

5. Financial Plan

Federal law (23 USC 134) requires the 2045 MTP to be fiscally-constrained. This requires that the cost of all recommended transportation projects be covered by all transportation revenues reasonably expected to be available during the 30-year period of this plan. The Financial Plan provides a comparison of expected revenues and costs from 2018 through 2045.

The 2045 MTP divides projects into three time periods:

- 2018 to 2025 = Horizon-Year 2025
- 2026 to 2035 = Horizon-Year 2035
- 2036 to 2045 = Horizon-Year 2045

Revenue for the MTP was projected by taking the average of total regional funding in the first five years of the current TIP (FY 2018-2027), then growing that average annually by 3% for each subsequent year. Using this projection as a fiscal constraint, the full MTP project recommendations must total less than the following amounts:

- \$ 918,659,530 = Horizon-Year 2025 (2018-2025)
- \$1,266,450,173 = Horizon-Year 2035 (2026-2035)
- \$1,745,909,109 = Horizon-Year 2045 (2036-2045)

Table 5-1 Highway Revenue Projections by Funding Source

Highway Program	2025	2035	2045
CMAQ	\$ 8,197,530	\$ 11,300,991	\$ 15,579,376
HP	\$ 9,614,000	\$ 13,253,715	\$ 18,271,372
HSIP	\$ 1,264,000	\$ 1,742,531	\$ 2,402,227
NHP	\$ 221,816,000	\$ 305,792,192	\$ 421,560,504
NHPB	\$ 14,567,000	\$ 20,081,847	\$ 27,684,531
NHPIM	\$ 57,400,000	\$ 79,130,774	\$ 109,088,492
STBG	\$ 178,170,000	\$ 245,622,475	\$ 338,611,440
S	\$ 262,000	\$ 361,189	\$ 497,930
S(E)	\$ 124,000	\$ 170,945	\$ 235,662
S(M)	\$ 4,462,000	\$ 6,151,246	\$ 8,480,015
STPDA	\$ 420,000	\$ 579,006	\$ 798,208
T	\$ 350,315,000	\$ 482,938,976	\$ 665,772,388
Total Highway	\$ 846,611,530	\$ 1,167,125,887	\$ 1,608,982,146

Table 5-2 Bicycle and Pedestrian Revenue Projections by Funding Source

Bike-Ped Program	2025	2035	2045
STBGDA	\$ 51,027,000	\$ 70,345,053	\$ 96,976,629
STBDDA(S)	\$ 619,000	\$ 853,344	\$ 1,176,407
TAP	\$ 732,000	\$ 1,009,124	\$ 1,391,163
TAPDA	\$ 3,860,000	\$ 5,321,338	\$ 7,335,916
Total Bike-Ped	\$ 56,238,000	\$ 77,528,859	\$ 106,880,115

Table 5-3 Transit Revenue Projections by Funding Source

Transit Program	2025	2035	2045
FBUS	\$ 360,000	\$ 496,291	\$ 684,179
FEPD	\$ 667,000	\$ 919,516	\$ 1,267,631
FUZ	\$ 13,007,000	\$ 17,931,254	\$ 24,719,756
JARC	\$ 552,000	\$ 760,979	\$ 1,049,074
SMAP	\$ 1,224,000	\$ 1,687,388	\$ 2,326,208
Total Transit	\$ 15,810,000	\$ 21,795,428	\$ 30,046,848
Total Revenue	\$ 918,659,530	\$ 1,266,450,173	\$ 1,745,909,109

The 2045 MTP uses the following hierarchy for estimating project costs. For example, the TIP cost was used for projects in the TIP, but if none is available (or the project is not yet in the TIP), then the SPOT cost was used, and so on:

- FY 2018-2022 State Transportation Improvement Program (STIP)
- Strategic Planning Office of Transportation (SPOT)
- Project cost estimates from NCDOT

Table 5-4 Total Highway Project Costs by Horizon

MTP Horizon	Projected Highway Revenue	Recommended MTP Projects Estimated Cost
2025	\$846,611,530	\$508,625,000
2035	\$1,167,125,887	\$786,423,000
2045	\$1,608,982,146	\$1,120,522,000

The following charts detail individual highway projects recommended by horizon year:

- Chart A (Green) = Horizon-Year 2025
- Chart B (Purple) = Horizon-Year 2035
- Chart C (Orange) = Horizon-Year 2045

Every project has a unique MTP ID comprised of a four-letter county code:

- MULT = Project within multiple counties
- ALEX = Alexander County
- BURK = Burke County
- CALD = Caldwell County
- CATA = Catawba County

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

- HS = Highway Strategic (I-40 & US-321)
- HR = Highway Regional (other US & NC numbered routes)
- HD = Highway Divisional (all other roadways including SR routes)

**Greater Hickory Urban Area Financial Plan for the 2018-2045 Transportation Plan
Horizon Year 2025
(Funded Projects or in NCDOT 10 Year State Transportation Improvement Program (STIP))**

MTP ID	SPOT ID	New Model P1ID#	County	STIP #	Notes	Project Name	Project Description	Project Length	Future Year Cost	Existing Facility Description	Proposed Facility Description	Functional Classification	Regional Significance	Status
MULT-HS-1	NA	25002	Caldwell & Watauga	R-2237	Under Const. 2021	US 321	Widen to multi-lane facility from Blackberry Road to US 221 in Blowing Rock (Section B)	15.3 mi.	\$50,400,000	2-lane	4-lane	Principal Arterial	Yes	Under Const.
MULT-HS-2	H090474-A	25012	Burke, Caldwell & Catawba	U-4700A	2018 - 2024	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),	\$66,397,000	4-lane	6-lane divided/Super street	Freeway/ Expressway	Yes	ROW 2018; Start Const. 2020
MULT-HR-1	H090084-B	Not in model area	Catawba & Iredell	R-2307B	ROW 2017 Const 2019-2022	NC 150	US 21 in Iredell County to east of SR 1840 (Greenwood Road) in Catawba County	0.63 mi. in Catawba County	\$50,845,000	2-lane	4-lane	Minor Arterial	Yes	ROW 2017 Const 2019-2022
MULT-HR-2	H090244-A	25018	Alexander & Catawba	R-3603A	ROW 2021 Const 2023-2024	NC 127 North	Upgrade existing facility to multi-lanes from Cloninger Mill Rd (SR 1400) in Hickory to SR 1156 (Richey Rd) in Alexander & Catawba County	3 mi (Alexander), 0.7 (Catawba)	\$30,700,000	2-lane	4-lane divided with new bridge	SR 1400 to SR 1146 is Minor Arterial; SR	Yes	ROW 2021 Const 2023-2024
ALEX-HR-1	H140397	NA-not captured in a TDM	Alexander	U-6041	ROW 2021/Const 2023	US 64	US 64 and Church Rd SR 1124 (Add left turn lane on westbound US 64/NC 90	NA	\$400,000	2-lane	2-lane	Principal Arterial	Yes	ROW 2021/Const 2023
ALEX-HR-2	H140391	NA-not captured in a TDM	Alexander	R-5762	ROW 2018/Const 2019	NC 16	NC 16/SR 1609 (County Home Road) Add turn lanes	NA	\$235,000	2-lane	2-lane	Principal Arterial	Yes	ROW 2018/Const 2019
ALEX-HR-3	H141917	NA	Alexander	U-6040	ROW 2021/Const 2023	NC 127	NC 127/SR 1146 (Bethlehem School Rd) Add turn lane	NA	\$450,000	2-lane	2-lane	Principal Arterial	Yes	ROW 2021/Const 2023
ALEX-HD-1	H150323	NA-not captured in a TDM	Alexander		2025	Sulphur Springs Rd (SR 1001)	NC 90 to Lackey Rd (SR 1503) upgrade and modernize roadway	1.03	\$1,980,000	2-lane	2-laned improvement	Arterial	No	Unfunded
BURK-HS-1	H141130	NA-not captured in a TDM -	Burke	I-5874	ROW 2018/Const 2020	I-40/SR 1142 (Jamestown Rd) Exit 100	Interchange upgrade	NA	\$2,425,000	Interchange	Interchange Improvements	Freeway	Yes	ROW 2018/Const 2020
BURK-HS-2	H090042	NA-not captured in a TDM -	Burke	I-5009	ROW 2019/Const 2020	I-40/US 64 (Burkemont Rd) Exit 103	Interchange upgrade	NA	\$1,410,000	Interchange	Interchange Improvements	Freeway	Yes	ROW 2019/Const 2020
BURK-HS-3	H150286	NA-not captured in a TDM -	Burke	I-5875	ROW 2020/Const 2022	I-40/SR 1712 (Drexel Rd) Exit 107	Interchange upgrade	NA	\$18,400,000	Interchange	Interchange Improvements	Freeway	Yes	ROW 2020/Const 2022
BURK-HS-4	H090041	25015	Burke	I-5008	ROW 2019/Const 2020	I-40/SR 1734 (Carolina St SE/SR 1826) Exit 111	Revise Interchange	NA	\$3,610,000	Interchange	Interchange Improvements	Freeway	Yes	ROW 2019/Const 2020
BURK-HS-5	H150286	NA-not captured in a TDM -	Burke	I-5975	ROW 2020/Const 2022	I-40/SR 1744 (Mineral Springs Mountain Rd/SR 1744 (Eldred St SE)-Exit	Interchange improvements	NA	\$18,400,000	Interchange	Interchange Improvements	Freeway	Yes	ROW 2020/Const 2022
BURK-HS-6	H150287	NA-not captured in a TDM -	Burke	I-5971	ROW 2020/Const 2022	I-40/SR 1761 (Old Hwy NC 10)-Exit 116	Upgrade interchange and remove two-way traffic	NA	\$12,400,000	Interchange	Interchange Improvements	Freeway	Yes	ROW 2020/Const 2022
BURK-HS-7	H150288	NA-not captured in a TDM -	Burke	I-5990	ROW 2021/Const 2023	I-40/SR 1761 (Old Hwy NC 10)-Exit 118	Upgrade interchange and remove two-way traffic	NA	\$13,500,000	Interchange	Interchange Improvements	Freeway	Yes	ROW 2020/Const 2022

**Greater Hickory Urban Area Financial Plan for the 2018-2045 Transportation Plan
Horizon Year 2025
(Funded Projects or in NCDOT 10 Year State Transportation Improvement Program (STIP))**

MTP ID	SPOT ID	New Model P1ID#	County	STIP #	Notes	Project Name	Project Description	Project Length	Future Year Cost	Existing Facility Description	Proposed Facility Description	Functional Classification	Regional Significance	Status
BURK-HR-1	H170566	NA-not captured in a TDM	Burke		2025	West Flemming at US 70/64	US 70 (West Flemming Dr)/Burkemont Ave - Construct turn lanes on US 70 to US 64.	NA	\$558,000	Turn lanes	Add two left turn lanes	Major Arterial	Yes	Unfunded
BURK-HR-2	NA	25003	Burke	U-2550	Completed 2016	NC 18 (South Sterling St)	Widen to five-lane with curb and gutter from Fleming Drive to I-40 and upgrade Interchange 105.	2.1 mi.	\$41,540,000	5-lane	5-lane	Principal Arterial	Yes	Completed
BURK-HR-3	H111253	25020	Burke	U-5978	2025	NC 181	Widen NC 181 from SR 1440 (Spainhour Rd) to 1419 (Bost Rd) to multi-lane lanes	1.5 mi.	\$18,400,000	2-lane	Multi-lane	Principal Arterial / Major Arterial	Yes	Unfunded
BURK-HD-1	NA	25004	Burke	U-2551	Completed 2017	Enola Road (SR 1922/1924)	Widen SR 1922/SR 1924 to multi-lane facility from SR 2026 to NC 18 and upgrade Interchange 104.	2.0 mi.	\$14,000,000	2-lane	35015	Minor Arterial	Yes	Completed
BURK-HD-2	H170849		Burke		2021	Malcolm Blvd (SR 1001)	Prepare feasibility study to multi-lane SR 1001 (Malcolm Boulevard) from the Catawba River (Lake Rhodhiss) to US 70. This project should be coordinated with STIP	NA	\$2,000,000	2-lane	4-lane divided	Minor Arterial	No	Unfunded
CALD-HS-1	H142036	Not modeled	Caldwell	U-4700CA	ROW 2018/Const 2019	US 321	US 321 at Mount Herman Rd (SR 1160)	NA	\$2,170,000	4-lane divided	Interchange Improvements	Freeway/Expressway	Yes	ROW 2018/Const 2019
CALD-HS-2	H150299	Not modeled	Caldwell	U-4700CB	ROW 2018/Const 2019	US 321	US 321 at Pine Mountain Rd (SR 1809/1952)	NA	\$2,700,000	4-lane divided	Interchange Improvements	Freeway/Expressway	Yes	ROW 2018/Const 2019
CALD-HS-3	H150327	Not modeled	Caldwell	U-4700CC	ROW 2018/Const 2019	US 321	US 321 at Mission Rd (SR 1108)	NA	\$2,750,000	4-lane divided	Interchange Improvements	Freeway/Expressway	Yes	ROW 2018/Const 2019
CALD-HS-4	H171548	Not modeled	Caldwell		2025	US 321	Construct a southbound on-ramp from Dudley Shoals Rd (SR 1002) onto US 321	NA	\$20,600,000	At-grade intersection	Partial interchange	Freeway/Principal Arterial	No	Unfunded
CALD-HR-1	H141105	Not modeled	Caldwell	U-5776	Const 2018	US 321-A	At Duke St (SR 1106)	NA	\$3,396,000	2-lane	Intersection Improvements	Principal Arterial	Yes	Const. 2018
CALD-HR-2	H090340	25001	Caldwell	U-6034	ROW-2022/Const-2024	US 321-A	Pinewood Road (SR 1109) to Duke Street (SR 1106)	1.4 mi.	\$0	2-lane	2-lane	Minor Arterial	No	Feasibility Study Re-evaluation in
CALD-HR-3		Not Modeled	Caldwell	U-6033	ROW - 2019/Const-2020	US 64/NC 18-Calico Road	Intersection Improvements	NA	\$1,000,000	2-lane	2-lane	Principal Arterial	Yes	ROW - 2019/Const-2020
CALD-HR-4		Not Modeled	Caldwell	R-5745	Under Const. 2018	US 64/NC 90/NC 18 (Wilkesboro Blvd)	Intersection Improvements	0.3	\$1,225,000	2-lane	2-lane	Principal Arterial	Yes	Under Const.
CALD-HD-1		Not Modeled	Caldwell	U-6035	ROW-2018/Const-2019	Dudley Shoals Road (SR 1002)	Construct Roundabout at five-points intersction	0.3	\$1,030,000	2-lane	2-lane	Minor Arterial	No	ROW-2018/Const-2019
CALD-HD-2	H141095	25014	Caldwell	U-6036	ROW 2020/Const-2022	Pinewood Rd (SR 1109)	US 321 to SR 1931 (Bert Huffman Rd) modernization	0.6	\$6,350,000	2-lane	2-lane	Minor Arterial	No	ROW 2020/Const-2022

**Greater Hickory Urban Area Financial Plan for the 2018-2045 Transportation Plan
Horizon Year 2025
(Funded Projects or in NCDOT 10 Year State Transportation Improvement Program (STIP))**

MTP ID	SPOT ID	New Model P1ID#	County	STIP #	Notes	Project Name	Project Description	Project Length	Future Year Cost	Existing Facility Description	Proposed Facility Description	Functional Classification	Regional Significance	Status
CATA-HS-1		NA - not modeled as it won't	Catawba	I-5716	2020	I-40 Exit 125 (Lenoir Rhyne Blvd/SR 1007)	Add clover ramp in northeast quadrant		\$1,160,000			Freeway	Yes	Const. 2020
CATA-HR-1	H170890	25005	Catawba		2025	US 321-B	Realign US 321-B at West Main Street to connect with South Main Avenue.	0.49	\$10,098,000	2-lane	Intersection realignment - 2-lane	Arterial	No	Unfunded
CATA-HR-2	H129056-A H129056-B	25009	Catawba	R-3100 A & B	2021	NC 16	Widen to four-lane divided facility from SR 1895 (Tower Road) to SR 1801 Claremont Road southeast of Newton.	9.1 mi.	\$54,876,000	2-lane	4-lane divided	Principal Arterial/ Minor Arterial	Yes	Section A R-O-W 2016-2017 Const.
CATA-HR-3	H141919	NA - not captured in a TDM	Catawba	U-5777	ROW-2019/Const 2020	NC 127	1st Ave SE to 2nd Ave SE. Add Turn Lanes	0.1	\$830,000	5-lane	5-lane	Principal Arterial	Yes	ROW-2019/Const 2020
CATA-HR-4	H090335-A	25011	Catawba	U-2530A	ROW 2021 Const 2023	NC 127	Widen to multi-lane from SR 1132 (Huffman Farm Rd) to SR 1008 (Zion Church Rd)	1.9	\$22,000,000	2-lane	4-lane	Principal Arterial	Yes	ROW 2021 Const 2023
CATA-HD-1	H170882	25008	Catawba		2025	17th Street NW Connector	Construct 2 Lane connector from 9th AveNW to Clement Blvd NW	0.17	\$1,540,000	NA	2-lane	Arterial	Yes	Unfunded
CATA-HD-2	H090332	25007	Catawba	U-6042	ROW 2022 Const 2024	33rd St SW (SR 1124) and 34th St NW	Realign intersection	0.1	\$2,500,000	2-lane	2-lane	Minor Arterial	Yes	ROW 2022 Const 2024
CATA-HD-3	H170665	25013	Catawba		2025	Springs Rd NE / 12th Ave NE (SR 1453)	From 9th Ave NE to Charlotte St (SR 1504) convert 5 lane to 4 lane divided facility with medians, turn lanes, and driveway consolidation	4.08	\$38,850,000	5-lane	4-lane divided	Principal Arterial	Yes	Unfunded
CATA-HD-4	H111309	25006	Catawba	U-5510	2021	Sweetwater Road Extension	New three-lane (from US 70 to Startown Road).	0.45 mi.	\$1,000,000	NA	3-lane	Collector	No	R-O-W 2016-2017 Const. 2017-2018

**Greater Hickory Urban Area Financial Plan for the 2018-2045 Transportation Plan
Horizon Year 2035**

MTP ID	SPOT ID	New Model P1ID#	County	STIP #	Notes	Project Name	Project Description	Project Length	Future Year Cost	Existing Facility Description	Proposed Facility Description	Functional Classification	Regional Significance	Status
MULT-HR-3	H090127	35020	Alexander & Caldwell	R-2550	2035	US 64 - NC 90	Upgrade roadway from NC 18 to west of SR 1313 (Three Forks Church Rd) in Alexander County.	18.2	\$14,650,000	2-lane	2-lane	Principal Arterial/ Minor Arterial_Rural	No	Unfunded
MULT-HR-4	H090126	35002	Burke & Caldwell	R-2549	2035	US 64 - NC 18 (Morganton Blvd)	Widen to four-lane divided facility from Rocky Road (SR 1143) in Gamewell to US 64 in Morganton.	8.0 mi.	\$50,706,000	2-lane	4-lane divided	Principal Arterial within Morganton and	Yes	Unfunded
ALEX-HR-4	H090090	35018	Alexander	R-2403A	2035	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 mi.	\$6,794,000	2-lane	2-lane improvement	Principal Arterial	Yes	Unfunded
ALEX-HR-5	H09244B	35004	Alexander	R-3603-B	2035	NC 127	Richey Rd (SR 1156) to US 64-NC 90 in Alexander County. Upgrade Two Lanes and Provide Some Multi-Lane Curb and Gutter.	7.08	\$7,554,000	2-lane	2-lane	Minor Arterial	Yes	Unfunded
BURK-HS-8	H150285	NA - TDM can't capture	Burke		2035	I-40/SR 1147 (Exit 98)	Exit 98 (Causby Rd) -Redesign interchange and remove two way traffic on ramp	NA	\$5,000,000	Interchange	Interchange Improvements	Freeway	Yes	Unfunded
BURK-HR-4	H171000	35021	Burke		2035	NC 126	Independence Blvd (SR 1304) to Watermill Rd (SR 1250) construct wide outside shoulders and modernize roadway	3.3	\$5,309,000	2-lane	2-lane Improvement s	Arterial	Yes	Unfunded
BURK-HR-5	H111251	35022	Burke		2035	NC 126	Watermill Rd (SR 1250) to Fish Hatchery (SR 1254) widen curves and add paved shoulders with re-alignment	6.6	\$10,267,000	2-lane	2-lane Improvement s	Arterial	Yes	Unfunded
CALD-HS-5	H090474-B	35005	Caldwell	U-4700B	2035	US 321	Widen/Superstreet from US 321-A in Granite Falls to Mission Road (SR 1108)	5.5 mi.	\$83,790,000	4-lane	4 or 6-lane divided/Super street	Freeway/ Principal Arterial	Yes	Unfunded
CALD-HS-6	H090474-C	35006	Caldwell	U-4700C	2035	US 321	Widen/Superstreet from Mission Road (SR 1108) to Southwest Blvd (SR 1933)	7.1	\$106,262,000	4-lane	4 or 6-lane divided/Super street	Freeway/ Principal Arterial	Yes	Unfunded
CALD-HD-5	H170870	35023	Caldwell		2035	Cajah's Mtn Rd	Improvements from Connelly Springs Rd (SR 1001) to 321A	3.38	\$7,559,000	2-lane	2-lane upgrade	Arterial	No	Unfunded
CALD-HD-6	H090235	35001	Caldwell	R-3430	ROW-2023 Const. 2025	Connelly Springs Road (SR 1001)	Widen to multi-lane facility from just north of Burke County line to SR 1933 (Southwest Blvd)	6.0 mi.	\$79,307,000	2-lane	4-lane divided	Minor Arterial	No	ROW-2023 Const. 2025
CALD-HD-7	H171402	35024	Caldwell		2035	Dry Ponds Rd (SR 1115)	Improve Dry Ponds Rd from Connelly Springs Rd to Pinewood Rd. New location from Pinewood Rd to US 321 A	5.79	\$18,000,000	2-lane	2-lane upgrade with part new	Arterial	No	Unfunded
CALD-HD-8	H170874	35025	Caldwell		2035	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 Improvement s	Arterial	No	Unfunded
CATA-HS-2	H150309	35050	Catawba	I-5991A	2035	I-40	Widen from four-lane facility to six-lane facility from US 321 to Fairgrove Church Rd	7.8 mi.	\$137,700,000	4-lane	6-lane divided	Principal Arterial - Interstate	Yes	Unfunded
CATA-HR-6	H170895	35007	Catawba		2035	NC 127	Convert 8th Ave NE to 30th Ave NW to 4 lane divided with sidewalks and left turn median openings	2.1	\$28,975,000	5-lane	4-lane divided	Principal Arterial	Yes	Unfunded
CATA-HR-7	H090084-A	Not in TDM region	Catawba	R-2307A	2035 (ROW 2025)	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 mi.	\$37,299,000	2-lane	4-lane	Minor Arterial	Yes	ROW - 2025

**Greater Hickory Urban Area Financial Plan for the 2018-2045 Transportation Plan
Horizon Year 2035**

MTP ID	SPOT ID	New Model P1ID#	County	STIP #	Notes	Project Name	Project Description	Project Length	Future Year Cost	Existing Facility Description	Proposed Facility Description	Functional Classification	Regional Significance	Status
CATA-HD-5		35016	Catawba		2035	17th Street NW	Improve 17th St NW from 2nd Ave NW to 9th Ave NW	.17 mi.	\$1,540,000	2-lane	2-lane improvement	Arterial	No	Unfunded
CATA-HD-6		35011	Catawba		2035	17th Street SW (SR 1739)	Widen to 3-lane from US 70 to 2nd Avenue NW	.38 mi.	\$3,500,000	2-lane	3-lane	Collector	No	Unfunded
CATA-HD-7	H170887	35200	Catawba		2035	Fairgrove Church Rd (SR 1476)	Widen Fairgrove Church Rd from I-40 to Tate Boulevard to a 4-lane divided roadway	1.00	\$13,744,000	3-lane	4-lane divided			
CATA-HD-8		35013	Catawba		2035	Lap Road (SR 1760)	Improve and extend Lap Road from Rock Barn Road to NC 16.	1.3 mi.	\$12,000,000	2-lane and none	Multi-lane	Minor Arterial	No	Unfunded
CATA-HD-9	H090325-B	35003	Catawba	U-2307	ROW 2022 Const 2024-2026	McDonald Parkway (East Side Thoroughfare)	Upgrade 29th Ave. NE to a multi-lane roadway from Springs Rd (SR 1453) to NC 127 North.	3.2 mi.	\$37,000,000	2-lane	4-lane divided	Principal Arterial	Yes	Unfunded
CATA-HD-10	H170563	35043	Catawba	U-3450	2035	Newton and 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 mi.	\$50,679,000	2-lane East and P Street	4-lane divided	Major Collector	No	Unfunded
CATA-HD-11	NA	35034	Catawba		2035	Punch Loop Rd and Extension West (Conover)	Construct two-lane facility on new location (from 1st St West to Fairgrove Church Road).	2.50 mi.	\$13,102,000	None	2-lane	Future Collector	No	Unfunded
CATA-HD-12	H090315	35033	Catawba	U-5113	2035	Startown Road (SR 1005)	Multi-lane from US 70 to Hwy 10; consider 4 lane divided and place priority for the section between CVCC and US 70.	5.45 mi.	\$36,517,000	2-lane	4-lane divided	Minor Arterial	No	Unfunded
CATA-HD-13	NA	35044	Catawba		2035	Western Claremont Loop/Heart Drive	Construct two lane facility on new location (from N. Oxford St. to US 70	1.19 mi.	\$15,632,000		2-lane	Local	No	Unfunded

Greater Hickory Urban Area Financial Plan for the 2018-2045 Transportation Plan Horizon Year 2045

	SPOT ID	New Model P1ID#	County	STIP #	Notes	Project Name	Project Description	Project Length	Future Year Cost	Existing Facility Description	Proposed Facility Description	Functional Classification	Regional Significance	Status
MULT-HS-3	H172232	45001	Burke; Catawba		2045	I-40 Div 12 & 13	Widen from four-lane facility to six-lane facility (US 321 - Exit 123 to Old NC 10 (SR 1761) in Burke County).	7.3 mi.	\$97,108,000	4-lane	6-lane divided	Principal Arterial - Interstate	Yes	Unfunded
MULT-HS-4	H150309	45003	Catawba & Iredell		2045	I-40	Widen from four-lane facility to six-lane facility from I-77 in Iredell County line to NC 16	7.8 mi.	\$202,152,000	4-lane	6-lane divided	Principal Arterial - Interstate	Yes	Unfunded
MULT-HD-1		45002	Alexander & Caldwell	R-2918	2045	Hubbard Rd (SR 1143) / Shiloh Church Road (SR 1208)/	NC 127 to Grace Chapel (SR 1751) Modernization with some new location	3.64	\$29,850,000	2-lane	2-lane	Minor Collector	No	Unfunded
MULT-HD-2	H170849	45006	Burke & Caldwell		2045	Malcolm Blvd (SR 1001)	Widen SR 1001 (Malcolm Boulevard) from US 70 in Ruthertown College to just north of Burke County line in Caldwell County and construct new bridge across	NA	\$66,344,000	2-lane	4-lane divided	Minor Arterial	No	Unfunded
ALEX-HR-6	H170924	45000	Alexander	R-2403B	2045	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	10.04	\$10,339,000	2-lane	Add 4 ft paved shoulders,	Minor Arterial	No	Unfunded
BURK-HS-9	NA	45018	Burke		2045	I-40	McDowell County to Old NC 10 (From Old NC 10 to US 321 is 50211)	26.7 mi.	\$337,617,000	4-lane	6-lane	Principal Arterial_ Interstate and Rural	Yes	Unfunded
BURK-HD-3	NA	45015	Burke		2045	Miller Bridge (SR 1786)	Improve Miller Bridge Road (SR 1786) from Shoupes Grove Church Road (SR 1785) to I-40.	0.71 mi.	\$884,000	2-lane	2-lane Improvements	Minor Arterial	No	Unfunded
BURK-HD-4	NA	45019	Burke		2045	Johnson Bridge Rd (SR 1803)	Improve Johnson Bridge Road (SR 1803) from Old NC 10 to George Hildebran School Road	4.0 mi.	\$4,855,000	2-lane	2-lane Improvements	Collector/Urban & Rural	No	Unfunded
BURK-HD-5	NA	45014	Burke		2045	Tex's Fish Camp Rd (SR 1627) – Old NC 10 (SR 1761) Connector (Burke	Construct two-lane facility on new location from US 70 to Old NC 10 (SR 1761).	.57 mi.	\$5,390,000	None	2-lane	Future Collector	No	Unfunded
CALD-HR-6	H170565	45021	Caldwell		2045	NC 268	Upgrade and modernize roadway from US 321 to Wilkes County Line to improve safety	12.75 mi.	\$17,141,000	2-lane	2-lane upgraded	Arterial	Yes	Unfunded
CALD-HD-9		45016	Caldwell		2045	Crump Rd Extention	New location from Crump Rd (SR 1929) to Rocky Road	.58 mi.	\$3,710,000	NA	2-lane new facility	Local	No	Unfunded
CALD-HD-10		45009	Caldwell		2045	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 mi.	\$1,713,000	2-lane	2-lane improvements	Local	No	Unfunded
CALD-HD-11		45040	Caldwell		2045	Pinewood Rd Ext	Dudley Shoals Rd (SR 1002) to Wike Rd (SR 1753) on new location	1.38 mi.	\$17,203,000	NA	2-lane new facility	Local	No	Unfunded
CALD-HD-12	H172355		Caldwell	Feasibility Study	2045	Southwest Blvd/Creekway Drive	Develop Feasibility Study for the continuation of Southwest Blvd/Creekway Drive north to US 321	7.98 mi	\$200,000	Multi-lane	Multi-lane	Principal Arterial	No	Unfunded
CATA-HS-3	H170910	45004	Catawba	I-5991B	2045	I-40	Widen I-40 from Exit 128 (Fairgrove Church Rd) to 132 (NC 16)	3.54 mi	\$46,301,000	4-lane	6-lane	Interstate	Yes	Unfunded
CATA-HR-8	NA	45005	Alexander & Catawba		2045	NC 16 North	Widen to four-lane divided (from I-40 to Alexander & Catawba County line).	9.71 mi.	\$75,000,000	2-lane	4-lane divided	Principal Arterial_ Other, Minor Arterial,	Yes	Unfunded

**Greater Hickory Urban Area Financial Plan for the 2018-2045 Transportation Plan
Horizon Year 2045**

	SPOT ID	New Model P1ID#	County	STIP #	Notes	Project Name	Project Description	Project Length	Future Year Cost	Existing Facility Description	Proposed Facility Description	Functional Classification	Regional Significance	Status
CATA-HD-14	NA	45017	Catawba		2045	1st Street West (SR 1007) Conover	Widen to multi-lane (from I-40 to NC 16 Bus).	.80 mi.	\$12,642,000	2-lane	5-lane	Principal Arterial_other; Minor Arterial	No	Unfunded
CATA-HD-15	H090334	45010	Catawba	U-2529	2045	Newton and 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).	7.0 mi.	\$100,000,000	Portion 3-lane; portion 5-lane	4-lane divided; 5-lane	Minor Arterial	No	Unfunded
CATA-HD-16	H170564	45011	Catawba		2045	N. Oxford Street (Claremont)	Widen to multi-lane (from I-40 to US 70).	.70 mi.	\$14,374,000	2-lane	5-lane	Collector	No	Unfunded
CATA-HD-17	NA	45020	Catawba	Gave project ID but just for	2045	Providence Mill Road (SR 1810)	Intersection improvements at Providence Mill Road (SR 1810), East Maiden Road and US 321-B.	NA	\$1,500,000	2-lane	Intersection Improvements / 2-lane	Principal Arterial/Minor Collector	No	Unfunded
CATA-HD-18	NA	Not modeled-represent	Catawba		2045	Rosenwald School St	Widen Rosenwald School St from NC 10 to Hudson Chapel Road and redesign intersection of SR 1822 (Lowrance Road) and SR 1826 (Hudson Chapel Road).	0.6 mi	\$2,500,000	2-lane	2-lane Improvements	Minor Collector	No	Unfunded
CATA-HD-19	H172368	45012	Catawba		2045	Western Claremont Loop/Heart Drive /Burris Rd Connector	Construct two lane facility part new location using Heart Drive at US 70 to Burris Rd. Ext. Newton).	1.4 mi.	\$15,544,000	Part 2-lane Heart Drive	2-lane	Local	No	Unfunded