

**FY 2008
Unified Planning Work Program**

**Mecklenburg-Union
Metropolitan Planning Organization**

**Approved by the
Mecklenburg-Union
Metropolitan Planning Organization
May 16, 2007**

RESOLUTION

**APPROVING THE FY 2008
UNIFIED PLANNING WORK PROGRAM
OF THE MECKLENBURG-UNION URBAN AREA**

A motion was made by MPO Member Mr. Sisson and seconded by MPO Member Mr. Smith for the adoption of the following resolution, and upon being put to a vote was duly adopted.

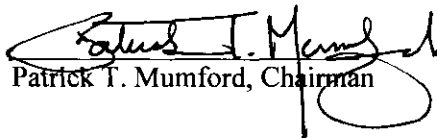
WHEREAS, a comprehensive and continuing transportation planning program must be carried out cooperatively in order to ensure that funds for transportation projects are effectively allocated to the Mecklenburg-Union Urban Area; and

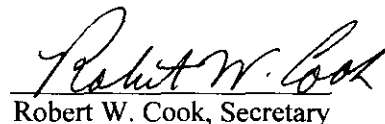
WHEREAS, the City of Charlotte has been designated as the recipient of Federal Transit Administration Metropolitan Planning Program funds; and

WHEREAS, members of the Mecklenburg-Union Metropolitan Planning Organization agree that the Unified Planning Work Program will effectively advance transportation planning for FY 2008.

NOW, THEREFORE BE IT RESOLVED that the Mecklenburg-Union Metropolitan Planning Organization hereby endorses the FY 2008 Unified Planning Work Program for the Mecklenburg-Union Urban Area.

I, Patrick T. Mumford, Chairman of the Mecklenburg-Union Metropolitan Planning Organization, do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Mecklenburg-Union Metropolitan Planning Organization, duly held on this the 16th day of May, 2007.


Patrick T. Mumford, Chairman


Robert W. Cook, Secretary

Mecklenburg-Union MPO - FY 08
Funding Sources Table and Task Narrative

1-	MPO Name	Mecklenburg-Union
2-	FTA Code	442200
3-	Task Code	II
4-	Title of Planning Task	Continuing Transportation Planning
5-	Task Objective	Review rezoning petitions to assist in the identification of transportation services to meet current and forecasted demand-e.g., promote transit, bicycle, and pedestrian friendly design. Perform GIS analysis and mapping as needed. Analyze traffic counts, street system changes, Uptown parking inventory, traffic accidents and review system data. Monroe Bypass/Connector indirect & cumulative impacts analysis.
6-	Tangible Product Expected	LRTP update mapping; High Accident Location (HAL) list; updated Uptown parking inventory.
7-	Expected Completion Date of Product(s)	On-going projects
8-	Previous Work	Reviewed an average of 8-12 rezonings a month and made specific comments on integrating transportation and land use; HAL. Other work is continuing.
9-	Prior FTA Funds	\$0.00
10-	Relationship To Other Activities	
11-	Agency Responsible for Task Completion	CMPC, CDOT
12-	SPR - Highway - NCDOT 20%	\$1,400
13-	SPR - Highway - FHWA 80%	\$5,600
14-	Section 104 (f) PL Local 20%	\$82,250
15-	Section 104 (f) PL FHWA 80%	\$329,000
16-	Section 5303 Local 10%	\$0
17-	Section 5303 NCDOT 10%	\$0
18-	Section 5303 FTA 80%	\$0
19-	STP-DA - Local 20%	\$0
20-	STP-DA - FHWA 80%	\$0

Mecklenburg-Union MPO - FY 08
Funding Sources Table and Task Narrative

1-	MPO Name	Mecklenburg-Union
2-	FTA Code	44.23.02
3-	Task Code	III
4-	Title of Planning Task	Travel Demand Model
5-	Task Objective	MUMPO will work with its partners on maintenance and updating of the regional travel demand model.
6-	Tangible Product Expected	Updated data for incorporation into the official model set and working model set; improved algorithms and scripts to enhance model applications; tools to produce a "user-friendly" model; model documentation; training for technical staff; CATS on-board survey; capacity deficiency analyses
7-	Expected Completion Date of Product(s)	Continuing projects; South Corridor survey: 3rd quarter
8-	Previous Work	Previous work resulted in updating and maintenance of the travel demand model.
9-	Prior FTA Funds	\$85,760.00
10-	Relationship To Other Activities	
11-	Agency Responsible for Task Completion	CDOT, CMPC, NCDOT, CATS
12-	SPR - Highway - NCDOT 20%	\$0
13-	SPR - Highway - FHWA 80%	\$0
14-	Section 104 (f) PL Local 20%	\$58,000
15-	Section 104 (f) PL FHWA 80%	\$232,000
16-	Section 5303 Local 10%	\$30,164
17-	Section 5303 NCDOT 10%	\$30,164
18-	Section 5303 FTA 80%	\$241,312
19-	STP-DA - Local 20%	\$0
20-	STP-DA - FHWA 80%	\$0

Mecklenburg-Union MPO - FY 08
Funding Sources Table and Task Narrative

1-	MPO Name	Mecklenburg-Union
2-	FTA Code	44.23.01
3-	Task Code	IV
4-	Title of Planning Task	Long-Range Transportation Planning
5-	Task Objective	Anticipate at least one amendment to the LRTP and work on preparation of update to the LRTP.
6-	Tangible Product Expected	Approval of at least one LRTP amendment; progress on an updated LRTP.
7-	Expected Completion Date of Product(s)	Ongoing work on Long-Range Transportation Plan.
8-	Previous Work	Work or revised LRTP roadway ranking criteria; one LRTP amendment.
9-	Prior FTA Funds	\$0.00
10-	Relationship To Other Activities	
11-	Agency Responsible for Task Completion	CMPC, CDOT, CATS
12-	SPR - Highway - NCDOT 20%	\$0
13-	SPR - Highway - FHWA 80%	\$0
14-	Section 104 (f) PL Local 20%	\$14,600
15-	Section 104 (f) PL FHWA 80%	\$58,400
16-	Section 5303 Local 10%	\$0
17-	Section 5303 NCDOT 10%	\$0
18-	Section 5303 FTA 80%	\$0
19-	STP-DA - Local 20%	\$0
20-	STP-DA - FHWA 80%	\$0

Mecklenburg-Union MPO - FY 08
Funding Sources Table and Task Narrative

1-	MPO Name	Mecklenburg-Union
2-	FTA Code	44.23.01
3-	Task Code	V
4-	Title of Planning Task	Continuing Programs
5-	Task Objective	Continue work on Congestion Management System (CMS); prepare at least one complete and one partial air quality conformity determination; UPWP preparation; MTIP preparation.
6-	Tangible Product Expected	CMS, UPWP, MTIP
7-	Expected Completion Date of Product(s)	CMS: 3rd quarter; UPWP: 4th quarter; MTIP: 4th quarter
8-	Previous Work	UPWP, MTIP, and HCL List. These are continuing items.
9-	Prior FTA Funds	\$0.00
10-	Relationship To Other Activities	
11-	Agency Responsible for Task Completion	CDOT, CMPC, NCDOT
12-	SPR - Highway - NCDOT 20%	\$2,250
13-	SPR - Highway - FHWA 80%	\$9,000
14-	Section 104 (f) PL Local 20%	\$18,750
15-	Section 104 (f) PL FHWA 80%	\$75,000
16-	Section 5303 Local 10%	\$0
17-	Section 5303 NCDOT 10%	\$0
18-	Section 5303 FTA 80%	\$0
19-	STP-DA - Local 20%	\$0
20-	STP-DA - FHWA 80%	\$0

Mecklenburg-Union MPO - FY 08
Funding Sources Table and Task Narrative

1-	MPO Name	Mecklenburg-Union
2-	FTA Code	44.23.01
3-	Task Code	VI
4-	Title of Planning Task	Administration
5-	Task Objective	Public involvement, corridor protection and special studies, regional and/or statewide planning, support of TCC and MPO. MUMPO will work with its regional partners on the completion of a regional HOT/HOV System Plan.
6-	Tangible Product Expected	Products from 5 suballocations: Cornelius, Davidson, Huntersville, Indian Trail, Waxhaw. Vehicle starts study; regional HOT/HOV system plan; definition of alignments of proposed roadway extensions and/or realignments.
7-	Expected Completion Date of Product(s)	Jun-08
8-	Previous Work	Products from PL fund suballocations; other activities are on-going.
9-	Prior FTA Funds	\$240,000.00
10-	Relationship To Other Activities	
11-	Agency Responsible for Task Completion	CDOT, CMPC, NCDOT, Huntersville, Davidson, Cornelius, Indian Trail, Waxhaw
12-	SPR - Highway - NCDOT 20%	\$4,000
13-	SPR - Highway - FHWA 80%	\$16,000
14-	Section 104 (f) PL Local 20%	\$1,015,000
15-	Section 104 (f) PL FHWA 80%	\$406,000
16-	Section 5303 Local 10%	\$12,150
17-	Section 5303 NCDOT 10%	\$12,150
18-	Section 5303 FTA 80%	\$97,200
19-	STP-DA - Local 20%	\$0
20-	STP-DA - FHWA 80%	\$0

Mecklenburg-Union Urban Area
 FY 2008 Unified Planning Work Program
 Funding Sources and Projects

TASK CODE	TASK DESCRIPTION	SPR		SEC. 104(f) PL		SECTION 5303			STP-DA		LOCAL	TASK FUNDING SUMMARY			TOTAL
		Highway		Highway/Transit		Transit/Highway			LOCAL	FHWA	LOCAL	STATE	FEDERAL		
		NCDOT 20%	FHWA 80%	LOCAL 20%	FHWA 80%	LOCAL 10%	NCDOT 10%	FTA 80%	LOCAL 20%	FHWA 80%	LOCAL	STATE	FEDERAL		
II. CONTINUING TRANSPORTATION PLANNING		\$1,400	\$5,600	\$81,650	\$326,600	\$0	\$0	\$0	\$0	\$0	\$0	\$81,650	\$1,400	\$332,200	\$415,250
II-1	Traffic Volume Counts	\$0	\$0	\$39,000	\$156,000	\$0	\$0	\$0	\$0	\$0	\$0	\$39,000	\$0	\$156,000	\$195,000
II-3	Street System Changes	\$0	\$0	\$1,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$0	\$4,000	\$5,000
II-4	Traffic Accidents	\$250	\$1,000	\$26,250	\$105,000	\$0	\$0	\$0	\$0	\$0	\$0	\$26,250	\$250	\$106,000	\$132,500
II-6	Dwelling Unit, Population & Employment Change	\$250	\$1,000	\$6,000	\$24,000	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000	\$250	\$25,000	\$31,250
II-8	Vehicle Occupancy Rates	\$0	\$0	\$1,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$0	\$4,000	\$5,000
II-9	Travel Time Studies	\$400	\$1,600	\$1,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$400	\$5,600	\$7,000
II-10	GIS Analysis & Mapping	\$500	\$2,000	\$6,000	\$24,000	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000	\$500	\$26,000	\$32,500
II-11	Parking Inventory	\$0	\$0	\$400	\$1,600	\$0	\$0	\$0	\$0	\$0	\$0	\$400	\$0	\$1,600	\$2,000
II-12	Bicycle & Pedestrian Facilities Inventory	\$0	\$0	\$1,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$0	\$4,000	\$5,000
III. TRAVEL DEMAND MODEL		\$0	\$0	\$58,000	\$232,000	\$30,164	\$30,164	\$241,312	\$0	\$0	\$0	\$88,164	\$30,164	\$473,312	\$591,640
III-1	Collection of Base Year Data	\$0	\$0	\$8,000	\$32,000	\$0	\$0	\$0	\$0	\$0	\$0	\$8,000	\$0	\$32,000	\$40,000
III-2	Collection of Network Data	\$0	\$0	\$1,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$0	\$4,000	\$5,000
III-3	Travel Model Updates	\$0	\$0	\$15,000	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000	\$0	\$60,000	\$75,000
III-4	Travel Surveys	\$0	\$0	\$25,000	\$100,000	\$26,789	\$26,789	\$214,312	\$0	\$0	\$0	\$51,789	\$26,789	\$314,312	\$392,890
III-5	Forecast of Data to Horizon Years	\$0	\$0	\$0	\$0	\$3,375	\$3,375	\$27,000	\$0	\$0	\$0	\$3,375	\$3,375	\$27,000	\$33,750
III-6	Forecasts of Future Travel Patterns	\$0	\$0	\$8,000	\$32,000	\$0	\$0	\$0	\$0	\$0	\$0	\$8,000	\$0	\$32,000	\$40,000
III-7	Capacity Deficiency Analysis	\$0	\$0	\$1,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$0	\$4,000	\$5,000
IV. LONG-RANGE TRANSPORTATION PLANNING		\$0	\$0	\$15,400	\$61,600	\$0	\$0	\$0	\$0	\$0	\$0	\$15,400	\$0	\$61,600	\$77,000
IV-1	Community Goals & Objectives	\$0	\$0	\$1,200	\$4,800	\$0	\$0	\$0	\$0	\$0	\$0	\$1,200	\$0	\$4,800	\$6,000
IV-2	Highway Element of LRTP	\$0	\$0	\$6,400	\$25,600	\$0	\$0	\$0	\$0	\$0	\$0	\$6,400	\$0	\$25,600	\$32,000
IV-3	Transit Element of LRTP	\$0	\$0	\$200	\$800	\$0	\$0	\$0	\$0	\$0	\$0	\$200	\$0	\$800	\$1,000
IV-4	Bicycle & Pedestrian Element of LRTP	\$0	\$0	\$1,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$0	\$4,000	\$5,000
IV-5	Airport/Air Travel Element of LRTP	\$0	\$0	\$200	\$800	\$0	\$0	\$0	\$0	\$0	\$0	\$200	\$0	\$800	\$1,000
IV-6	Collector Street Element of LRTP	\$0	\$0	\$600	\$2,400	\$0	\$0	\$0	\$0	\$0	\$0	\$600	\$0	\$2,400	\$3,000
IV-7	Rail Element of LRTP	\$0	\$0	\$200	\$800	\$0	\$0	\$0	\$0	\$0	\$0	\$200	\$0	\$800	\$1,000
IV-8	Freight Movement/Mobility Element of LRTP	\$0	\$0	\$1,600	\$6,400	\$0	\$0	\$0	\$0	\$0	\$0	\$1,600	\$0	\$6,400	\$8,000
IV-9	Financial Planning	\$0	\$0	\$4,000	\$16,000	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000	\$0	\$16,000	\$20,000
V. CONTINUING PROGRAMS		\$2,250	\$9,000	\$18,750	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$18,750	\$2,250	\$84,000	\$105,000
V-1	Congestion Management Strategies	\$500	\$2,000	\$5,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$500	\$22,000	\$27,500
V-2	Air Quality/Conformity Analysis	\$500	\$2,000	\$8,000	\$32,000	\$0	\$0	\$0	\$0	\$0	\$0	\$8,000	\$500	\$34,000	\$42,500
V-3	Planning Work Program	\$250	\$1,000	\$2,000	\$8,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$250	\$9,000	\$11,250
V-4	Transportation Improvement Program	\$1,000	\$4,000	\$3,750	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,750	\$1,000	\$19,000	\$23,750
VI. ADMINISTRATION		\$4,000	\$16,000	\$101,500	\$406,000	\$32,150	\$32,150	\$257,200	\$0	\$0	\$395,000	\$528,650	\$36,150	\$679,200	\$1,244,000
VI-1	Title VI	\$0	\$0	\$200	\$800	\$0	\$0	\$0	\$0	\$0	\$0	\$200	\$0	\$800	\$1,000
VI-2	Environmental Justice	\$0	\$0	\$400	\$1,600	\$0	\$0	\$0	\$0	\$0	\$0	\$400	\$0	\$1,600	\$2,000
VI-6	Public Involvement	\$750	\$3,000	\$2,000	\$8,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$750	\$11,000	\$13,750
VI-8	Transportation Enhancement Planning	\$0	\$0	\$400	\$1,600	\$0	\$0	\$0	\$0	\$0	\$0	\$400	\$0	\$1,600	\$2,000
VI-9	Environ. Analysis & Pre-TIP Planning	\$1,000	\$4,000	\$2,500	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500	\$1,000	\$14,000	\$17,500
VI-10	Corridor Protection and Special Studies	\$500	\$2,000	\$62,250	\$249,000	\$12,150	\$12,150	\$97,200	\$0	\$0	\$395,000	\$469,400	\$12,650	\$348,200	\$830,250
VI-11	Regional or Statewide Planning*	\$500	\$2,000	\$7,500	\$30,000	\$20,000	\$20,000	\$160,000	\$0	\$0	\$0	\$27,500	\$20,500	\$192,000	\$240,000
VI-12	Management and Operations	\$1,250	\$5,000	\$26,250	\$105,000	\$0	\$0	\$0	\$0	\$0	\$0	\$26,250	\$1,250	\$110,000	\$137,500
TOTALS		\$7,650	\$30,600	\$275,300	\$1,101,200	\$62,314	\$62,314	\$498,512	\$0	\$0	\$395,000	\$732,614	\$69,964	\$1,630,312	\$2,432,890

* 5303 Funds in VI-11 are carried over from FY 07

**MECKLENBURG - UNION
METROPOLITAN PLANNING ORGANIZATION
FY 08 UPWP PL FUNDS (80 percent portion)**

TASK CODE	TASK DESCRIPTION	AGENCY OR JURISDICTION						TOTAL
		CDOT	C-MPC	CORNELIUS	DAVIDSON	H'VILLE	IND TRAIL	
II. Continuing Transportation		\$326,600	\$0	\$0	\$0	\$0	\$0	\$326,600
II-1	Traffic Volume Counts	\$156,000						\$156,000
II-3	Street System Changes	\$4,000						\$4,000
II-4	Traffic Accidents	\$105,000						\$105,000
II-6	Dweling Unit, Pop. & Emplymnt Change	\$24,000						\$24,000
II-8	Vehicle Occupancy Rates	\$4,000						\$4,000
II-9	Travel Time Studies	\$4,000						\$4,000
II-10	GIS Analysis & Mapping	\$24,000						\$24,000
II-11	Parking Inventory	\$1,600						\$1,600
II-12	Bicycle & Pedestrian Facilities Inventory	\$4,000						\$4,000
III. Travel Demand Model		\$232,000	\$0	\$0	\$0	\$0	\$0	\$232,000
III-1	Collection Base Year Data	\$32,000						\$32,000
III-2	Collection of Network Data	\$4,000						\$4,000
III-3	Travel Model Updates	\$60,000						\$60,000
III-4	Travel Surveys	\$100,000						\$100,000
III-5	Forecast of Data to Horizon Years	\$0						\$0
III-6	Forecast of Future Travel Patterns	\$32,000						\$32,000
III-7	Capacity Deficiency Analysis	\$4,000						\$4,000
IV. Long-Range Transportation Plan		\$61,600	\$0	\$0	\$0	\$0	\$0	\$61,600
IV-1	Community Goals & Objectives	\$4,800						\$4,800
IV-2	Highway Element of the LRTP	\$25,600						\$25,600
IV-3	Transit Element of the LRTP	\$800						\$800
IV-4	Bicycle & Pedestrian Element of LRTP	\$4,000						\$4,000
IV-5	Airport/Air Travel Element of the LRTP	\$800						\$800
IV-6	Collector Street Element of the LRTP	\$2,400						\$2,400
IV-7	Rail Element of the LRTP	\$800						\$800
IV-8	Freight Movement/Mobility Elem of LRTP	\$6,400						\$6,400
IV-9	Financial Planning	\$16,000						\$16,000
V. Continuing Programs		\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
V-1	Congestion Management Strategies	\$20,000						\$20,000
V-2	Air Quality/Conformity Analysis	\$32,000						\$32,000
V-3	Planning Work Program	\$8,000						\$8,000
V-4	TIP	\$15,000						\$15,000
VI. Administration		\$216,000	\$100,000	\$15,000	\$20,000	\$20,000	\$20,000	\$406,000
VI-1	Title VI	\$800						\$800
VI-2	Environmental Justice	\$1,600						\$1,600
VI-6	Public Involvement	\$8,000						\$8,000
VI-8	Transportation Enhancement Planning	\$1,600						\$1,600
VI-9	Environ Analysis & Pre-TIP Planning	\$10,000						\$10,000
VI-10	Corridor Protection & Special Studies	\$159,000		\$15,000	\$20,000	\$20,000	\$20,000	\$249,000
VI-11	Regional or Statewide Planning	\$30,000						\$30,000
VI-12	Management and Operations	\$5,000	\$100,000					\$105,000
TOTALS		\$911,200	\$100,000	\$15,000	\$20,000	\$20,000	\$20,000	\$1,101,200

**Mecklenburg-Union Urban Area
FY 08 Planning Work Program
Section 5303 Summary**

SECTION 5303

FTA Code	Task Code	Task Code Title	Description	Current FTA Section 5303 Funding	Prior FTA Section 5303 Funding	Product
442300	B	Travel Demand Model	Conduct small sample surveys for use in updating baseline data for home interview survey, external station survey, workplace survey and vehicle classification counts. Conduct household survey in South Corridor	\$241,312	\$85,760	Surveys vehicle classification counts
442300	C	Administration	Travel demand modeling work associated with the HOV/HOT study, including the purchase of an additional transmodeler license.	\$257,200	\$240,000	HOV/HOT System Plan

Task Descriptions

MUMPO

FY 08 Unified Planning Work Program

The following provides descriptions of the work proposed to be performed during FY 08.

II Continuing Transportation

II-1 Traffic Volume Counts

Work performed as outlined in the Prospectus.

Funding source: PL Funds

II-3 Street System Changes

Work to be performed will relate to the maintenance of the inventory of the geometrics and signalization of the street system.

Funding source: PL Funds

II-4 Traffic Accidents

Work performed as outlined in the Prospectus.

Funding source: PL Funds

II-6 Dwelling Unit, Population & Employment Changes

- Rezoning petitions will be reviewed to determine impacts that may result and to determine the new, updated or enhanced transportation services necessary to meet the anticipated impacts. This will include, but not be limited to, identification of internal and external connectivity opportunities, sidewalk system improvements, bicycle accommodations, etc.
- An indirect & cumulative impact study will be conducted as a part of the environmental impact study of the Monroe Bypass/Connector study.

Funding source: PL Funds

II-8 Vehicle Occupancy Rates

Collect data at 21 gateway locations to Charlotte central business district (CBD) for two-hour AM peak. Prepare peak hour, two-hour vehicle occupancy rates (VOR) by location, yearly, and total CBD reports. Collect VOR as needed for special projects.

Funding source: PL Funds

II-9 Travel Time Studies

Collect travel time data on major/minor arterials from Charlotte CBD to MUMPO limits. Prepare reports and maps. Collect travel time data as needed for special projects.

Funding source: PL Funds

II-10 GIS Analysis & Mapping

The LRTP update effort will require a significant amount of data analysis and mapping.

Funding source: PL Funds

Task Descriptions

MUMPO

FY 08 Unified Planning Work Program

II-11 Parking Inventory

Count number of spaces and number of occupied spaces, collect pricing and type (monthly - daily, public - private) data for all surface lots and garage parking facilities. Prepare reports and maps.
Funding source: PL Funds

II-12 Bicycle & Pedestrian Facilities Inventory

A pilot project will be undertaken to inventory sidewalks in a sub-area of Charlotte. This will be a precursor to a large-scale project to inventory all sidewalks in the city.
Funding source: PL Funds

III Travel Demand Model

III-1 Collection of Base Year Data

Update of population, housing, employment and school enrollment data.
Funding source: PL Funds

III-2 Collection of Network Data

Update of roadway network data, such as posted speed limits, number of lanes, traffic signal locations, etc.
Funding source: PL Funds

III-3 Travel Model Updates

Annual model maintenance: incorporate updated model data into the working model set; develop improved algorithms and scripts to enhance applications of the model; develop tools to produce a "user-friendly" model for end users and incorporate improvements resulting from the above; model documentation; provide training to NCDOT and SCDOT technical staff; \$25,000 contract for specified technical modeling assistance.
Funding source: PL Funds

III-4 Travel Survey

Conduct small sample surveys for use in updating baseline data for home interview survey, external station survey, workplace survey, and vehicle classification counts; CATS on-board survey.
Funding source: PL Funds & 5303 Funds (CATS survey will use 5303 funds.)

III-5 Forecast of Data to Horizon Years

Review / update projections of population, housing, employment, and school enrollment data.
Funding source: 5303 Funds

III-6 Forecasts of Future Travel Patterns

Travel forecasts.
Funding source: PL Funds

Task Descriptions

MUMPO

FY 08 Unified Planning Work Program

III-7 Capacity Deficiency Analysis

Applications include but are not limited to: the HOV/HOT study; the Transportation Action Plan; and small area plans.

Funding source: PL Funds

IV Long-Range Transportation Plan

IV-1 Community Goals & Objectives

Review and possibly update the goals and objectives of the 2030 Plan for the updated long-range plan.

Funding source: PL Funds

IV-2 Highway Element

Work related to the roadway ranking process for the LRTP update.

Funding source: PL Funds

IV-3 Transit Element

Work related to updating the transit element of the LRTP.

Funding source: PL Funds

IV-4 Bicycle & Pedestrian Element

Work related to updating the bicycle and pedestrian elements of the LRTP.

Funding source: PL Funds

IV-5 Airport/Air Travel Element

Work related to updating the airport element of the LRTP.

Funding source: PL Funds

IV-6 Collector Street Element

Work related to updating collector street information.

Funding source: PL Funds

IV-7 Rail Element

Work related to updating the rail element of the LRTP.

Funding source: PL Funds

IV-8 Freight Movement/Mobility Element

Work related to updating the freight element of the LRTP.

Funding source: PL Funds

IV-9 Financial Planning

New revenue estimates and cost estimates must be developed for the updated LRTP.

Funding source: PL Funds

Task Descriptions

MUMPO

FY 08 Unified Planning Work Program

V Continuing Programs

V-1 Congestion Management Strategies

Update CMS work for the updated LRTP.

Funding source: PL Funds

V-2 Air Quality/Conformity Analysis

The need for at least one complete and one partial air quality conformity analysis is anticipated.

Funding source: PL Funds

V-3 Planning Work Program

Annual preparation of the UPWP

Funding source: PL Funds

V-4 Transportation Improvement Program

Work associated with, but not limited to, the preparation, review, adoption, etc. of the 2009-2015 TIP; amendments to the 2007-2013 TIP.

Funding source: PL Funds

VI Administration

VI-1 Title VI

Some work may be necessary relative to planned Federal certification review.

Funding source: PL Funds

VI-2 Environmental Justice

Outreach to environmental justice communities in preparation of the LRTP update.

Funding source: PL Funds

VI-6 Public Involvement

MUMPO undertakes a variety of efforts each fiscal year that require outreach to the public. These efforts include, but are not limited to, work associated with the long-range transportation plan (LRTP), transportation improvement program (TIP), Unified Planning Work Program (UPWP), corridor studies, etc. Work associated with these and other outreach efforts are linked to this task code.

Funding source: PL Funds

VI-8 Transportation Enhancement Planning

Development of Enhancement ranking criteria. (If a call for projects is to be issued in FY 08.)

Funding source: PL Funds

VI-9 Environmental Analysis & Pre-TIP Planning

Evaluation of the LRTP and selected alternatives.

Funding source: PL Funds

Task Descriptions

MUMPO

FY 08 Unified Planning Work Program

VI-10 Corridor Protection & Special Studies

- PL Suballocations:
 - Cornelius: Nantz Road corridor sidewalk/bike path and ROW study: \$15,000
 - Davidson: Davidson-Concord Road corridor study: \$20,000
 - Huntersville: traffic count program (\$12K); corridor studies (\$6K); staff time-regional transportation planning (\$2K)-total: \$20,000
 - Indian Trail: Preparation of a bicycle plan: \$20,000
 - Waxhaw: downtown circulation study: \$15,000
- Travel demand modeling and other work associated with the HOV/HOT study (including purchase of additional transmodeler license).
- Vehicle starts study: \$45,000. The purpose of this study is to estimate the average number of vehicle starts per day for the region. This is a key parameter in estimating vehicle emissions. (Work to be performed by others.)
- Various projects (performed in-house or by consultants) to define conceptual alignments of proposed Thoroughfare Plan roadway extensions or realignments.

Funding source: PL Funds & 5303 Funds (Work associated with the HOV/HOT study.)

VI-11 Regional or Statewide Planning

- Continued coordination with regional MPO and RPO partners
- Activities associated with the Charlotte Regional Alliance for Transportation (CRAFT)
- Complete work on HOV/HOT System Feasibility Plan.

Funding source: PL Funds & 5303 Funds (5303 Funds are carried over from FY 07)

VI-12 Management & Operations

Work performed as outlined in the Prospectus:

- attending MPO, TCC and Transportation Staff meetings
- preparation of MPO and TCC agendas
- preparation of MPO and TCC meeting minutes
- updating MUMPO's website
- overall management of the daily function of MUMPO

Funding source: PL Funds