

GOLDSBORO URBAN AREA PLANNING WORK PROGRAM

**FISCAL YEAR 2011 - 2012
JULY 1, 2011 - JUNE 30, 2012**



**CITY OF GOLDSBORO
COUNTY OF WAYNE
VILLAGE OF WALNUT CREEK
NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION**

Adopted by Transportation Advisory Committee on:
May 12, 2011

INTRODUCTION

The 2011-2012 Planning Work Program (PWP) outlines the tasks and associated funding sources to include activities that will permit the City of Goldsboro, the Village of Walnut Creek, Wayne County and the North Carolina Department of Transportation to continue transportation planning for the Goldsboro Urban Area. Depending on the specific funding source, tasks funded through the PWP are eligible for reimbursement of 80-90% of their cost from the Federal Highway Administration and Federal Transit Administration through the North Carolina Department of Transportation.

A total budget of **\$643,320** is proposed for the Goldsboro Urban Area to carry out approved transportation planning activities for fiscal year 2011-2012. The PWP for the Goldsboro Urban Area identifies three separate funding sources for Urban Area Planning. A brief description of these funding sources follows:

- Federal Highway Administration Section 104(F) Funds- These funds are dedicated to the urban area to perform transportation planning. They require a 20% match.
- Federal Transit Administration Section 5303 Funds- These funds are used for transit planning in the urban area. The Federal Transit Administration provides 80% of these funds, NCDOT 10%, and there is a required 10% local match.
- Statewide Planning and Research Programs (SPR)-These funds are used by NCDOT to conduct transportation work for the Goldsboro Urban Area MPO.

Local match and work will be completed by the City of Goldsboro, Village of Walnut Creek and Wayne County. All local work will include administrative, manpower and consulting services.

PLANNING WORK PROGRAM NARRATIVE SECTION 104(F)
FISCAL YEAR 2011-2012

CITY OF GOLDSBORO
PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT
VILLAGE OF WALNUT CREEK
WAYNE COUNTY PLANNING DEPARTMENT

(II-A) Surveillance of Change

II-A-1 Traffic Volume Counts (\$7,000)

\$4,000 PL funds are budgeted to conduct ongoing traffic counts/TMC for locations throughout the MPO area. In addition the Transportation Planning Branch has estimated **\$3,000 SPR funds** will be utilized for this task. These counts will assist in traffic studies/operations at different intersections as per citizen complaints.

II-A-2 Vehicle Miles of Travel

Funds have not been budgeted for tasks associated with this line item.

II-A-3 Street System Mileage Changes (\$1,000)

\$1,000 PL funds are budgeted to assist in periodically changing or adding to the major street system maintained by the MPO.

II-A-4 Traffic Accidents (\$1,000)

No PL funds budgeted to provide high accident data for possible future accident studies/operations complaints. Transportation Planning Branch has estimated **\$1,000 SPR funds** to be utilized for this task.

II-A-5 Transit System Data (\$500)

\$500 PL funds are budgeted to assist in the collection of data for determining transit patronage, route changes, service miles, route ridership etc.

II-A-6 Dwelling Unit/Population Changes (\$1,000)

\$1,000 PL funds are budgeted to maintain the existing inventory of dwelling units and population statistics.

II-A-7 Air Travel

Funds have not been budgeted for tasks associated with this line item.

II-A-8 Vehicle Occupancy Counts

Funds have not been budgeted for tasks associated with this line item.

II-A-9 Travel Time Studies (\$500)

No PL funds budgeted for specific travel time studies that may be required during travel model calibration phase. Transportation Planning Branch has estimated \$500 SPR funds to be utilized for this task.

II-A-10 Mapping (\$28,000)

\$25,000 PL funds are budgeted for the generation and/or maintenance of the Geographic Information System files for maps that support transportation plans, program and projects within the Goldsboro MPO Area by both the City and the County. In addition the Transportation Planning Branch has estimated \$3,000 SPR funds to be utilized for this task. Anticipated expenses include licensing of software (\$7,000), maintenance of centerline and address data (\$8,000), ArcView training (\$4,000) and miscellaneous expenses (\$6,000).

II-A-11 Central Area Parking Inventory (\$3,500)

\$500 PL funds are budgeted for the maintenance of inventory data for both on- and off-street parking. Data collection will include parking policies, ownership and rates. Transportation Planning Branch has estimated \$3,000 SPR funds to be utilized for this task.

II-A-12 Bike & Facilities Inventory (\$3,700)

\$700 PL funds are budgeted for the update and maintenance of significant municipal, state and federal bicycle and pedestrian transportation facilities. In addition the Transportation Planning Branch has estimated \$3,000 SPR funds to be utilized for this task.

II-A-13 Bike & Pedestrian Counts

Funds have not been budgeted for tasks associated with this line item.

(II-B) Long-Range Transportation Plan

NOTE: With the upcoming update of the 2035 Urban Area Long-Range Transportation Plan and Comprehensive Transportation Plan due fiscal year 2014-15, anticipated expenses within this category will be expected to begin in this fiscal year.

II-B-1 Collection of Base Year Data (\$1,000)

\$1,000 PL funds have been budgeted for any follow-up work on collection of demographic data in order to update housing and land use information.

II-B-2 Collection of Network Data (\$2,500)

\$500 PL funds have been budgeted for any follow-up work on collection of network data necessary to build a base network for the travel model. In addition the Transportation Planning Branch has estimated \$2,000 SPR funds to be utilized for this task.

II-B-3 Travel Model Updates (\$4,000)

\$2,000 PL funds have been budgeted to continue updates and standard practices of the travel demand model. Transportation Planning Branch has estimated \$2,000 SPR funds to be utilized for this task.

II-B-4 Travel Surveys (\$11,000)

\$1,000 PL funds have been budgeted to perform travel surveys as necessary for the upcoming fiscal year. Transportation Planning Branch has estimated \$10,000 SPR funds to be utilized for this task.

II-B-5 Forecast of Data to Horizon Year (\$1,000)

\$1000 PL funds have been budgeted for the projection of planning data determined by the travel model for a new design year, to monitor significant land use changes and modify future year TAZ files accordingly.

II-B-6 Community Goals & Objectives (\$1,000)

\$1,000 PL funds are budgeted to monitor public input in the evaluation of community goals and objectives set forth in the Long Range Transportation Plan.

II-B-7 Forecast of Future Travel Patterns (\$1,000)

\$1,000 PL funds are budgeted for testing of different travel patterns that may result from using forecasted planning data as input to the travel forecast models.

II-B-8 Capacity Deficiency Analysis

Funds have not been budgeted for tasks associated with this line item.

II-B-9 Highway Element of the LRTP (\$1,000)

\$1,000 PL funds have been budgeted for the identification of highway deficiencies, priorities, and proposed highway improvement solutions and strategies and to provide process documentation and recommendations in the LRTP.

II-B-10 Transit Element of the LRTP (\$1,000)

\$1,000 PL funds are budgeted to identify public transportation deficiencies, priorities, and proposed transit solutions and strategies from the LRTP.

II-B-11 Bicycle & Pedestrian Element of the LRTP (\$3,000)

\$1,000 PL funds have been budgeted for the identification of bicycle deficiencies, priorities, and proposed bicycle and pedestrian improvement solutions and strategies from the LRTP. Transportation Planning Branch has estimated \$2,000 SPR funds to be utilized for this task.

II-B-12 Airport/Air Travel Element of LRTP (\$500)

\$500 PL funds are budgeted for the identification of airport and air service deficiencies, priorities, and proposed airport and air service improvement solutions and strategies from the LRTP.

II-B-13 Collector Street Element of LRTP (\$2,500)

\$500 PL funds have been budgeted for the planning activities relative to traffic operations for the development of street systems and transit accessibility. In addition the Transportation Planning Branch has estimated \$2,000 SPR funds to be utilized for this task.

II-B-14 Rail, Water or Other Mode of LRTP

Funds have not been budgeted for tasks associated with this line item.

II-B-15 Freight Movement/Mobility Planning (\$1,000)

No PL funds have been included for the identification of distribution centers relative to freight planning. Transportation Planning Branch has estimated \$1,000 SPR funds to be utilized for this task.

II-B-16 Financial Planning (\$1,000)

\$500 PL funds have been budgeted for identifying new and alternative funding sources, including new taxing strategies. In addition the Transportation Planning Branch has estimated \$500 SPR funds to be utilized for this task.

II-B-17 Congestion Management Strategies (\$1,000)

No PL funds are budgeted to cover planning strategies associated with Transportation Demand Management, Access Control and Management, Traffic Operations Improvements, Incident Management and Growth Management. Transportation Planning Branch has estimated \$1,000 SPR funds to be utilized for this task.

II-B-18 Air Quality Planning/Conformity Analysis

Funds have not been budgeted for this task.

(III-A) Planning Work Program

III-A Planning Work Program (\$6,000)

\$4,000 PL funds are budgeted for the evaluation of FY 2011-12 PWP and development of FY 2012-2013 PWP. In addition the Transportation Planning Branch has estimated **\$2,000 SPR funds** to be utilized for this task.

(III-B) Transportation Improvement Program

III-B Transportation Improvement Program (\$7,200)

\$5,000 PL funds are budgeted to assist in the development and approval of the 2011-2017 TIP. In addition the Transportation Planning Branch has estimated **\$2,200 SPR funds** to be utilized for this task.

(III-C) Civil Rights Compliance/Other Regulatory Requirements

III-C-1 Title VI (\$500)

\$500 PL funds have been budgeted to insure compliance with requirements of Title VI in urban area policies and practices.

III-C-2 Environmental Justice (\$1,000)

\$500 PL funds have been budgeted to provide update of Civil Rights statistics reports for submittal to FTA to determine MPO compliance with civil rights provisions. In addition the Transportation Planning Branch has estimated **\$500 SPR funds** to be utilized for this task.

III-C-3 Minority Business Enterprise (\$500)

\$500 PL funds have been budgeted for this task to insure compliance requirements issued by FHWA involving planning activities are complying with E.O. 12898.

III-C-4 Planning for the Elderly & Disabled (\$500)

\$500 PL funds have been budgeted to ensure that the special needs of the elderly and disabled are addressed in the transportation planning process.

III-C-5 Safety/Drug Control Planning (\$6,500)

No PL funds have been allocated for the Transportation Planning Branch to perform tasks associated with this item. Transportation Planning Branch has estimated **\$6,500 SPR funds** to be utilized for this task.

III-C-6 Public Involvement (\$6,000)

\$3,500 PL funds are budgeted to provide an open exchange of information and ideas with the public concerning the Goldsboro Urbanized Area Study, Long Range Transportation Plan Update, and Special Studies. In addition the Transportation Planning Branch has estimated \$2,500 SPR funds to be utilized for this task.

III-C-7 Private Sector Participation (\$500)

\$500 PL funds are budgeted for the involvement of the private sector concerning local transportation planning and project activities.

(III-D) Incidental Planning/Project Development

III-D-1 Transportation Enhancement Planning (\$500)

\$500 PL funds have been budgeted to assist in planning activities associated with transportation enhancement tasks.

III-D-2 Environmental Analysis and Pre-Tip Planning (\$1,000)

No PL funds are budgeted for the Statewide Branch and Resource agencies to jointly recommend projects for Pre-Tip Planning. Transportation Planning Branch has estimated \$1,000 SPR funds to be utilized for this task.

III-D-3 Special Studies (\$441,420)

\$426,620 PL funds are budgeted for a variety of consultant services as listed. In addition the Transportation Planning Branch has estimated \$14,800 SPR funds to be utilized for these services.

1.	Turning Movement Count Inventory	\$100,000
2.	Long-Range Transportation Update	\$100,000
3.	Update of the 795 South Corridor to I-40 (including interchange at NC 581)	\$75,000
4.	Wayne Memorial Drive Study from Royall Ave Northerly to new access to US 70 Bypass (Driveway Closures/Traffic Flow)	\$50,000
5.	Goldsboro-Wayne Municipal Airport General Aviation Terminal Area Master Planning Programming & Conceptual Design	\$70,000
6.	Public Transit Activities (5303 funds)	\$31,620

III-D-4 Regional or Statewide Planning (\$3,000)

\$3,000 PL funds are budgeted for the coordination of urban area activities with regional and statewide initiatives.

(III-E) Management & Operations

III-E Management & Operations (\$90,000)

\$80,000 PL funds are budgeted for the Lead Planning Agency to perform necessary activities in order to continue a cooperative, comprehensive, and continuing transportation planning process for the Goldsboro Urban Area. In addition the Transportation Planning Branch has estimated \$10,000 SPR funds to be utilized for this task. Funds will allow for performance of required ongoing administrative and operational tasks to support MPO committees and reporting requirements.

**GOLDSBORO URBAN AREA
PLANNING WORK PROGRAM - FISCAL YEAR 2010-2011
(JULY 1, 2011 - JUNE 30, 2012)**

<u>Task Code</u>	<u>Description</u>	<u>Agency Responsible for Completing Work</u>		
<u>Surveillance of Change (II-A)</u>				
II-A-1	Traffic Volume Counts (\$7,000)	GPD	\$	4,000
		TPB	\$	3,000
II-A-3	Street System Changes (\$1,000)	GPD	\$	1,000
II-A-4	Traffic Accidents (\$1,000)	TPB	\$	1,000
II-A-5	Transit System Data (\$500)	GPD	\$	500
II-A-6	Dwelling Unit/Population Changes (\$1,000)	GPD	\$	1,000
II-A-9	Travel Time Studies (\$500)	TPB	\$	500
II-A-10	Mapping (\$28,000)	GPD	\$	20,000
		WCPD	\$	5,000
		TPB	\$	3,000
II-A-11	Central Area Parking Inventory (\$3,500)	GPD	\$	500
		TPB	\$	3,000
II-A-12	Bicycle and Pedestrian Facilities Inventory (\$3,700)	GPD	\$	700
		TPB	\$	3,000
<u>Long-Range Transportation Plan (II-B)</u>				
II-B-1	Collection of Base Year Data (\$1,000)	GPD	\$	1,000
II-B-2	Collection of Network Data (\$2,500)	GPD	\$	500
		TPB	\$	2,000
II-B-3	Travel Model Updates (\$4,000)	GPD	\$	2,000
		TPB	\$	2,000
II-B-4	Travel Surveys (\$11,000)	GPD	\$	1,000
		TPB	\$	10,000

II-B-5	Forecast of Data to Horizon Year (\$1,000)	GPD	\$	1,000
II-B-6	Community Goals and Objectives (\$1,000)	GPD	\$	1,000
II-B-7	Forecast of Future Travel Patterns (\$1,000)	GPD	\$	1,000
II-B-9	Highway Element of the LRTP (\$1,000)	GPD	\$	1,000
II-B-10	Transit Element of the LRTP (\$1,000)	GPD	\$	1,000
II-B-11	Bicycle & Pedestrian Element of LRTP (\$3,000)	GPD TPB	\$ \$	1,000 2,000
II-B-12	Airport/Air Travel Element of LRTP (\$500)	GPD	\$	500
II-B-13	Collector Street Element of LRTP (\$2,500)	GPD TPB	\$ \$	500 2,000
II-B-15	Freight Movement/Mobility Planning (\$1,000)	TPB	\$	1,000
II-B-16	Financial Planning (\$1,000)	GPD TPB	\$ \$	500 500
II-B-17	Congestion Management Strategies (\$1,000)	TPB	\$	1,000

Planning Work Program (III-A)

III-A	Planning Work Program (\$6,000)	GPD TPB	\$ \$	4,000 2,000
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Transportation Improvement Program (III-B)

III-B	Transportation Improvement Program (\$7,200)	GPD TPB	\$ \$	5,000 2,200
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Civil Rights Compliance/Other Regulatory Regulations (III-C)

III-C-1	Title VI (\$500)	GPD	\$	500
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III-C-2	Environmental Justice (\$1,000)	GPD	\$	500
		TPB	\$	500
III-C-3	Minority Business Enterprise (\$500)	GPD	\$	500
III-C-4	Planning for the Elderly and Disabled (\$500)	GPD	\$	500
III-C-5	Safety/Drug Control Planning (\$6,500)	TPB	\$	6,500
III-C-6	Public Involvement (\$6,000)	GPD	\$	3,500
		TPB	\$	2,500
III-C-7	Private Sector Participation (\$500)	GPD	\$	500

Incidental Planning/Project Development (III-D)

III-D-1	Transportation Enhancement Planning (\$500)	GPD	\$	500
III-D-2	Environmental Analysis and Pre-TIP Planning (\$1,000)	TPB	\$	1,000
III-D-3	Special Studies (\$441,420)	GPD	\$	10,000
		GPD-C	\$	341,620
		WCPD	\$	5,000
		WCPD-C	\$	70,000
		TPB	\$	14,800
III-D-4	Regional or Statewide Planning (\$3,000)	GPD	\$	3,000

Management and Operations (III-E)

III-E	Management and Operations (\$90,000)	GPD	\$	80,000
		TPB	\$	10,000