NC 73	\$57,400,000
E314	NC 73	\$94,000,000
E309	Sam Furr Rd	\$19,800,000
E311	Sam Furr Rd	\$11,400,000
E315	Statesville Rd	\$19,500,000
E318	Statesville Rd (US 21) / Gilead Rd	\$10,500,000
E360	Independence Point Pkwy	Included with U-2509
E355	Independence Pointe Pkwy	Included with U-2509
E359	Matthews Township Pkwy	\$3,900,000
E367	McKee Rd Extension	\$9,200,000
E358	Northeast Pkwy	Included with U-2509
E362	Old Monroe Rd / E John St / I-485	\$20,000,000
E361	South Trade St	\$2,500,000
E349	Matthews-Mint Hill Rd	\$43,250,000
E300	I-77	Cost included in I-5405
E357	Idlewild Rd	\$7,050,000
E363	John St / Old Monroe Rd	\$38,925,000
E204	Monroe Connector / Bypass	\$0
E201	Chestnut Ln Connector	\$3,740,000
E202	Unionville-Indian Trail Rd / Sardis Church Rd	\$2,240,000
E372	John St / Old Monroe Rd	\$47,575,000
E209	Providence Rd S	\$82,500,000
2066	Charlotte Ave	\$6,800,000
E205	Roosevelt Blvd	\$16,500,000
E203	US 74 / Rocky River Rd	\$2,150,000
E207	US 74 / Seacrest Shortcut Rd	\$4,500,000
E208	US 74 / US 601	\$7,800,000
E200	Potter Rd / Pleasant Plains Rd	\$2,500,000
E206	Rea Rd / Marvin School Rd	\$48,550,000



NON-ROADWAY PROJECTS		
HORIZON YEAR 2025		
2045 MTP ID	PROJECT NAME	PROJECT COST (TIP \$ TO BE SPENT)
BICYCLE AND PEDESTRIAN PROJECTS		
1	Turnersburg Hwy Greenway	\$1,650,000
2	Shelton Ave Greenway	\$754,000
3	Old Mountain Rd Sidewalk	\$480,000
4	North Main St Greenway	\$430,000
5	Kistler Farm-Briarcliff-Bellingham-White Oak Sidewalks	\$1,003,000
6	Bellingham Park Greenway Extension	\$666,000
7	South Prong Rocky River Greenway	\$1,050,000
8	NC 115 Modernization	\$307,000
9	McDowell Creek Greenway Cornelius	\$2,850,000
10	McDowell Creek Tributary Greenway Cornelius	\$3,000,000
11	Caldwell Station Creek Greenway	\$3,162,000
12	McDowell Creek Greenway Huntersville	\$2,000,000
13	Mallard Creek Church Rd Multi-Use Path	\$1,591,000
14	Barton Creek Greenway	\$1,064,000
15	Sunset Rd Sidewalks	\$1,607,000
16	Nevin Rd Sidewalks	\$1,045,000
17	Toby Creek Greenway Phase II	\$2,148,000
18	Stewart Creek Greenway	\$1,363,000
19	Matheson Ave Bike Lanes	\$460,000
20	Irwin Creek Bikeway	\$629,000
21	Little Sugar Creek Greenway Charlotte	\$7,964,000
22	Charlotte B-Cycle	\$1,094,000
23	South Tryon St Sidewalk	\$685,000
24	Providence Rd Sidewalk	\$788,000
25	Irvins Creek Greenway	\$1,099,000
26	Sam Newell Rd Greenway	\$400,000
27	Little Sugar Creek Greenway South Mecklenburg	\$2,200,000
28	Four Mile Creek Greenway	\$1,114,000
29	Pleasant Plains Rd Bike Lanes	\$275,000
30	McAlpine Creek Greenway	\$7,876,000
31	Indian Trail Sidewalks	\$1,049,000
32	Independence Blvd Multi-Use Path	\$3,740,000
33	Bearskin Creek Greenway	\$1,640,000
34	Waxhaw Bicycle and Pedestrian Enhancements	\$1,210,000
TRANSIT / FREIGHT RAIL PROJECTS		
T1	Blue Line Extension	\$175,563,000
T2	CityLynx Gold Line Phase II	\$150,000,000
T3	Charlotte Gateway Station	\$88,400,000
T4	CSX SF Line	\$12,320,000

ROADWAY PROJECTS		
HORIZON YEAR 2035		
2045 MTP ID	PROJECT NAME	PROJECT COST (2035 \$)
1029	Connector Road	\$15,465,971
1046	East-West Connector	\$15,738,147
1045	Langtree Rd	\$14,649,445
1033	Oakridge Farm Hwy	\$100,368,710
1021	Southwest Bypass	\$20,493,212
3101	Albemarle Rd	\$52,561,888
3103	Albemarle Rd	\$34,902,502
3147	Ballantyne Commons Pkwy	\$29,218,838
3066	Brookshire Blvd	\$82,164,973
3075	Brookshire Blvd	\$51,249,041
3084	Brookshire Fwy	\$30,419,612
3132	Carowinds Blvd	\$31,460,283
3074	Eastern Circumferential Rd	\$42,763,571
3095	I-277 (Belk Fwy) / I-77	\$207,493,776
3085	I-277 (Brookshire Fwy) / I-77	\$162,664,873
3089	I-77	\$536,762,062
3102	I-77	\$157,637,632
3126	I-77	\$522,384,792
3077	I-85 / Sugar Creek Rd	\$32,132,717
3150	Johnston Rd	\$24,175,587
3153	Lancaster Hwy	\$15,449,961
3070	Mt Holly Rd	\$45,261,181
3148	Providence Rd	\$20,140,985
3133	S Tryon St	\$89,609,773
3134	Westinghouse Blvd	\$49,968,216
3062	WT Harris Blvd	\$51,777,382
3067	WT Harris Blvd	\$35,142,657
3071	WT Harris Blvd	\$12,904,320
3079	WT Harris Blvd	\$55,651,880
3050	Statesville Rd	\$104,995,693
3143	Park Rd	\$28,514,384
3025	Bailey Rd Flyover	\$18,219,747
2063	US 601	\$23,919,421

ROADWAY PROJECTS		
HORIZON YEAR 2045		
2045 MTP ID	PROJECT NAME	PROJECT COST (2045 \$)
1047	Coddle Creek Hwy	\$89,488,134
1016	Old Mountain Rd	\$102,143,500
3151	Ardrey Kell Rd	\$102,593,784
3092	Billy Graham Pkwy	\$24,078,375
3082	Eastern Circumferential Rd	\$65,575,653
3098	I-277 (Belk Fwy)	\$47,398,376
3108	I-485	\$379,258,104
3131	I-485 / I-77 (South of Charlotte)	\$114,111,590
3058	I-485 / I-85 (North of Charlotte)	\$82,567,971
3069	I-77 / Sunset Rd	\$97,166,670
3083	I-85	\$31,164,432
3086	I-85 / Billy Graham Pkwy	\$58,157,807
3081	I-85 / Brookshire Fwy	\$46,734,799
3080	I-85 / I-77	\$296,239,849
3064	I-85 / Mallard Creek Church Rd	\$42,895,530
3068	I-85 / WT Harris Blvd	\$58,157,807
3154	Independence Blvd	\$195,281,308
3124	S Tryon St	\$46,545,205
3127	S Tryon St	\$15,617,765
3065	Statesville Rd	\$96,005,410
3113	Steele Creek Rd	\$38,297,888
3109	Western Pkwy	\$130,961,712
3087	Wilkinson Blvd	\$46,545,205
3100	Albemarle Rd	\$76,358,783
3008	Main St	\$29,386,993
3001	Main St	\$25,547,725
3029	Old Statesville Rd	\$65,101,669
3036	Old Statesville Rd	\$25,334,432
3045	Old Statesville Rd	\$65,220,165
3116	Fairview Rd	\$57,020,246
2069	Morgan Mill Rd	\$61,641,588
2064	Monroe Northern Loop	\$45,502,441
2060	Monroe-Weddington Rd	\$93,185,207