

CHAPTER 6

FINANCIAL PLAN





A PRODUCT OF THE
Western Piedmont
Council of Governments

**Greater Hickory Metropolitan
Planning Organization**

1880 2nd Ave NW | Hickory, NC 28601
828.322.9191 | www.wpcog.org

Financial Plan

Federal Law requires that the Metropolitan Transportation Plan (MTP) be fiscally constrained. Meeting fiscal constraints requires that the cost of all recommended transportation projects in the MTP be covered by revenues that can be reasonably expected to be available in the 30-year planning period covered by the 2050 MTP. This chapter, the financial plan, demonstrates fiscal constraint, and is representative of the projection methodology, and projected costs and revenues for the 2050 Metropolitan Transportation Plan.

The Metropolitan Transportation Plan is divided into three fiscally constrained horizon years.

- 2023-2030 = 2030 Horizon
- 2031-2040 = 2040 Horizon
- 2041-2050 = 2050 Horizon

The 2050 MTP's revenue projections were calculated utilizing the 2024-2033 draft State Transportation Improvement Program (STIP) total funds, amounting to \$32.8 billion. The region's share of these funds was determined by taking into account the region's total population as a percentage of the state's overall population and applying that percentage to the overall state fund, or 3.5% of \$32.8 billion. To account for inflation, an annual inflation rate of 3% was applied to project funding for the 2040 and 2050 horizon years. To extract funding specifically for highway projects, the historical allocation of total STIP funding towards highway funds (92.1%) was utilized as a proxy. To extract bicycle and pedestrian as well as transit funding, the same use of historical percentages was utilized (6%, 1.7%). Based upon this methodology, the total projected expenditures for the 2050 Metropolitan Transportation Plan may not exceed the following projected revenues:

Table 6-1. Total MTP Projected Revenues	
Horizon Year	Projected Total Revenue
2030	\$1,148,000,000
2040	\$1,542,816,003
2050	\$2,073,425,697

The 2050 MTP cost estimates are based on the best cost estimate available for each project, based on the following hierarchy:

1. State Transportation Improvement Program Cost Estimate
2. State Prioritization Office Cost Estimate
3. NCDOT Cost Estimate

Table 6-2. MTP Projected Revenues and Expenditures- Highway		
Horizon Year	Projected Highway Revenue	Projected Highway Expenditures
2030	\$1,056,160,000.00	\$1,006,339,208.00
2040	\$1,419,390,720.00	\$1,269,055,103.00
2050	\$1,907,542,430.00	\$617,116,602.00

Table 6-3. MTP Projected Revenues – Bicycle and Pedestrian

Horizon Year	Projected Revenues	Projected Bicycle Expenditures
2030	\$68,800,000.00	*
2040	\$92,568,960.00	*
2050	\$124,405,541.00	*
Total	\$285,774,501	\$79,010,000

*Bicycle and Pedestrian Projects are not assigned horizon years

Table 6-4. MTP Projected Revenues – Transit

Horizon Year	Projected Revenue
2030	\$19,516,000.00
2040	\$26,227,872.00
2050	\$35,248,236.00

The following chart illustrates individual highway projects categorized by Horizon Year. The chart is broken down into the following color codes:

- » 2030 – Chart A (Green)
- » 2040 – Chart B (Blue)
- » 2050 – Chart C (Orange)

Each project has a unique MTP ID beginning with a four-letter county code:

- » MULT – Multiple Counties
- » ALEX – Alexander County
- » BURK – Burke County
- » CALD – Caldwell County
- » CATA – Catawba County

The county code is followed by a two-letter project-type code:

- » HS – Highway Strategic (I-40)
- » HR – Highway Regional (All other NC & US Routes)
- » HD – Highway Divisional (All other roadways and SR roads)
- » LE – Local/Exempt Projects (LAPP Projects, etc.)

Bicycle and Pedestrian Projects are featured in Chart D.

Chart A: 2030 Highway Projects

MTP ID	SPOT ID	MODEL ID	County	STIP	Project Name	Project Description	Project Length	Cost (\$)	Existing Facility	Proposed Facility	Status
MULT-HS-2	H090474-A	25012	Burke, Caldwell, Alexander	U-4700A	US 321 and Bridge 367 Div 11, 12 & 13	Widen to six-lanes/Superstreet from US 70 in Hickory to US 321-A in Granite Falls	0.2 (Burke), 2.1 (Caldwell), 2.3 (Catawba)	245,014,000	4-Lane	6-Lane Divided	ROW in 2021 Construction in 2025
MULT-HR-2	H090244-AA	25018	Alexander & Catawba	R-3603A	NC-127	SR 1400 (CLONINGER MILL ROAD) TO SR 1156 (RICHEY ROAD).	1.5	82,100,000	2-Lane	4-Lane	Row in 2024 Construction in 2026
ALEX-HR-1	H140397	N/A	Alexander	U-6041	US-64 /Church Road	US 64 AND SR 1124. ADD LEFT TURN LANE ON WESTBOUND US 64/NC 90	N/A	2,050,000	2-Lane	2-Lane	ROW in 2024 Construction in 2025
ALEX-HR-2	H140391	N/A	Alexander	R-5762	NC-16	INTERSECTION OF NC 16 AND SR 1609 (COUNTY HOME ROAD). CONSTRUCT INTERSECTION IMPROVEMENTS.	N/A	620,000	2-Lane	2-Lane Improved	ROW in 2022 Construction in 2023
ALEX-LE-1	N/A	N/A	Alexander	R-5870	Alexander Industrial Access	CONSTRUCT ACCESS ROAD INTO ALEXANDER INDUSTRIAL PARK.	N/A	1,675,000	None	2-Lane	Construction in 2021
BURK-HS-7	H150288	N/A	Burke	I-5990	I-40 Exit 118 - SR 1716 (Old NC 10)	EXIT 118 - SR 1761 (OLD NC 10). CONSTRUCT INTERCHANGE IMPROVEMENTS.	N/A	13,200,000	Interchange	Improved Interchange	ROW in 2023 Construction in 2024
BURK-HR-3	H111253	25020	Burke	U-5836	NC-181	SR 1414 (ST MARY'S CHURCH ROAD) TO MORGANTON ETJ. WIDEN EXISTING ROADWAY.	N/A	10,800,000	2-Lane	Multi-Lane	ROW in 2027 Construction in 2029
BURK-LE-1	N/A	N/A	Burke	R-5967	Goat Farm Road	IMPROVE EXISTING SR 1687 (GOAT FARM ROAD) ACCESS ROAD INTO THE PROPOSED INDUSTRIAL PARK.	N/A	2,857,000	None	2-Lane	Construction in 2023
BURK-LE-2	N/A	N/A	Burke	U-6057	South Sterling / West Parker	Construct Connector Street from South Sterling to West Parker Road	N/A	N/A	None	2-Lane	Complete
BURK-HR-1	H170566	N/A	Burke	U-6123	W Fleming at US-64/70	US 70 / US 64 - Add turn lanes on US 70 to US 64.	N/A	11,900,000	2-Lane	Multi-Lane	Unfunded
CALD-HS-1	H142036	Not Modeled	Caldwell	U-4700CA	US-321	US 321 at Mount Herman Rd (SR 1160)	N/A	4,520,000	4-Lane	Superstreet	ROW in 2020 Construction in 2023
CALD-HS-2	H150299	Not Modeled	Caldwell	U-4700CB	US-321	US 321 at Pine Mountain Rd (SR 1809/1952)	N/A	9,700,000	4-Lane	Superstreet	ROW in 2020 Construction in 2023
CALD-HS-3	H150327	Not Modeled	Caldwell	U-4700CC	US-321	US 321 at Mission Rd (SR 1108)	N/A	6,450,000	4-Lane	Superstreet	ROW in 2020 Construction in 2023
CALD-HS-4	H171548	Not Modeled	Caldwell	U-6161	US 321 / DUDLEY SHOALS ROAD (SR 1002)	SR 1002 (DUDLEY SHOALS ROAD) GRADE SEPARATION. CONSTRUCT RAMP ONTO US 321 SOUTHBOUND.	N/A	5,000,000	At grade intersection	Partial Improvement	ROW in 2026 Construction in 2028
CALD-HR-2	H090340	25001	Caldwell	U-6034	US-321A	Pinewood Road (SR 1109) to Duke Street (SR 1106)	1.4	26,400,000	2-Lane	2-Lane	ROW in 2024 Construction in 2026

Chart A-2: 2030 Highway Projects

CALD-HR-3	N/A	Not Modeled	Caldwell	U-6033	US 64 / Calico Road	Intersection Improvements	N/A	2,647,000	2-Lane	2-Lane	ROW in 2019 Construction in 2023
CALD-HD-1	N/A	N/A	Caldwell	U-6035	Dudley Shoals Road (SR 1002)	Construct Roundabout at five-points intersection	0.3	1,125,000	2-Lane	2-Lane	ROW in 2019 Construction in 2023
CALD-HD-2	H141095	25014	Caldwell	U-6036	Pinewood Rd (SR 1109)	US 321 to SR 1931 (Bert Huffman Rd) modernization	0.6	10,700,000	2-Lane	2-Lane	ROW in 2019 Construction in 2023
CALD-HD-5	H170870	35023	Caldwell	U-6157	Cajah's Mtn Rd (SR 1130)	Improvements from Connelly Springs Rd (SR 1001) to 321A	3.38	49,236,000	2-Lane	2-Lane Upgrade	ROW in 2023 Construction in 2025
CALD-HD-6	H090235	35001	Caldwell	R-3430C	Connelly Springs Road (SR 1001)	Widen to multi-lane facility from just north of Burke County line to SR 1933 (Southwest Blvd)	6	78,501,000	2-Lane	3-Lane	ROW in 2026 Construction in 2029
CALD-LE-1	N/A	N/A	Caldwell	HO-0006	SR 1328 Brown Mountain Beach Road	Widen Roadway to 20 feet at five locations	N/A	1,750,000	2-lane	Improved 2-Lane	Construction in 2022
CALD-HD-11	N/A	45040	Caldwell	R-5775	Pinewood Rd Extension	INTERSECTION OF US 321 AND SR 1109 (PINEWOODS ROAD EXTENSION). CONSTRUCT INTERSECTION IMPROVEMENTS.	1.38	1,050,000	2-Lane	2-lane	Construction in 2022
CATA-HS-1	N/A	Not Modeled	Catawba	I-5716	I-40 Exit 125 - Lenoir-Rhyne Blvd (SR 1007)	Add Clover ramp in Northeast Quadrant	N/A	8,500,000	Interchange	Improved Interchange	Construction in 2025
CATA-HR-3	H141919	Not Captured	Catawba	U-5777	NC-127	1st Ave SE to 2nd Ave SE. Add Turn Lanes	0.1	6,101,000	5-Lane	5-Lane	ROW in 2019 Construction in 2025
CATA-HR-4	090335-A	25011	Catawba	U-2530A	NC-127	Widen to multi-lane from SR 1132 (Huffman Farm Rd) to SR 1008 (Zion Church Rd)	1.9	53,201,000	2-Lane	4-Lane	ROW in 2025 Construction in 2027
CATA-HD-1	H170882	25008	Catawba	HL-0004	17th Street NW Connector	Construct 2 Lane connector from 9th Ave NW to Clement Blvd NW	0.17	6,000,000	None	2-Lane Connector	ROW in 2023 Construction in 2024
CATA-HR-7	H090084-A	Not in TDM Region	Catawba	R-2307A	NC-150	East of SR 1840 (Greenwood Rd) to Relocated NC 16 (TIP R-2206). Widen to multi-lanes. Intersection Improvements at Greenwood Road	7.92	216,001,000	2-Lane	4-Lane	ROW in 2027 Construction in 2030
CATA-HD-2	H090332	25007	Catawba	U-6042	33rd St SW (SR 1124) and 34th St NW	Realign Intersection	0.1	4,900,000	Intersection	Improved	ROW in 2027 Construction in 2029
CATA-HD-12	H090315-A	35033	Catawba	R-5113	Startown Road (SR 1005)	Widen two-lane facility from US-70 to NC-10		90,900,900	2-Lane	4-Lane	ROW in 2028 Construction in 2031
CATA-HD-9	H090325-B	35003	Catawba	U-2307B	29th Ave Dr NE	SR 1453 (SPRINGS ROAD) TO NC 127	3.2	74,400,000	2-Lane	4-Lane	ROW in 2025 Construction in 2028
CATA-HD-10	N/A	N/A	Catawba	C-5196	16th Street	16TH STREET (SANDY RIDGE ROAD) AT 21ST AVENUE NE IN HICKORY. CONSTRUCT ROUNDABOUT.	N/A	8,344,000	Intersection	Roundabout	ROW in 2023 Construction in 2025
CATA-LE-1	N/A	N/A	Catawba	HL-0002	4th Street Drive	SR 1358 (4TH STREET DRIVE SW) INTERSECTION IN HICKORY. CONSTRUCT INTERSECTION IMPROVEMENTS.	N/A	500,000	Intersection	Improvements	Construction in 2022
CATA-HR-2	H129056-A H129056-B	25009	Catawba	R-3100 A&B	NC-16	Widen to four-lane divided facility from SR 1895 (Tower Road) to SR 1801 Claremont Road southeast of Newton.	9.1	42,510,000	2-Lane	4-Lane Divided	Construction in 2021
CATA-HR-15	NA	50065	Catawba	N/A	NC-127 South	Widen to multi-lane (from Huffman Farm Rd (SR 1132) to Hwy 10).	.90 miles	18,587,208	2 lane	Multi-Lane	ROW in 2025 and Construction in 2027

Chart B: 2040 Highway Projects

MTP ID	SPOT ID	MODEL ID	County	STIP	Project Name	Project Description	Project Length	Cost	Existing Facility	Proposed Facility	Status
MULT-HS-4	H150309	45003	Catawba & Iredell	N/A	I-40	Widen from four-lane facility to six-lane facility from I-77 in Iredell County line to NC 16	7.8	202,152,000	4-Lane Divided	6-Lane Divided	Unfunded
MULT-HR-4	H090126	35002	Burke & Caldwell	R-2549	US 64 - NC 18 (Morganton Blvd)	Widen to four-lane divided facility from Rocky Road (SR 1143) in Gamewell to US 64 in Morganton.	8	50,706,000	2-Lane	4-Lane Divided	Unfunded
ALEX-HR-4	H090090	35018	Alexander	U-6151	NC-16	Catawba River to US 64. Upgrade to include 4 ft paved shoulders and the addition of left turn lanes at select locations and rumble strips (Modernization)	6.2	78,500,000	2-Lane	2-Lane Improved	Unfunded
ALEX-HR-5	N/A	New Project	Alexander	N/A	NC-16 / Millersville Road	Construct Intersection Improvements	N/A	2,657,781	2-Lane	Improve Intersection	Unfunded
BURK-HS-1	H141130	Not Modeled	Burke	I-5874	I-40 / Jamestown Road	Interchange upgrade	N/A	33,200,000	Interchange	Improved	Unfunded
BURK-HS-2	H141131	Not Modeled	Burke	I-5875	I-40/SR 1712 (Drexel Rd) Exit 107	Interchange upgrade	N/A	29,300,000	Interchange	Improvements	Funded for PE
BURK-HS-3	H090042	Not Modeled	Burke	I-5009	I-40/US 64 (Burkement Rd) Exit 103	Interchange Upgrade	N/A	48,700,000	Interchange	Improvements	Unfunded
BURK-HS-4	H141132	25015	Burke	I-5008	I-40/SR 1734 (Carolina St SE/SR 4826) Exit 111	Revise Interchange	N/A	37,400,000	Interchange	Revision	Funded for PE
BURK-HS-5	N/A	Not Modeled	Burke	I-5975	I-40/SR 1744 (Mineral Springs Mountain Road	SR 1744 (MINERAL SPRINGS MOUNTAIN ROAD)/SR 1744 (ELDRD STREET SE) - EXIT 112. CONSTRUCT INTERCHANGE IMPROVEMENTS.	N/A	7,960,000	Interchange	Improvements	Unfunded
IURK-HD-2	H170849		Burke	R-3430A	Malcolm Boulevard	US 70 to Catawba River	N/A	31,600,000	4-Lane Divided	4-Lane	Unfunded
BURK-HS-6	H141133	Not Modeled	Burke	I-5971	I-40 / Old NC Hwy 10	Interchange Improvements	N/A	23,000,000	Interchange	Improvements	Unfunded
CALD-HS-5	H090474-B	35005	Caldwell	U-4700B	US-321	Widen/Superstreet from US 321-A in Granite Falls to Mission Road (SR 1108)	5.5	96,500,000	4-Lane Divided	6-Lane Divided	Unfunded
CALD-HS-6	H090474-C	35006	Caldwell	U-4700C	US-321	Widen/Superstreet from Mission Road (SR 1108) to Southwest Blvd (SR 1933)	7.1	19,000,000	4-Lane Divided	6-Lane Divided	Unfunded
CALD-HD-7	H171402	35024	Caldwell	N/A	Dry Ponds Rd (SR 1115)	Improve Dry Ponds Rd from Sawmills to Pinewood Rd. New location from Pinewood Rd to US 321 A	5.7	18,000,000	2-Lane	2-Lane Upgrade with part new	Unfunded
CALD-HD-8	H170874	35025	Caldwell	N/A	Pleasant Hill Road (SR 1159)	Improve Pleasant Hill Rd from Connelly Springs Rd to US 321 A	2.21	3,537,000	2-Lane	2-Lane Improved	Unfunded
CALD-HD-26	H172355	N/A	Caldwell	N/A	Southwest Boulevard	Develop Feasibility Study for the US 321 bypass loop.	7.98	200,000	Multi-Lane	Multi-Lane	Unfunded

Chart B-2: 2040 Highway Projects

CATA-HD-55	H141146	50218	Catawba	N/A	Rock Barn Rd (SR 1709)	Improve Rock Barn Rd from 1st St East to I-40	1	15,917,000	2-Lane	3-Lane	Unfunded
CATA-HS-2	H150309	35050	Catawba	I-5991A	I-40	Widen from four-lane facility to six-lane facility from US 321 to Fairgrove Church Rd	7.8	69,900,000	4-lane divided	6-lane divided	Funded for PE
CATA-HS-3	H141142	45004	Catawba	I-5991B	I-40	Widen I-40 from Exit 128 (Fairgrove Church Rd) to 132 (NC 16)	3.54	90,800,000	4-Lane Divided	6-Lane Divided	Unfunded
CATA-HD-13	N/A	N/A	Catawba	U-6176	SR-1453	9TH AVENUE NE TO SR 1504 (CHARLOTTE STREET). CONSTRUCT ACCESS MANAGEMENT IMPROVEMENTS	N/A	49,600,000	4-Lane Divided	Improvements	Funded for PE
CATA-HR-1	H141144	25005	Catawba	N/A	US-321 Business	"US-321B: Improve traffic flow from N. Carolina Ave (US-321B) to S Main Ave."	0.49	8,500,000	2-Lane	2-Lane Intersection Realignment	Unfunded
CATA-HR-2	N/A	N/A	Catawba	U-6135	NC-127	8TH AVENUE NORTHEAST TO SR 1327 (30TH AVENUE NORTHWEST). CONSTRUCT ACCESS MANAGEMENT IMPROVEMENTS.	N/A	49,099,000	5-Lane	5-Lane Improved	Unfunded
CATA-HD-7	H170887	35200	Catawba	N/A	Fairgrove Church Road	Widen Fairgrove Church Rd from I-40 to Tate Boulevard to a 4-lane divided roadway	1	27,695,000	3-Lane	4-Lane Divided	Unfunded
CATA-HD-8	N7A	35013	Catawba	N/A	Lap Road	Improve and extend Lap Road from Rock Barn Road to NC 16.	1.3	12,000,000	2-Lane	Multi-Lane	Unfunded
CATA-HD-15	H090334	45010	Catawba	U-2529	Newton Conover Loop Western Portion	Widen Fairgrove Church Rd. (SR 1476) and extend new roadway south to NC 10 West in Newton and new roadway north to Section House Rd. (SR 1491).	7	100,000,000	Portion 3 Lane; 5 Lane	4-Lane; 5 Lane	Unfunded
CATA-HD-10	H170563	35043	Catawba	U-3450	Newton Conover Loop Southern Portion	Construct multi-lane facility from NC 10 southwest of Newton to NC 16 via "p" St. Portion on new location.	3.6	50,679,000	None	2-Lane	Unfunded
CATA-HD-13	N/A	35044	Catawba	N/A	Centennial Western Claremont Loop	Construct new two lane facility on new location (from N. Oxford to US 70)	1.19	15,632,000	None	2-Lane	Unfunded
CATA-HD-11	N/A	35034	Catawba	N/A	Punch Loop Road and Extension East	Construct two-lane facility on new location (from County Home Rd to Fairgrove Church Rd) and upgrade 10th St. Pl W.	2.5	13,102,000	None	2-Lane	Unfunded
CATA-HD-6	N/A	35011	Catawba	N/A	17th St SW	Widen to 3-lane from US 70 to 2nd Avenue NW	0.38	3,500,000	2-Lane	3-Lane	Unfunded
CATA-HD-55	N/A	35016	Catawba	N/A	17th St NW	Improve 17th St NW from 2nd Ave NW to 9th Ave NW	0.17	1,540,000	2-Lane	2-Lane Improvement	Unfunded
CATA-HD-70	N/A	N/A	Catawba	N/A	County Home Road	Modernize County Home Road from NC-16 to Northern Drive to include: 1st Ave N (NC 16B) and 10th Street NW intersection upgrade, bridge replacement, bike lanes, and sidewalks	1.6	27,016,422	2-Lane	2-Lane Improved	Unfunded
CATA-HD-71	N/A	N/A	Catawba	N/A	1st Street West	Widen from I-40 to NC-16	0.8	12,462,000	2-Lane	4 Lane	Unfunded
CATA-HD-12	H090315-A	35033	Catawba	R-5113	Startown Road (SR 1005)	Widen two-lane facility from US-70 to NC-10		90,900,900	2-Lane	4-Lane	ROW in 2028 Construction in 2031
CATA-HR-6	H170895	35007	Catawba	N/A	NC 127	Convert 8th Ave NE to 30th Ave NW to 4 Lane divided with Sidewalks	2.1	49,099,000	5-Lane	4-Lane	unfunded

Chart C: 2050 Highway Projects

MTP ID	SPOT ID	MODEL ID	County	STIP	Project Name	Project Description	Project Length	Cost	Existing Facility	Proposed Facility	Status
MULT-HS-3	H172232	45001	Burke & Catawba	N/A	I-40 Division 12 & 13	Widen from four-lane facility to six-lane facility (US 321 - Exit 123 to Old NC 10 (SR 1761) in Burke NC 127 to Grace Chapel (SR 1751) Modernization with some new location	7.3	97,108,000	4-Lane	6-Lane	Unfunded
MULT-HD-1	N/A	45002	Alexander & Caldwell	R-2918	Hubbard Rd (SR 1143) / Shiloh Church Road (SR 1208)/	Modernize bridge and roadway from Powerhouse Road to Burke County line in Rhodhiss	3.64	29,850,000	2-Lane	2-Lane	Unfunded
MULT-HD-4	N/A	N/A	Burke & Caldwell	NA	Caldwell Street	Upgrade roadway from NC 18 to west of SR 1313 (Three Forks Church Rd) in Alexander County.	0.49	6,939,763	2-Lane	2-Lane	Unfunded
Mult-HR-2	H090127	35020	Alexander & Caldwell	R-2550	US 64-NC 90	Upgrade two-lane facility from US 64 to the Wilkes County line to include 4 ft paved shoulders and the addition of left turn lanes at select locations and rumble strips (Modernization)	18.2	14,650,000	2-Lane	2-Lane	Unfunded
Alex-HR-4	H090090	35018	Alexander	R-2403B	NC-16	Upgrade two-lane facility from US 64 to the Wilkes County line to include 4 ft paved shoulders and the addition of left turn lanes at select locations and rumble strips (Modernization)	6.2	6,794,000	2-Lane	2-Lane with LHTL	Unfunded
Alex-HD-3	H184907	N/A	Alexander	N/A	Rink Dam Rd (SR 1137) and Friendship Church Rd (1134)	Modernize roadway between NC 16 and NC 127	8.4	19,764,000	2-Lane	2-Lane Improvements	Unfunded
Alex-HD-4	N/A	N/A	Alexander	N/A	Teague Town Road	Modernize from Church Road to NC-127	6.02	7,342,151	2-Lane	2-Lane Improvements	Unfunded
Alex-HD-4	N/A	N/A	Alexander	N/A	Alspaugh Dam Road	Modernize from NC-16 to Church Road	2.3	2,804,451	2-Lane	2-Lane Improvements	Unfunded
Alex-HD-4	N/A	N/A	Alexander	N/A	Church Road	Modernize from Alspaugh Dam Road to Rink Dam Road	2.24	2,731,963	2-Lane	2-Lane Improvements	Unfunded
BURK-HD-22	N/A	N/A	Burke	N/A	Cape Hickory Road	Construct intersection improvements at Burke Street	N/A	2,165,599	Intersection	Intersection Improved	Unfunded
BURK-HR-23	H111253	Not modeled	Burke	U-5978	NC-181	SR 1440 TO SR 1419. WIDEN TO 3-LANES.	1	22,910,000	2-Lane	3-Lane	Unfunded
Burk-HR-4	H141134	35021	Burke	N/A	NC-126	Independence Blvd (SR 1304) to Watermill Rd (SR 1250) construct wide outside shoulders and modernize roadway	3.3	23,100,000	2-Lane	2-Lane Improvements	Unfunded
Burk-HS-8	N/A	Not Modeled	Burke	N/A	I-40 / Causby Road Exit 98	Upgrade Interchange and Remove two Way Traffic	N/A	5,000,000	Interchange	Interchange Improvements	Unfunded
Burk-HR-5	H141135	35022	Burke	N/A	NC-126	Watermill Rd (SR 1250) to Fish Hatchery (SR 1254) widen curves and add paved shoulders with re-alignment	6.6	31,300,000	2-Lane	2-Lane Improvements	Unfunded
Burk-HD-4	H141136	45019	Burke	N/A	Johnson Bridge Road	Improve Johnson Bridge Road (SR 1803) from Old NC 10 to George Hildebran School Road	4	5,604,000	2-Lane	2-Lane Improvements	Unfunded
Burk-HD-3	N/A	45015	Burke	N/A	Miller Bridge Road	Improve Miller Bridge Road (SR 1786) from Shoupes Grove Church Road (SR 1785) to I-40.	0.71	884,000	2-Lane	2-Lane Improvements	Unfunded
Burk-HD-5	N/A	45014	Burke	N/A	Tex's Fish Camp Rd (SR 1627) – Old NC 10 (SR 1761) Connector (Burke County).	Construct two-lane facility on new location from US 70 to Old NC 10 (SR 1761).	0.57	5,390,000	None	2-Lane	Unfunded
CALD-HD-27	H141139	N/A	Caldwell	N/A	Abington Rd (SR 1310)	Harper Rd to Cheraw Rd modernize	2.7	4,547,000	2-Lane	2-Lane Improvements	Unfunded

Chart C-2: 2050 Highway Projects

CALD-HD-8	H141140	N/A	Caldwell	N/A	Dudley Shoals Rd (SR 1002)	Modernize from US 321 to northeast	5.3	11,687,000	2-Lane	2-Lane Improvements	Unfunded
CALD-HD-29	H141141	N/A	Caldwell	N/A	Grace Chapel Rd (SR 1751)	Modernize from US 321 to northeast	5	10,895,000	2-Lane	2-Lane Improvements	Unfunded
CALD-HD-10	N/A	45009	Caldwell	N/A	Orchard Drive	Improve Orchard Drive (SR 1146) by widening and align intersection of Orchard Drive with Crump Road (SR 1929) at Clark's Chapel Road.	1.37	1,713,000	2-Lane	2-Lane	Unfunded
CALD-HD-9	N/A	45016	Caldwell	N/A	Crump Road Extension	New location from Crump Rd (SR 1929) to Rocky Road	0.58	3,710,000	None	2-Lane	Unfunded
CALD-HD-11	N/A	45040	Caldwell	N/A	Pinewood Road Extension	Dudley Shoals Rd (SR 1002) to Wilke Rd (SR 1753) on new location	1	17,203,000	None	2-Lane	Unfunded
CALD-HR-12	N/A	N/A	Caldwell	N/A	US 64/NC-18	From US-321 to Taylorsville Road. Construct access management improvements	1.41	44,210,000	5-Lane	5-Lane	Unfunded
CATA-HR-8	H141145	45005	Catawba	N/A	NC 16	Modernize from I-40 to Springs Road.	7.87	60,168,000	2-Lane	2-Lane Improved	Unfunded
CATA-HR-8	^	^	Catawba	N/A	NC 16	Modernize from Springs Road to Catawba River	1.94	14,832,000	2-Lane	2-Lane improved	Unfunded
CATA-HD-70	H141147	N/A	Catawba	N/A	Conover Startown Road	Realign offset intersection at St. Paul's Church	N/A	7,560,000	Intersection	Intersection Improved	Unfunded
CATA-HD-17	N/A	45020	Catawba	N/A	Providence Mill Road (SR 1810)	Intersection improvements at Providence Mill Road (SR 1810), East Maiden Road and US 321-B.	N/A	1,500,000	Intersection	Intersection Improved	Unfunded
CATA-HD-84	N/A	N/A	Catawba	N/A	Slanting Bridge Road / Sherrill's Ford Road	Construct intersection improvements	N/A	2,165,599	Intersection	Intersection Improved	Unfunded
CATA-HR-9	N/A	50220	Catawba	N/A	US 321 / Rocky Ford Road	Construct Interchange	N/A	27,016.42	None	Interchange	Unfunded
Cata-HS-52	N/A	50068	Catawba	N/A	Robinson Road	Extend new two lane roadway to Rocky Ford Road	3.5	60,331,644	None	2-Lane	Unfunded
CATA-HD-38	N/A	50046	Catawba	N/A	Conover Startown Road Extension (SR 1149)	Widen to multi-lane (from Conover-Startown Road to Section House Road).	2.46	64,871,529	2-Lane	Multi-Lane	Unfunded
CATA-HR-75	N/A	N/A	Catawba	N/A	Hickory Lincolnton Highway / Zion Church Road / US 321	Construct Intersection Improvements	N/A	2,707,000	Intersection	Improvements	Unfunded
CATA-HD-18	N/A	N/A	Catawba	N/A	Rosenwald School Street	Redesign Intersection	N/A	3,898,080	Intersection	Improvements	Unfunded
CATA-HD-86	N/A	N/A	Catawba	N/A	US 70 / N. Oxford Road	Construct Intersection Improvements	N/A	2,165,599	Intersection	Improvements	Unfunded

Chart D: Fiscally Constrained Bicycle and Pedestrian Projects

STIP ID	Project Description	Cost Estimate	Notes
BL-0002	Construct pedestrian crossing improvements from SR 1952 (Cedar Valley Road) to SR 1156 (Legion Road)	\$544,000	ROW and Construction 2023
EB-5911	9th Street NW to Hickory Water Plant. Construct multi-use path.	\$9,328,000	ROW in 2021 Construction in 2023
EB-5935	Construct sidewalk along Centennial Boulevard from North Lookout Street to Main Street	\$600,000	Construction in 2022
EB-5937	Book Walk. Construct multi-use path from City Walk to Ridgeview Library.	\$2,156,000	Construction in 2022
EB-5938	Book Walk South. Construct multi-use path from Ridgeview Library to Walmart.	\$3,250,000	Construction in 2022
EB-5939	City Walk to Old Lenoir Road at city-owned property to end of proposed Rosales Bridge.	\$6,500,000	Construction in 2023
EB-5977	City Walk to Old Lenoir Road in Hickory. Construct multi-use trail along 9th ST NW.	\$1,568,000	Construction in 2023
EB-5978	North Green Street to US 70 in Morganton. Construct multi-use path.	\$3,000,000	Construction in 2024
EB-6038	Construct multi-use trail from Old Lenoir Road multi-use trail to Hickory Regional Airport along Clement Boulevard, 13th Ave DR NW, and 19th St Lane NW (includes construction of bicycle and pedestrian bridge over US 321) and construct multi-use trail from 9th Street.	\$21,930,000	Construction in 2021
EB-5827	Construct bicycle and pedestrian facility from the intersection of Laurel Ridge Court and North Powerhouse Road to the proposed Harris Whisnant Trailhead at the intersection of Harry Whisnant Road and Cobb Road.	\$626,000	ROW in 2023
BL-0001	Main Ave. East (sidewalk from 2nd St SE to US 70 in Hildebran) – connects residential neighborhoods to the downtown area (food and recreation) and nearby commercial services.	\$520,000	ROW and Construction 2023
EB-5807	Morganton downtown greenway connector – multi-use path that connects the Catawba River Greenway on the west side of US 64 to an existing section of the downtown greenway at the intersection of College Street and NC 181.	\$1,619,000	Construction in 2021
BL-0065	Lenoir Greenway – extend the existing multi-use path from Harper Ave. to Morganton Blvd.	\$2,168,000	ROW in 2024 and Construction in 2025
EB-5806	Hospital Ave. Sidewalk – construct sidewalk along Hospital Ave. from Harper Ave. to Blowing Rock Blvd. (U.S. 321).	\$1,120,000	Construction in 2022
BL-0067	Aviation Walk Connector – extend the existing multi-use path from Clement Blvd. to 17th Street NW.	\$2,000,000	ROW in 2024 and Construction in 2025
EB-5828	Centennial Blvd. – construct sidewalk from North Oxford St. to N. Lookout St.	\$572,000	ROW in 2022 and Construction in 2023
EB-5750	Main Ave. NW/NE (7th Ave NE to 9th St NW) – City Walk connects Hickory neighborhoods to downtown Hickory, SALT Block, parks, and Lenoir-Rhyne University	\$14,100,000	Construction in 2020
BL-0068	Island Ford Road sidewalk extension – extend sidewalk from Don's Grill along Island Ford Road.	\$1,755,000	ROW in 2025 and Construction in 2027
BL-0066	Construct a sidewalk on Springs Road NE from Sandy Ridge Road to McDonald Parkway.	\$3,000,000	ROW in 2024 and Construction in 2025
C-5624	Improve safety and promote use of non-motorist travel on 1st Street E/W and Conover Blvd. East (U.S. 70) from I-40 to N.C. 16.	\$2,654,000	Construction in 2024