



**NORTH CAROLINA CAPITAL AREA  
METROPOLITAN PLANNING ORGANIZATION**

**2011 - 2017  
METROPOLITAN TRANSPORTATION  
IMPROVEMENT PROGRAM  
PROJECT PRIORITY LIST**

ENDORSED BY THE TECHNICAL COORDINATING COMMITTEE  
Date, 2008

APPROVED BY THE TRANSPORTATION ADVISORY COMMITTEE  
Date, 2008

**FY 2011-2017  
Metropolitan Transportation Improvement Plan**

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**Table 1. Roadway Projects Sorted by Statewide Planning Tiers.** This represents the breakdown of roadway projects based on project tiers.

MTIP ID	Project	Project Location	Statewide Planning Tier	Project Cost	Cross-Reference
Statewide Planning Tier One					
Regional	I-40 Widening	Wade Ave. to US 1/64 / I-440	1	\$32,000,000	I-4744
Raleigh 4	US 70 Upgrade	Duraleigh Rd. to TW Alexander Dr.	1	\$62,500,000	U-2823
Johnston 1	I-40 South Widening	I-440 to NC 42	1	\$103,000,000	
Raleigh 3	I-440	Wade Ave. to US 1/64 / I-40	1	\$77,300,000	U-2719
Regional (Includes Raleigh 1)	Triangle Expressway Turnpike - Completion of Loop (NC 540)	NC 55 Bypass to US 64 E	1	\$1,445,600,000	R-2829
Harnett 1	US 401 (South)	Widening from Lillington UPB-Wake Co.	1	\$48,688,000	Part of R-2609
Apex 6	US 64	From US 1 to NC 540 Tri-Ex Turnpike	1	\$80,500,000	
Raleigh 2	US 1 Corridor Improvements	From I-540 to north of Thornton Road.	1	\$56,284,346	
Statewide Planning Tier Two					
Apex 2	NC 55	US 1 to US 64	2	\$19,472,000	U-2901B
Holly Springs 3	NC 55 Widening	From 150' north of Holly Springs Road (SR1152) to NC 55 Bypass	2	\$23,810,000	
Franklin 1	US Highway 401 (North)	Widening from NC 96 to Fox Park Rd	2	\$42,700,000	Part of R-2814
Garner 4	US 401 (South)	Widening from US 70 split south to Old Stage	2	\$16,205,000	
Granville 1A	NC 50	I-540 to NC 98	2	\$14,544,000	Split Project
Morrisville 1	Morrisville -Carpenter Rd	Widening from NC 54 to NC 55	2	\$26,574,000	
Harnett 2	NC 55 widening	From Lillington UPB-Wake Co.	2	\$48,297,213	R-2540
Clayton 1 Johnston Co 3	NC 42 widening	From US 70 to Buffalo Rd	2	\$9,050,000	
Granville 3	US 15	From I-85 to Granville Co./Virginia line	2	\$154,158,000	
Granville 1B	NC 50	NC 98 to Creedmoor PAB	2	\$20,000,000	
Apex 3a	Center St/Ten Ten Rd	From Apex Peakway to Reliance Avenue	2	\$15,000,000	Project split – was Apex 3
Apex 3b	Center St/Ten Ten Rd	From Reliance Avenue to Kildaire Farm Rd	2	\$14,900,000	Project split – was Apex 3
Franklin 2	NC 56	Widening from Franklinton Bypass to NC 581	2	\$93,871,000	
Franklin 4	NC 96	Widening from Youngsville Bypass to Granville Co	2	\$49,215,000	

MTIP ID	Project	Project Location	Statewide Planning Tier	Project Cost	Cross-Reference
Clayton 6 Johnston Co 2	Widening NC 42 W	From US 70 Bypass to I-40	2	\$25,465,000	
Clayton 4 Johnston Co 2	Widening NC 42	From US 70 to US 70 Bypass	2	\$24,538,000	
Raleigh 7	NC 54/ CSX at Blue Ridge Road	Construct grade separation	2	\$10,000,000	
Harnett 3	NC 210	Widening from Lillington UPB to Wake Co.	2	\$61,714,636	
Granville 5	NC 96	From Granville/Franklin Co. line to Oxford Southern PAB	2	\$41,748,000	
Franklin 3	NC 39	Widening from Wake Co to Vance Co	2	\$79,910,000	
Statewide Planning Tier Three					
Clayton 5	O'Neal St. Connector	New location North Connector from O'Neal St. to NC 42 E	3	\$26,320,000	
Fuquay-Varina 1	North Judd Parkway.	NC 42 W to E Broad St.	3	\$20,800,000	
Holly Springs 1	Holly Springs Rd	From NC 55 Bypass to I-540	3	\$29,832,000	
Cary 2	Morrisville Parkway Ext	From Davis Drive to NC 55	3	\$6,000,000	
Wake Forest 1	US 1A	Widening from Forbes Rd. to Rogers Rd.	3	\$1,653,000	
Raleigh 9	TW Alexander Dr Ext	From US 70 to Leesville Rd	3	\$11,000,000	
Wake Forest 3	Ligon Mill Road Ext	From US 1A to NC 98 Bypass	3	\$2,697,000	
Morrisville 3	Aviation Parkway	I 40 to NC 54	3	\$32,959,000	
Knightdale 4	Poole Rd	From Hodge Rd to Eagle Rock Rd	3	\$51,427,000	
Raleigh 5	Tryon Rd. Ext.	New location from Garner Rd. to Rock Quarry Rd.	3	\$21,000,000	U-3111
Raleigh 6	Skycrest Dr. Ext.	From New Hope Rd. to I-540	3	\$30,000,000	
Garner 3	Timber Dr/Jones Sausage Rd connector	Timber Dr/Jones Sausage Rd connector	3	\$24,985,000	
Wake Forest 5	Burlington Mills	Widening from US-1 to Forestville Rd.	3	\$14,448,000	
Morrisville 2	McCrimmon Parkway	From Evans Dr. to Koppers Rd	3	\$28,269,000	
Apex 5	Davis Drive	From US 64 to Dolemite Road in Cary	3	\$10,450,000	
Raleigh 10	Hillsborough St. Improvements	From Gorman St. to Gardner St	3	\$10,000,000	U-4447
Morrisville 5	Airport Blvd. Ext	Airport Blvd. Ext. (NC 54 to West of Town Hall Dr.)	3	\$19,266,700	
Granville 2	Creedmoor Connector	From Brassfield Rd. to NC 50	3	\$40,431,000	R-2542
Raleigh 8	Tyron Rd realignment	From NS Railroad to Wilmington St (US 70-401)	3	\$5,200,000	U-4432
Garner 5	Old Stage Rd	Widening from US 401 Ten Ten Rd	3	\$19,626,000	
Knightdale 2	Hodge Rd	From Knightdale Blvd. to Poole Rd	3	\$25,040,000	

MTIP ID	Project	Project Location	Statewide Planning Tier	Project Cost	Cross-Reference
Apex 4a	Green Level Ch Rd/Kelly Rd	From Green Level West Road to US 64	3	\$15,933,000	Project split – was Apex 4
Apex 4b	Kelly Road	From US 64 to Olive Chapel Road	3	\$15,933,000	Project split – was Apex 4
Apex 4c	Kelly Road	From Olive Chapel Road to Old US 1	3	\$15,933,000	Project split – was Apex 4
Knightdale 1	Smithfield Rd	From Forestville Rd. to US 64/ 264	3	\$17,736,000	
Cary 3	Intersection Realignment	Jenks-Carpenter Rd./High House	3	\$3,180,000	
Cary 1	Walker Street Extension	Walker Street Extension	3	\$14,700,000	
Garner 2	Vandora Springs Rd	Widening from Timber Dr to Old Stage Rd	3	\$4,840,000	
Wake Forest 2	Northside Loop	New location from E Wait Ave. to N. White St.	3	\$2,988,000	
Wake Forest 4	S. Franklin St	New location Rogers Rd. and NC 98 Bypass	3	\$4,408,000	
Clayton 2	South Connector NC 42	South Connector NC 42 from US 70 to Guy Rd	3	\$16,071,000	
Knightdale 3	Bethlehem Rd	From Smithfield Rd. to Grasshopper Rd.	3	\$28,446,000	
Holly Springs 4	Avent Ferry Road widening	Widening From NC 55 Bypass to Cass-Holt Rd	3	\$15,458,000	
Garner 1	Garner Rd.	Widening from Northview St. to I-40	3	\$13,145,000	
Wake Forest 6	Bridge Construction	Rogers Rd at Smith Creek	3	\$902,000	
Wake Forest 7	Bridge Construction	Forestville Road at Sandford Creek	3	\$553,500	
Wake Forest 8	Bridge Construction	Ligon Mill Road at Smith Creek	3	\$810,000	
Wake Forest 9	Bridge Construction	W. Oak Ave. at Richland Creek	3	\$405,000	
Morrisville 4	Kit Creek Ext	From Kit Creek Rd. to Kit Creek Rd.	3	\$16,018,000	
Clayton 3	Guy Rd.	Widening from NC 42 to Wake Co	3	\$16,095,000	
Franklin 5	Cedar Creek Rd	Cedar Creek Rd Widening	3	\$63,086,000	
Harnett 4	Chalybeate Springs Rd	Widening Lillington UPB-Wake Co.	3	\$14,275,814	
Granville 4	Lyons Station Rd.	Widening from Gate 2 Rd. to Brogden Rd.	3	\$21,760,000	
Holly Springs 2	Green Oaks Parkway	From SR 1152 to NC HS Bypass	3	\$7,451,000	
Holly Springs 2	Green Oaks Parkway	From SR 1152 to NC HS Bypass	3	\$7,451,000	

**Table 2. Advanced Planning Projects (\$3.101 million).**

<i>Project ID</i>	<i>Project Title</i>	<i>Estimated Cost (\$1,000)</i>	<i>Points based on Local Rank</i>	<i>Regional Benefit</i>	<i>Transportation Plan Conformity</i>	<i>Sponsor Cost Share</i>	<i>Addresses High Accident or Congestion Location</i>	<i>Total Score</i>
<b>RA 4</b>	Crabtree Valley area – Transportation System Evaluation	\$400	14	20	20	10	20	
<b>GC 3</b>	NC 56 Corridor Study - From 33rd Street in Butner to the Granville/Franklin Co line	\$390	16	20	15	5	20	
<b>CA 3</b>	People Mover Study - Northwest Cary to RTP	\$100	16	15	15	5	20	
<b>GC 4</b>	I-85 (New Interchange) Access Study - from Exit 191 to Exit 202	\$30	14	20	15	5	15	
<b>KN 1</b>	Eastrans Rail Study	\$250	20	20	20	5	0	
<b>GA 1</b>	NC 50 Corridor Study - From Creedmoor's southern Planning Area Boundary to I-540	\$60	20	20	15	5	0	
<b>CA 4</b>	Cary - Apex transit link on Western Wake Parkway	\$100	14	20	20	5	0	
<b>HS 2</b>	I-540/ Kildare Interchange Study	\$50	18	20	20	0	0	
<b>CA 2</b>	County Line Road Alignment Study in conjunction with the Town of Apex	\$250	18	15	20	5	0	
<b>GC 2</b>	Creedmoor Connector Corridor Study - From Brassfield Road to NC 50; and including US 15, Joe Peed, then to NC 56	\$141	18	10	15	5	10	
<b>CA 1</b>	Comprehensive Transportation Plan Update	\$250	20	5	5	5	20	
<b>HS 4</b>	US 1 Interchange Study	\$50	14	20	20	0	0	
<b>RA 2</b>	Edwards Mill Road Extension - Chapel Hill Road to the proposed Western Boulevard Extension	\$150	18	10	20	5	0	
<b>CA 5</b>	CSX Rail Line Study	\$100	12	15	20	5	0	
<b>RA 3</b>	Western Boulevard Extension - from Jones Franklin Road to Cary Towne Boulevard at I-40	\$150	16	10	20	5	0	
<b>HS 1</b>	Comprehensive Transportation Plan Update	\$75	20	5	5	0	20	
<b>CR 2</b>	NC 56/NC 15/NC 50 Intersection Realignment	\$25	18	20	10	0	0	
<b>RA 1</b>	Gorman Street Extension - from Tryon Road to Holly Springs Road	\$150	20	10	10	5	0	
<b>HS 5</b>	NC 751/ New Hill Holleman Corridor Study	\$75	12	15	10	0	0	
<b>HS 3</b>	North-South Connector Corridor Study	\$75	16	5	5	0	0	
<b>GC 5</b>	Brogden/Hester Road Access/Corridor - from NC 56 to Brogden Road/I-85.	\$210	12	5	0	5	0	
<b>HS 6</b>	Roundabout Study	\$20	10	5	0	0	0	

**Table 3A. Pedestrian and Bicycle Improvements (\$38.321 million for all 45 Projects Requested; \$ 22.814 million for first twenty shown).**

<i>CAMPO Rank</i>	<i>Local Rank</i>	<i>Project Description</i>	<i>Estimated Cost (\$1,000s)</i>	<i>Score</i>
1	RB.2	Blue Ridge Road - Hillsborough Street to Wade Ave. Pedestrian improvements	\$1,100	
2	CB.1	Western Wake Pkwy tunnel connections	\$1,077	
3	KB.1	Mingo Creek Greenway Smithfield Rd to Anderson Point Park (cost includes bridge over Neuse River)	\$1,035	
4	RB.10	Raleigh Bike Map Update	\$100	
5	CB.2	Ped Linkage from Buck Jones to Meeting on Walnut	\$550	
6	GRB.4	US 15 add Wide Shoulders I-85 to Bryant Hill Rd	\$1,940	
7	RB.7	East Martin Street - Fayetteville Street to Chavis Way Greenway. Bicycle and pedestrian improvements.	\$400	
8	NCSUB.1	Bike/Ped Grade Sep at Avent Ferry and Western Blvd	\$4,429	
9	WFB.1	US-1A Bicycle Lanes, Incidental Project, Rogers Rd to Forbes Rd.	\$274	
10	AB.1/CB.8	White Oak Creek Greenway	\$2,200	
11	GRB.1	NC 96 add Wide Shoulders from the Franklin\Granville County to Oxford' southern Planning Boundary.	\$2,218	
12	RB.4	Capital Boulevard pedestrian improvements, from Spring Forest Road to Old Wake Forest Road	\$1,500	
13	CRB.1	NC 56 East (Wilton Ave) b/t NC 15 and Hawley School Rd-Add Sidewalks and Bike Lanes	\$751	
14	RB.1	Glenwood Marriot Ped Bridge	\$1,500	
15	RB.3	Six Forks Road pedestrian improvements, from I-440 Ramps to Atlantic Avenue	\$500	
16	CB.6	Kildaire Farm Rd (WOLs) Tryon to Academy St.	\$65	
17	CB.4	Grade Separated Crossing-NW Maynard at Godbold Park	\$2,000	
18	CB.8	White Oak Greenway Phase 3&4- Bond Park to Green Level	\$1,055	
19	CB.9	Sensitize Traffic Signal Detectors for Bicycles	\$120	
20	GRB.2	NC 50 add Wide Shoulders from Creedmoor's southern PAB to I-540 in Wake County	\$278	

**Table 3B. Additional Pedestrian and Bicycle Improvement Priorities (continued)**

CAMPO Rank	Local Rank	Project Description	Estimated Cost (\$1,000s)	Score
21	CB.3	Black Creek Greenway Phase V Realignment	\$510	
22	CRB.2	NC 15 N b/t Hillsborough St. and NC 56-Add Sidewalks and Bike Lanes	\$544	
23	CB.5	Grade Separated Ped Crossing-NC 55 Alston Plan	\$2,000	
24	RB.6	Neuse River Greenway Trail - Horseshoe Farm Park to future Skycrest Drive Extension	\$4,000	
25	CRB.3	Hawley School Rd b/t NC 56 and Brassfield Rd-Add Sidewalks and Bike Lanes	\$751	
26	CB.10	MacDonald Woods Park Connector Greenway	\$421	
27	GRB.5	Lyon Station Rd add Wide Shoulders or Striped Lanes	\$749	
28	GRB.3	Creedmoor Connector Bike Lanes or Wide Shoulders	\$651	
29	KB.2	Beaverdam Creek Greenway Knightdale HS to Neuse River	\$808	
30	CB.7	Speight Branch Phase II- Link to Swift Creek from Cary Pkwy to Lily Atkins	\$1,245	
31	RB.8	I-40 Overpass Pedestrian Retrofits (Avent Ferry Rd, Lake Dam Rd, Trailwood Dr., and Rock Quarry Rd.	\$2,000	
32	RB.9	Glenwood Avenue - Feasibility study for pedestrian crossings at Heresnipe Creek, Turkey Creek, and Sycamore Creek.	\$150	
33	RB.5	Honeycutt Creek Greenway Trail - Carriage Tour Lane to Raven Ridge Road	\$1,400	

**Table 4. Enhancement Projects (\$56.435 million)**

<i>CAMPO Rank</i>	<i>Local Rank</i>	<i>Project Description</i>	<i>Estimated Cost (\$1,000s)</i>	<i>Score</i>
1	ME.1	Airport Blvd Ped and Landscaping Improvements (I-40 to McCrimmon Parkway)	\$1,519	
2	HSE.1	NC 55 Enhancements	\$895	
3	CAE.1	TCAP Streetscape Facilities	\$32,000	
4	CAE.3	Maynard Rd. Sharrow Implementation	\$62	
5	HSE.3	Holly Springs Rd (Middle Creek Bridge Replacement and Pedestrian Crossing)	\$5,668	
6	WFE.1	Wake Forest Bypass Greenway	\$1,320	
7	HSE.4	Bass Lake Rd Bike Path (Paved Shoulder) Earp St. to Old Mills Bluff	\$1,600	
8	ME.2	Shiloh Greenway (McCrimmon Parkway to Shiloh Grove)	\$225	
9	WFE.2	Flaherty Park Greenway	\$220	
10	HSE.5	Avent Ferry Rd Bike Path (NC 55 Bypass to New Hill Holleman)	\$4,838	
11	HSE.2	Bass Lake Rd Enhancements	\$4,641	
12	CAE.7	Bridge Enhancement on Western Wake Parkway	\$650	
13	CAE.2	TCAP Downtown Parking Deck Feasibility Study	\$50	
14	CAE.8	Preservation of Green Level Viewshed	\$250	
15	CAE.5	Cary Townwide Trail Signage Program	\$500	
16	ME.3	Crabtree Crossing Greenway Trail	\$719	
17	CAE.4	Walnut St. Median Addition and Landscaping	\$100	
18	ME.4	Cedar Fork Greenway (Keybridge Dr. to Green Dr.)	\$362	
19	CAE.6	Tryon Rd Median Landscaping	\$80	
20	ME.5	Treybrooke Greenway (Page Street to McCrimmon Pkwy)	\$736	

**Table 5. ITS Projects (\$46.775 million)**

<i>City or Route</i>	<i>Start</i>	<i>Finish</i>	<i>Description</i>	<i>Area or Length (Miles)</i>	<i>Cost (Thousands)</i>
<b>Raleigh *</b>	Citywide	Citywide	Citywide signal system upgrade	City	\$28,000
<b>US 64 Bypass</b>	I-440	US 64 Business	Detection, CCTV	10.0	\$425
<b>I-440</b>	US 1	I-40	Fiber, Detection, CCTV	12.0	\$3,500
<b>I-540</b>	I-40	US 1	Fiber, Detection, CCTV	17.0	\$3,150
<b>I-540</b>	US 1	US 64 Bypass	Detection	10.0	\$200
<b>I-40*</b>	US 15-501	Wade Avenue	Detection	19.0	\$1,500
<b>I-40*</b>	Wade Avenue	S. Saunders Street	Fiber, Detection, CCTV, DMS	9.0	\$5,500
<b>I-40*</b>	S. Saunders Street	US 70	Fiber, Detection, CCTV, DMS	8.0	\$4,500

Note - \* - Denotes projects either scheduled for construction in the current fiscal year or already under construction.

# **N.C. Capital Area Metropolitan Planning Organization**

## **RESOLUTION ADOPTING THE FY 2011-2017 CAPITAL AREA MPO METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM (MTIP) PROJECT PRIORITY LIST**

A motion was made by \_\_\_\_\_ and seconded by \_\_\_\_\_ for adoption of the following resolution and upon being put to a vote was duly adopted.

WHEREAS, the Transportation Advisory Committee has found that the Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner in accordance with 23 U.S.C. 134 and 49 U.S.C. 1607; and

WHEREAS, the Transportation Advisory Committee has found that the Transportation Improvement Program conforms to the purpose of the North Carolina State Implementation Plan for maintaining the National Ambient Air Quality Standards in accordance with 40 CFR 51 & 93; and

WHEREAS, the Transportation Advisory Committee has found the Transportation Improvement Program to be in full compliance with Title VI of the Civil Rights Act of 1964 and the Title VI Assurance executed by each State under 23 U.S.C. 324 and 29 U.S.C. 794; and

WHEREAS, the Transportation Advisory Committee has considered how the Transportation Improvement Program will affect the involvement of Disadvantaged Business Enterprises in the FHWA and the FTA funded project (Sec. 105(f), Pub. L. 97-424, 96 Stat. 2100, 49 CFR part 23); and

WHEREAS, the Transportation Advisory Committee has considered how the Transportation Improvement Program will affect the elderly and the disabled per the provision of the Americans With Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat. 327, as amended) and the U.S. DOT implementing regulations; and

WHEREAS, the CAPITAL AREA MPO FY 2011-2017 Metropolitan Transportation Improvement Program (MTIP) Project Priority List is a subset of the currently conforming 2030 Long Range Transportation Plan; and

WHEREAS, the Transportation Plan has a planning horizon of 25 years, and meets all the requirements for an adequate Transportation Plan; and

WHEREAS, the Transportation Advisory Committee has provided for a minimum 30-day public comment period for the Metropolitan Transportation Improvement Program consistent with the MPO TIP Public Involvement Policy;

WHEREAS, the Transportation Advisory Committee has solicited public and private transportation provider comment; and

WHEREAS, the Metropolitan Transportation Improvement Program, for years one and two, will serve as the project selection document for transportation projects within the CAPITAL AREA MPO, and the NCDOT may move projects and phases of projects without additional programming or project selection approval by the MPO within that three-year period, providing that air quality conformity and financial constraint criteria are still met,

NOW THEREFORE, be it resolved that the CAPITAL AREA MPO Transportation Advisory Committee (TAC) adopts the FY 2011-2017 Metropolitan Transportation Improvement Program Project Priority List dated \_\_\_\_\_, 200\_ for the NC Capital Area Metropolitan Planning Organization. Signed this \_\_\_\_ day of \_\_\_\_\_, 200\_.

\_\_\_\_\_  
Joe Bryan, Chair  
Transportation Advisory Committee

\_\_\_\_\_  
Ed Johnson, Capital Area MPO Director  
Transportation Advisory Committee Clerk

County of Wake  
State of North Carolina

I, Diane Wilson, a Notary Public for said County and State, do hereby certify that on this \_\_\_\_ day of \_\_\_\_\_, 2008, personally appeared before me this day \_\_\_\_\_ and acknowledged due execution of the foregoing RESOLUTION ADOPTING THE FY 2011-2017 CAPITAL AREA MPO METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM (MTIP) PROJECT PRIORITY LIST.

Witness my hand and official seal, this the \_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

(Official Seal)

\_\_\_\_\_  
Diane Wilson, Notary Public

My commission expires January 26, 2011