

DCHC MPO Regional Priority List
Division 5 – Durham County

Top 15 Priority Projects

1. Transportation Demand Management (TDM)
 - Estimated Cost: \$18,251,000
 - Cost shared between DCHC MPO, CAMPO, NCDOT, and local service providers
 - DCHC MPO has recommended CMAQ funding for years 2009-2012
2. Intelligent Transportation System (ITS) Deployment
 - Estimated Cost: \$21,400,000
 - Includes all or part of the following projects:
 - i. Freeway Management on I-40, I-85, US 15-501, US 70, NC 147, Triangle Parkway, and East End Connector
 - ii. Incident Management System
 - iii. Arterial Management
 - iv. Public Transportation ITS on Regional Rail and Buses
 - v. Rail Operation Information Network
 - vi. Advanced Traveler Information System
 - vii. Electronic Toll for Triangle Parkway
 - viii. Emergency Management
 - ix. ITS Data Warehouse and Archive
 - x. Commercial Vehicle ITS
3. U-0071 East End Connector
 - Estimated Cost: \$182,200,000
 - Fully funded for ROW in FY 2010 and Partially funded for Construction in FY 2014 (delayed two years from FY 2012 in the 2007-2013 STIP)
 - Includes Holloway Street Sidewalk Project from US 70 Bypass to N. Miami Blvd. (Bicycle/Pedestrian priority project #10)
4. 2009 Transit Projects
 - Estimated Cost: \$19,262,000
 - All projects requested by DATA and TTA in FY 2009
 - i. TTA – 15 Replacement Buses
 - ii. TTA – Routine Capital Items
 - iii. TTA – Planning Assistance (*placeholder for STAC recommendation*)
 - iv. TTA – 1 Replacement Van
 - v. DATA – Preventative Maintenance and Routine Capital Items
 - vi. DATA – 18 Replacement Vans
 - vii. DATA – 12 Hybrid Buses
 - viii. Regional Transit Service (Durham to Chapel Hill) Alternatives Analysis (*placeholder for STAC recommendation*)
 - ix. TTA/DATA – Real Time Passenger Information Project
 - x. TTA – 12 Expansion Vans for vanpool
 - xi. TTA – 2 Expansion Vans

- xii. Regional Transit Service (Durham to Raleigh) Alternatives Analysis
(placeholder for STAC recommendation)
 - xiii. DATA – 6 Expansion Vans
 - xiv. DATA Passenger Amenities
- 5. U-4724 Cornwallis Road (S. Roxboro St. to Chapel Hill Rd.) Bicycle and Pedestrian Project
 - Estimated Cost: \$1,621,000 *cost estimate will be revised*
 - Partially funded with STP-DA in FY 2009
- 6. Fayetteville Road (Cornwallis Rd. to Nelson St.) Bicycle and Pedestrian Project
 - Estimated Cost: \$356,000
 - The City of Durham has submitted a proposal for a Safe Routes to School Project along part of this section of road.
- 7. C-4928 Morreene Road (Erwin Rd. to Neal Rd.) Bicycle and Pedestrian Project
 - Estimated Cost: \$1,728,000
 - Partially funded with CMAQ
 - This project will provide a connection between Duke University and residential neighborhoods.
- 8. U-2405 MLK Jr. Parkway/NC 55 Intersection Feasibility Study
 - Currently identified project is a fully grade separated interchange with a cost of \$25,800,000.
 - Request is for a feasibility study to identify a less expensive alternative project.
- 9. NC 751 Widening Phase I (NC 54 to S. Roxboro St.)
 - Estimated Cost: \$10,900,000
- 10. Fayetteville Road Widening (Woodcroft Parkway to Riddle Rd.)
 - Estimated Cost \$17,431,000
- 11. Avondale Drive (N. Roxboro St. to E. Geer St.) Bicycle and Pedestrian
 - Estimated Cost: \$513,000
- 12. University Drive (Garrett Rd. to Hope Valley Rd.) Bicycle and Pedestrian
 - Estimated Cost: \$1,025,000
 - Along with the bicycle and pedestrian improvements planned for Old Durham-Chapel Hill Road, this route will provide a connection between Chapel Hill and Durham.
- 13. Hillandale Road (I-85 to NC 147) Bicycle and Pedestrian
 - Estimated Cost: \$722,000
 - This project will extend the current sidewalk north providing a connection between Duke University and residential neighborhoods.
- 14. NC 54 Widening (I-40 to NC 55)
 - Estimated Cost: \$17,431,000
- 15. 2010 Transit Projects
 - Estimated Cost: \$6,705,000
 - All projects requested by DATA and TTA in FY 2010
 - i. TTA – Routine Capital Items
 - ii. TTA – Planning Assistance (placeholder for STAC recommendation)
 - iii. DATA – Preventative Maintenance and Routine Capital Items

- iv. TTA – 19 Expansion Vans for vanpool
- v. DATA – Park and Ride Lot near Treyburn

All Division 5 Projects Listed by Mode of Transportation in Priority Order

I. Bicycle and Pedestrian

Division 5 Priority Number	Project Name and Description	Local Priority Number	TIP Number	TIP Status in Draft FY09-15 STIP	Estimated Cost (\$THOU)
1	Cornwallis Road (S. Roxboro to Chapel Hill Rd.) Bike and Ped	3 - D 3 - DC	U-4724	Partially Funded	1,621
2	Fayetteville Rd (Cornwallis to Nelson) Bike and Ped	13 - D 13 - DC		Unfunded	356
3	Morreene Road (Erwin to Neal) Bike and Ped	4 - D 4 - DC	C-4928	Partially Funded	1,728
4	Avondale Drive (Roxboro to Geer) Bike and Ped	6 - D 6 - DC		Unfunded	513
5	University Drive (Garrett to Hope Valley) Bike and Ped	14 - D 14 - DC		Unfunded	1,025
6	Hillandale Road (I-85 to NC 147) Bike and Ped	2 - D 2 - DC		Partially Funded	722
7	Club Boulevard (Ruffin to Geer) Bike and Ped	7 - D 7 - DC		Unfunded	2,978
8	Dearborn Drive (Club to Old Oxford) Bike and Ped	10 - D 10 - DC		Unfunded	2,389
9	Cornwallis Rd. (Erwin Rd. to Chapel Hill Rd.) Bike and Ped	11 - D 11 - DC		Unfunded	3,204
10	Holloway Street (Lynn to Miami) Sidewalk	1 - D 1 - DC		Unfunded	992
11	Pope Road (Old Durham-Chapel Hill Rd. to Ephesus Church Rd.) & Ephesus Church Road Bike and Ped	6 - CH; 19 - DC		Unfunded	3,526
12	Hope Valley Road (S. Roxboro to US 15-501 Bus) Bike and Ped	9 - D 9 - DC		Unfunded	4,916
13	Cheek Road (Geer to Hardee) Bike and Ped	12 - D 12 - DC		Unfunded	695
14	Cook Rd. (Fayetteville St. to Martin Luther King) Bike and Ped	16 - DC		Unfunded	1,365
15	Barbee Chapel Road (NC 54 to Stagecoach) Bike and Ped	9 - CH; 17 - DC		Unfunded	1,759
16	Alston Avenue (Carpenter Fletcher to Sedwick) Bike and Ped	8 - D 8 - DC		Unfunded	2,069
17	Erwin Rd (Orange County Line to NC 751) Bike and Ped	18 - DC		Unfunded	1,942
18	Carpenter Fletcher Road (Woodcroft to Alston) Bike and Ped	5 - D 5 - DC		Partially Funded	1,267
19	Sedwick Rd. (Grandale to Alston) Bike and Ped	15 - D 15 - DC		Unfunded	2,187

II. Transit

Regional Priority Number	Project Name and Description	Year Requested	Local Priority Number or Agency	TIP Number	TIP Status in Draft FY09-15 STIP	Estimated Cost (\$THOU)
1 (tie)	TTA 15 – Replacement Buses	2009	TTA	TA-4818	17 buses unfunded	4,128
1 (tie)	TTA Routine Capital Items--Shop Equipment, Spare Parts.	2009	TTA	TG-4821	Funded	1,000
1 (tie)	TTA Planning Assistance---UPWP.	2009	TTA	TP-4732	Funded	1,000
2	1 Replacement Van	2009	1 - TTA	TA-4994	Unfunded	33
3	DATA Preventative Maintenance and Routine Capital Items	2009	DATA	TG-4738	Funded	3,018
4	18 Replacement Vans	2009	3 - D 3 - DC		Not included	630
5	12 Hybrid Expansion Buses	2009	1 - D 1 - DC		Not included	5,700
6	Placeholder - Regional Transit Service Phase 2 - Alternatives Analysis	2009, 2010	7 - D; 7 - DC; 26 - C	TE-4706B	Planning and Design for 15-501 Corridor unfunded in 2015	1,000
7	Real Time Passenger Information Project	2009	2 - TTA	TT-4911	Unfunded in 2010	700
8	Vanpool Fleet Expansion - 12 vans	2009	3 - TTA	TA-4992	Unfunded	285
9	2 Expansion Vans	2009	4 - TTA	TA-4993	Unfunded	66
10	Placeholder - Regional Transit Svc. Phase 1 - Alternatives Analysis	2009, 2010	2 - D 2 - DC	TE-4903	Unfunded	1,000
11	6 Expansion Vans	2009	4 - D 4 - DC	TA-4757	Unfunded in 2008	210
12	DATA Passenger Amenities - 75 shelters, 50 benches, 50 trash cans, 50 solar lights	2009	DATA	TG-4958	Unfunded	492
13 (tie)	TTA Routine Capital Items--Shop Equipment, Spare Parts.	2010	TTA	TG-4821	Funded	1,000
13 (tie)	TTA Planning Assistance---UPWP.	2010	TTA	TP-4732	Funded	1,000
14	DATA Preventative Maintenance and Routine Capital Items	2010	DATA	TG-4738	Funded	3,169
15	Vanpool Fleet Expansion - 19 vans	2010	3 - TTA		Not included	361
16	Park and Ride Lot - Treyburn area - Land Acquisition and Construction	2010	5 - D 5 - DC	TD-4945	Unfunded in 2009	1,175
17 (tie)	TTA Routine Capital Items--Shop Equipment, Spare Parts.	2011	TTA	TG-4821	Funded	1,000
17 (tie)	TTA Planning Assistance---UPWP.	2011	TTA	TP-4732	Funded	1,000

Regional Priority Number	Project Name and Description	Year Requested	Local Priority Number or Agency	TIP Number	TIP Status in Draft FY09-15 STIP	Estimated Cost (\$THOU)
17 (tie)	TTA 15 - Replacement Buses	2011	TTA	TA-4818	Unfunded	4,946
18	DATA Preventative Maintenance and Routine Capital Items	2011	DATA	TG-4738	Funded	3,169
19	Bus Priority at Traffic Signals along 15-501	2011	5 - TTA		Not included	350
20 (tie)	TTA Routine Capital Items--Shop Equipment, Spare Parts.	2012	TTA	TG-4821	Funded	1,000
20 (tie)	TTA Planning Assistance---UPWP.	2012	TTA	TP-4732	Funded	1,000
20 (tie)	TTA 11 Replacement Buses	2012	TTA	TA-4818	Unfunded	3,670
21	31 40-foot Hybrid Replacement Buses	2012	6 - D 6 - DC	TA-4757	11 buses unfunded in 2011	14,000
22	DATA Preventative Maintenance and Routine Capital Items	2012	DATA	TG-4738	Funded	3,169
23 (tie)	TTA Routine Capital Items--Shop Equipment, Spare Parts.	2013	TTA	TG-4821	Funded	1,000
23 (tie)	TTA Planning Assistance---UPWP.	2013	TTA	TP-4732	Funded	1,000
24	DATA Preventative Maintenance and Routine Capital Items	2013	DATA	TG-4738	Funded	3,169
25 (tie)	TTA Routine Capital Items--Shop Equipment, Spare Parts.	2014	TTA	TG-4821	Funded	1,000
25 (tie)	TTA Planning Assistance---UPWP.	2014	TTA	TP-4732	Funded	1,000
25 (tie)	5 Replacement Buses	2014	TTA		Not included	500
26	DATA Preventative Maintenance and Routine Capital Items	2014	DATA	TG-4738	Funded	3,228
27 (tie)	TTA Routine Capital Items--Shop Equipment, Spare Parts.	2015	TTA	TG-4821	Funded	1,000
27 (tie)	TTA Planning Assistance---UPWP.	2015	TTA	TP-4732	Funded	1,000
28	DATA Preventative Maintenance and Routine Capital Items	2015	DATA	TG-4738	Funded	3,339

III. Highway

Regional Priority Number	Project Name and Description	Local Priority Number	TIP Number	TIP Status in Draft FY09-15 STIP	Estimated Cost (\$THOU)
1	Transportation Demand Management (TDM)	12 - D 12 - DC		Unfunded	18,251
2	ITS Deployment	11 - D 11 - DC		Unfunded	21,400
3	East End Connector	1 - D 1 - DC	U-0071	Partially Funded	182,200
4	MLK Jr. Parkway/Hwy 55 Intersection	2 - D 2 - DC	U-2405	Unfunded	25,800
5	NC 751 (Phase 1) Widening	9 - D 9 - DC		Unfunded	10,900
6	Fayetteville Road Widening	4 - D 4 - DC		Unfunded	17,431
7	NC 54 (I-40 east to NC 55) Widening	5 - D 5 - DC		Unfunded	75,582
8	Old Oxford Highway Widening	8 - D 8 - DC		Unfunded	31,492
9	Triangle Parkway	3 - D 3 - DC	U-4763B	Partially Funded	174,703
10	US 70 (Lynn Rd. to Wake County Line) Convert to Freeway	6 - D 6 - DC	U-4720	Unfunded	101,747
11	NC 54 (I-40 to Barbee-Chapel) Widening	10 - D 10 - DC		Unfunded	32,351
12	Northern Durham Parkway	7 - D 7 - DC	U-4721	Unfunded	131,954