

**BALTIMORE METROPOLITAN PLANNING ORGANIZATION**

**BALTIMORE REGIONAL TRANSPORTATION BOARD  
RESOLUTION #15-26**

**ENDORING THE FISCAL YEARS 2016 - 2017  
UNIFIED PLANNING WORK PROGRAM AND BUDGET**

**WHEREAS**, the Baltimore Regional Transportation Board (BRTB) is the designated Metropolitan Planning Organization for the Baltimore region, encompassing the Baltimore Urbanized Area, and includes official representatives from the cities of Annapolis and Baltimore, the counties of Anne Arundel, Baltimore, Carroll, Harford, and Howard, as well as representatives of the Maryland Department of Transportation, the Maryland Department of the Environment, the Maryland Department of Planning, and the Maryland Transit Administration; and

**WHEREAS**, the Baltimore Regional Transportation Board was established to manage and provide direction to the Unified Planning Work Program and have undertaken development of a two-year document in cooperation with the Maryland Department of Transportation and the Maryland Transit Administration; and

**WHEREAS**, Title 23 of the U.S. Code, as amended by the 1973 Federal Aid Highway Act, and Section 8 of the Urban Mass Transportation Act of 1964, as amended, provide funds to assist in the financing of studies and other transportation planning activities; and

**WHEREAS**, the 1990 Clean Air Act Amendments, the Americans with Disabilities Act, and the Moving Ahead for Progress in the 21<sup>st</sup> Century Act have established regulations and procedures which require a Metropolitan Planning Organization to develop plans and programs which will support: 1) the economic vitality of the metropolitan area; 2) increase the safety of the transportation system for motorized and non-motorized users; 3) increase security for transportation system users; 4) increase the accessibility and mobility options available to people and for freight; 5) protect and enhance the environment, promote energy conservation, improve quality of life, and promote consistency between transportation improvements and state and local planned growth and economic development patterns; 6) enhance the integration and connectivity of the transportation system, across and between modes; 7) promote efficient system management and operation; and 8) emphasize preservation of the existing transportation system; and

**WHEREAS**, consistent with the Final Rule for Metropolitan Transportation Planning, the Baltimore Regional Transportation Board provided a 30-day (February 20 to March 19, 2015) public participation opportunity during the preparation of the Unified Planning Work Program and Budget; and

**WHEREAS**, attention has been directed to three planning emphasis areas as identified by Secretary Foxx, including: MAP-21 Implementation, Regional models of Cooperation, and Ladders of opportunity; and

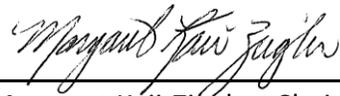
**WHEREAS**, the Baltimore Regional Transportation Board has prepared a work program and budget (Attachments 2016A-2016D) for Fiscal Year 2016 and for Fiscal Year 2017 (Attachments 2017A-2017C) in compliance with applicable federal programs and regulations; and

**NOW, THEREFORE, BE IT RESOLVED** that the Baltimore Regional Transportation Board endorses the Fiscal Year 2016-2017 Unified Planning Work Program and Budget; approves its submission to the appropriate federal agencies; and authorizes the Baltimore Metropolitan Council to enter into contractual arrangements with the Maryland Department of Transportation and the local governmental recipients of federal metropolitan planning funds to carry out the work outlined in the Fiscal Year 2016-2017 Unified Planning Work Program.

**I HEREBY CERTIFY** that the Baltimore Regional Transportation Board as the Metropolitan Planning Organization for the Baltimore region approved the aforementioned resolution at its May 26, 2015 meeting.

5-26-15

Date



\_\_\_\_\_  
Margaret Kaii-Ziegler, Chairman

Baltimore Regional Transportation Board

**FY 2016 UPWP BUDGET****SOURCES**

	FHWA	FTA	MDOT	LOCAL	TOTAL
Unencumbered Balance	\$520,311	\$113,452			\$633,764
FY 16 Appropriations*	\$3,424,158	\$1,211,407	\$525,000	\$792,216	\$5,952,781
FY 16 Funds Available	\$3,944,469	\$1,324,859	\$525,000	\$792,216	\$6,586,545

**USES**

BMC Staff	\$4,505,000
Consultants	\$745,000
<b>BMC Total</b>	<b>\$5,250,000</b>
City of Annapolis	\$82,700
Anne Arundel County	\$129,830
Baltimore City	\$166,595
Baltimore County	\$170,660
Carroll County	\$130,815
Harford County	\$397,740
Howard County	\$257,740
<b>Local Total</b>	<b>\$1,336,080</b>
<b>TOTAL USES</b>	<b>\$6,586,080</b>

\* Projected Appropriations

**FY 2016 WORK PROGRAM BY TASK & FUND SOURCE**  
**(\$)**

	FHWA	FTA	MDOT	LOCAL	TOTAL
UPWP Management	483,911	162,489	64,000	97,600	808,000
Public Participation & Comm. Outreach	98,819	33,182	16,500	16,500	165,000
Professional Consultant Services	446,181	149,820	74,500	74,500	745,000
Long-Range Planning	77,857	26,143	13,000	13,000	130,000
Congestion Management Process	92,830	31,171	15,500	15,500	155,000
Operations Planning	74,863	25,138	12,500	12,500	125,000
Safety Planning and Analysis	74,863	25,138	12,500	12,500	125,000
Bicycle and Pedestrian Planning	68,305	22,935	8,500	14,310	114,050
Freight Mobility Planning	74,863	25,138	12,500	12,500	125,000
Transit Planning and Ladders of Opportunity	239,560	80,440	22,500	57,500	400,000
Human Service Transportation Coordination	44,918	15,083	7,500	7,500	75,000
Emergency Preparedness Planning	56,896	19,105	9,500	9,500	95,000
Transportation Equity Planning	50,907	17,094	8,500	8,500	85,000
Development Monitoring	128,764	43,237	21,500	21,500	215,000
Monitoring System Perform. & Reliability	101,813	34,187	17,000	17,000	170,000
Databases and Travel Surveys	77,857	26,143	13,000	13,000	130,000
GIS Activities	204,285	68,595	32,500	35,720	341,100
Demographic and Socioeconomic Forecasting	348,191	116,917	21,500	94,777	581,385
Analysis of Regional Data and Trends	56,896	19,105	9,500	9,500	95,000
Technical Analysis in support of State Initiatives	119,780	40,220	20,000	20,000	200,000
Current Simulation Tools	188,654	63,347	31,500	31,500	315,000
Expanding the Region's Toolset	173,681	58,319	29,000	29,000	290,000
Transportation Improvement Program	72,793	24,443	9,500	14,809	121,545
Environmental Planning	191,648	64,352	32,000	32,000	320,000
Air Quality Conformity Analysis	62,885	21,116	10,500	10,500	105,000
Subarea Analysis	332,390	111,611	0	111,000	555,000
<b>Total</b>	<b>3,944,403</b>	<b>1,324,461</b>	<b>525,000</b>	<b>792,216</b>	<b>6,586,080</b>

The total budget column reflects a combination of funds for BMC tasks as described throughout the main body of the document, as well as funds for local jurisdictions as described in Appendix B.

## FY 2016 FUNDING BY TASK AND PROJECT SPONSOR

WORK TASKS	BMC SHARE	ANNAPOLIS SHARE	ANNE ARUNDEL COUNTY SHARE	BALTIMORE CITY SHARE	BALTIMORE COUNTY SHARE	CARROLL COUNTY SHARE	HARFORD COUNTY SHARE	HOWARD COUNTY SHARE	TOTAL
UPWP Management	640,000	15,000	25,000	25,000	25,000	28,000	25,000	25,000	\$808,000
Public Part. & Comm. Outreach	165,000								\$165,000
Professional Consultant Services	745,000								\$745,000
Long-Range Planning	130,000								\$130,000
Congestion Management Process	155,000								\$155,000
Operations Planning	125,000								\$125,000
Safety Planning and Analysis	125,000								\$125,000
Bicycle and Pedestrian Planning	85,000	3,810	3,810	3,810	3,810	10,000	3,810		\$114,050
Freight Mobility Planning	125,000								\$125,000
Transit Planning and Ladders of Opportunity	225,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	\$400,000
Human Service Transportation Coordination	75,000								\$75,000
Emergency Preparedness Planning	95,000								\$95,000
Transportation Equity Planning	85,000								\$85,000
Development Monitoring	215,000								\$215,000
Monitoring System Perform. & Reliability	170,000								\$170,000
Databases and Travel Surveys	130,000								\$130,000
GIS Activities	325,000	2,620	2,620	2,620	2,620	3,000	2,620		\$341,100
Demographic and Socioeconomic Forecasting	215,000		37,400	65,000	76,230	28,315	76,230	83,210	\$581,385
Analysis of Regional Data and Trends	95,000								\$95,000
Technical Analysis in support of State/Local Initiatives	200,000								\$200,000
Current Simulation Tools	315,000								\$315,000
Expanding the Region's Toolset	290,000								\$290,000
Transportation Improvement Program	95,000	1,270	1,000	10,165	3,000	1,500	5,080	4,530	\$121,545
Environmental Planning	320,000								\$320,000
Air Quality Conformity Analysis	105,000								\$105,000
Harford County: Subarea Analysis (MD 924)							225,000		\$225,000
Howard County: Subarea Analysis (BRT)								85,000	\$85,000
Regional Subarea Analysis (Bike Map)		35,000	35,000	35,000	35,000	35,000	35,000	35,000	\$245,000
<b>TOTAL</b>	<b>5,250,000</b>	<b>82,700</b>	<b>129,830</b>	<b>166,595</b>	<b>170,660</b>	<b>130,815</b>	<b>397,740</b>	<b>257,740</b>	<b>6,586,080</b>

**FY 2016 SUBAREA ANALYSIS - LOCALS  
PROJECTS & FUND SOURCE**

<b>WORK TASKS</b>	<b>FHWA</b>	<b>FTA</b>	<b>MDOT</b>	<b>LOCAL</b>	<b>TOTAL</b>
<b>Harford County</b> (MD 924 Corridor Study)	\$134,753	\$45,248	\$0	\$45,000	\$225,000
<b>Howard County</b> (BRT Project Development Phase II)	\$50,907	\$17,094	\$0	\$17,000	\$85,000
<b>Regional Subarea</b> (Bicycle Mapping)	\$146,731	\$49,270	\$0	\$49,000	\$245,000
<b>SUBAREA TOTALS</b>	\$332,390	\$111,611	\$0	\$111,000	\$555,000

**FY 2017 UPWP BUDGET****SOURCES**

	FHWA	FTA	MDOT	LOCAL	TOTAL
FY 17 Appropriations*	\$3,424,158	\$1,211,407	\$518,700	\$639,916	\$5,794,181
FY 17 Funds Available	\$3,424,158	\$1,211,407	\$518,700	\$639,916	\$5,794,181

**USES**

BMC Staff	\$4,505,000
Consultants	\$682,000
<b>BMC Total</b>	<b>\$5,187,000</b>
City of Annapolis	\$22,700
Anne Arundel County	\$69,830
Baltimore City	\$106,595
Baltimore County	\$110,660
Carroll County	\$70,815
Harford County	\$112,740
Howard County	\$112,740
<b>Local Total</b>	<b>\$606,080</b>
<b>TOTAL USES</b>	<b>\$5,793,080</b>

\* Projected Appropriations

**FY 2017 WORK PROGRAM BY TASK & FUND SOURCE**  
**(\$)**

	FHWA	FTA	MDOT	LOCAL	TOTAL
UPWP Management	477,528	168,872	64,000	97,600	808,000
Public Participation & Comm. Outreach	97,515	34,485	16,500	16,500	165,000
Professional Consultant Services	403,062	142,538	68,200	68,200	682,000
Long-Range Planning	76,830	27,170	13,000	13,000	130,000
Congestion Management Process	91,605	32,395	15,500	15,500	155,000
Operations Planning	73,875	26,125	12,500	12,500	125,000
Safety Planning and Analysis	73,875	26,125	12,500	12,500	125,000
Bicycle and Pedestrian Planning	67,404	23,836	8,500	14,310	114,050
Freight Mobility Planning	73,875	26,125	12,500	12,500	125,000
Transit Planning and Ladders of Opportunity	132,975	47,025	22,500	22,500	225,000
Human Service Transportation Coordination	44,325	15,675	7,500	7,500	75,000
Emergency Preparedness Planning	56,145	19,855	9,500	9,500	95,000
Transportation Equity Planning	50,235	17,765	8,500	8,500	85,000
Development Monitoring	127,065	44,935	21,500	21,500	215,000
Monitoring System Perform. & Reliability	100,470	35,530	17,000	17,000	170,000
Databases and Travel Surveys	76,830	27,170	13,000	13,000	130,000
GIS Activities	201,590	71,290	32,500	35,720	341,100
Demographic and Socioeconomic Forecasting	343,599	121,509	21,500	94,777	581,385
Analysis of Regional Data and Trends	56,145	19,855	9,500	9,500	95,000
Technical Analysis in support of State Initiatives	118,200	41,800	20,000	20,000	200,000
Current Simulation Tools	186,165	65,835	31,500	31,500	315,000
Expanding the Region's Toolset	171,390	60,610	29,000	29,000	290,000
Transportation Improvement Program	71,833	25,403	9,500	14,809	121,545
Environmental Planning	189,120	66,880	32,000	32,000	320,000
Air Quality Conformity Analysis	62,055	21,945	10,500	10,500	105,000
<b>Total</b>	<b>3,423,710</b>	<b>1,210,754</b>	<b>518,700</b>	<b>639,916</b>	<b>5,793,080</b>

## FY 2017 FUNDING BY TASK AND PROJECT SPONSOR

WORK TASKS	BMC SHARE	ANNAPOLIS SHARE	ANNE ARUNDEL COUNTY SHARE	BALTIMORE CITY SHARE	BALTIMORE COUNTY SHARE	CARROLL COUNTY SHARE	HARFORD COUNTY SHARE	HOWARD COUNTY SHARE	TOTAL
UPWP Management	640,000	15,000	25,000	25,000	25,000	28,000	25,000	25,000	\$808,000
Public Part. & Comm. Outreach	165,000								\$165,000
Professional Consultant Services	682,000								\$682,000
Long-Range Planning	130,000								\$130,000
Congestion Management Process	155,000								\$155,000
Operations Planning	125,000								\$125,000
Safety Planning and Analysis	125,000								\$125,000
Bicycle and Pedestrian Planning	85,000	3,810	3,810	3,810	3,810	10,000	3,810		\$114,050
Freight Mobility Planning	125,000								\$125,000
Transit Planning and Ladders of Opportunity	225,000								\$225,000
Human Service Transportation Coordination	75,000								\$75,000
Emergency Preparedness Planning	95,000								\$95,000
Transportation Equity Planning	85,000								\$85,000
Development Monitoring	215,000								\$215,000
Monitoring System Perform. & Reliability	170,000								\$170,000
Databases and Travel Surveys	130,000								\$130,000
GIS Activities	325,000	2,620	2,620	2,620	2,620	3,000	2,620		\$341,100
Demographic and Socioeconomic Forecasting	215,000		37,400	65,000	76,230	28,315	76,230	83,210	\$581,385
Analysis of Regional Data and Trends	95,000								\$95,000
Technical Analysis in support of State/Local Initiatives	200,000								\$200,000
Current Simulation Tools	315,000								\$315,000
Expanding the Region's Toolset	290,000								\$290,000
Transportation Improvement Program	95,000	1,270	1,000	10,165	3,000	1,500	5,080	4,530	\$121,545
Environmental Planning	320,000								\$320,000
Air Quality Conformity Analysis	105,000								\$105,000
<b>TOTAL</b>	<b>5,187,000</b>	<b>22,700</b>	<b>69,830</b>	<b>106,595</b>	<b>110,660</b>	<b>70,815</b>	<b>112,740</b>	<b>112,740</b>	<b>5,793,080</b>