

**BALTIMORE METROPOLITAN PLANNING ORGANIZATION**

**BALTIMORE REGIONAL TRANSPORTATION BOARD  
RESOLUTION #19-18**

**ENDORISING THE UNIFIED PLANNING WORK PROGRAM AND BUDGET  
FOR FISCAL YEARS 2020 - 2021**

**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, Howard, and Queen Anne's as well as representatives of the Maryland Department of Transportation, the Maryland Department of the Environment, the Maryland Department of Planning, the Maryland Transit Administration, and Harford Transit; 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 Fixing America's Surface Transportation (FAST) 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;
- 8) emphasize preservation of the existing transportation system;
- 9) improve resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation; and
- 10) enhance travel and tourism; and

**WHEREAS**, consistent with the Final Rule for Metropolitan Transportation Planning, the Baltimore Regional Transportation Board provided a 30-day (February 12 to March 14, 2019) public participation opportunity during the preparation of the Unified Planning Work Program and Budget; and

**WHEREAS**, the Baltimore Regional Transportation Board has prepared a work program and budget (Attachments 2020A-2020D) for Fiscal Year 2020 and for Fiscal Year 2021 (Attachments 2021A-2021C) in compliance with applicable federal programs and regulations; and

**NOW, THEREFORE, BE IT RESOLVED** that the Baltimore Regional Transportation Board endorses the Fiscal Year 2020-2021 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 2020-2021 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 April 23, 2019 meeting.

4-24-19

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Date



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Michelle Pourciau, Chair  
Baltimore Regional Transportation Board

**FY 2020 UPWP BUDGET****SOURCES**

	FHWA	FTA	MDOT	LOCAL	TOTAL
FY 20 Appropriations	\$3,738,126	\$1,298,768	\$691,500	\$888,200	\$6,616,594
FY 19 Carryover	\$1,042,034	\$250,004			\$1,292,038
FY 20 Funds Available	\$4,780,160	\$1,548,772	\$691,500	\$888,200	\$7,908,632

**USES**

BMC Staff	\$5,320,000
Consultants	\$1,595,000
<b>BMC Total</b>	<b>\$6,915,000</b>
City of Annapolis	\$34,600
Anne Arundel County	\$256,850
Baltimore City	\$176,800
Baltimore County	\$76,350
Carroll County	\$57,050
Harford County	\$77,400
Howard County	\$247,400
Queen Anne's County	\$57,050
<b>Local Total</b>	<b>\$983,500</b>
<b>TOTAL USES</b>	<b>\$7,898,500</b>

**FY 2020 WORK PROGRAM BY TASK & FUND SOURCE**  
**(\$)**

	FHWA	FTA	MDOT	LOCAL	TOTAL
UPWP Management	544,204	176,596	80,000	100,200	901,000
Professional Consultant Services	1,060,020	343,980	159,500	191,500	1,755,000
Technical Analysis for State/Local Initiatives	108,720	35,280	18,000	18,000	180,000
Long-Range Planning	84,560	27,440	14,000	14,000	140,000
Transportation Improvement Program	82,869	26,891	12,000	15,440	137,200
Public Participation and Community Outreach	147,980	48,020	24,500	24,500	245,000
Transportation Equity Planning	66,440	21,560	11,000	11,000	110,000
GIS Activities	230,305	74,735	37,000	39,260	381,300
Demographic/Socioeconomic Forecasting	273,310	88,690	25,500	65,000	452,500
Development Monitoring	160,060	51,940	26,500	26,500	265,000
Analysis of Regional Data and Trends	169,120	54,880	28,000	28,000	280,000
Maintenance of Current Simulation Tools	211,400	68,600	35,000	35,000	350,000
Simulation Tools Applications/Analysis	181,200	58,800	30,000	30,000	300,000
Safety Planning and Analysis	96,640	31,360	16,000	16,000	160,000
TSMO Planning	93,620	30,380	15,500	15,500	155,000
Emergency Preparedness Planning	72,480	23,520	12,000	12,000	120,000
System Performance: Monitoring/Adapting	226,500	73,500	37,500	37,500	375,000
Freight Mobility Planning	96,640	31,360	16,000	16,000	160,000
Bicycle and Pedestrian Planning	94,526	30,674	13,000	18,300	156,500
Transit and Human Service Planning	208,380	67,620	34,500	34,500	345,000
Environmental Planning	202,340	65,660	33,500	33,500	335,000
Air Quality Conformity Analysis	75,500	24,500	12,500	12,500	125,000
Anne Arundel County Subarea	120,800	39,200	0	40,000	200,000
Baltimore City Subarea	60,400	19,600	0	20,000	100,000
Howard County Subarea	102,680	33,320	0	34,000	170,000
<b>Total</b>	<b>4,770,694</b>	<b>1,548,106</b>	<b>691,500</b>	<b>888,200</b>	<b>7,898,500</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.

Attachment 2020C

FY 2020 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	QUEEN ANNE'S COUNTY SHARE	TOTAL
UPWP Management	800,000	10,000	12,600	12,600	12,600	14,000	12,600	12,600	14,000	\$901,000
Professional Consultant Services	1,595,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	\$1,755,000
Technical Analysis for State/Local Initiatives	180,000									\$180,000
Long-Range Planning	140,000									\$140,000
Transportation Improvement Program	120,000	700	1,550	5,100	1,550	1,550	2,600	2,600	1,550	\$137,200
Public Participation and Community Outreach	245,000									\$245,000
Transportation Equity Planning	110,000									\$110,000
GIS Activities	370,000	1,350	1,350	1,350	1,350	1,600	1,350	1,350	1,600	\$381,300
Demographic/Socioeconomic Forecasting	255,000		18,800	35,200	38,300	14,300	38,300	38,300	14,300	\$452,500
Development Monitoring	265,000									\$265,000
Analysis of Regional Data and Trends	280,000									\$280,000
Maintenance of Current Simulation Tools	350,000									\$350,000
Current and Future Simulation Tools	300,000									\$350,000
Safety Planning and Analysis	160,000									\$160,000
TSMO Planning	155,000									\$155,000
Emergency Preparedness Planning	120,000									\$120,000
System Performance: Monitoring/Adapting	375,000									\$375,000
Freight Mobility Planning	160,000									\$160,000
Bicycle and Pedestrian Planning	130,000	2,550	2,550	2,550	2,550	5,600	2,550	2,550	5,600	\$156,500
Transit and Human Service Planning	345,000									\$345,000
Environmental Planning	335,000									\$335,000
Air Quality Conformity Analysis	125,000									\$125,000
Anne Arundel County Subarea			200,000							\$200,000
Baltimore City Subarea				100,000						\$100,000
Howard County Subarea								170,000		\$170,000
<b>TOTAL</b>	<b>6,915,000</b>	<b>34,600</b>	<b>256,850</b>	<b>176,800</b>	<b>76,350</b>	<b>57,050</b>	<b>77,400</b>	<b>247,400</b>	<b>57,050</b>	<b>7,898,500</b>

**FY 2020 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>Anne Arundel County</b> Feasibility Study for Additional Ramps to Truman Park n Ride (\$100,000) BRT Feasibility Study MD 32 (\$100,000)	\$120,800	\$39,200	\$0	\$40,000	\$200,000
<b>Baltimore City</b> High Crash Reduction Plan (\$100,000)	\$60,400	\$19,600	\$0	\$20,000	\$100,000
<b>Howard County</b> MD 103, MD 108, MD 104 Strategic Corridor Studies (\$100,000) US 1 Traffic Modeling/Land Use Scenarios (\$70,000)	\$102,680	\$33,320	\$0	\$34,000	\$170,000
<b>SUBAREA TOTALS</b>	\$283,880	\$92,120	\$0	\$94,000	\$470,000

## FY 2021 UPWP BUDGET

**SOURCES**

	FHWA	FTA	MDOT	LOCAL	TOTAL
FY 21 Appropriations	\$3,738,126	\$1,298,768	\$611,000	\$646,350	\$6,294,244
FY 20 Carryover	\$0	\$0			\$0
FY 21 Funds Available	\$3,738,126	\$1,298,768	\$611,000	\$646,350	\$6,294,244

**USES**

BMC Staff	\$5,320,000
Consultants	\$790,000
<b>BMC Total</b>	<b>\$6,110,000</b>
City of Annapolis	\$7,300
Anne Arundel County	\$18,425
Baltimore City	\$28,400
Baltimore County	\$28,175
Carroll County	\$18,525
Harford County	\$28,700
Howard County	\$28,700
Queen Anne's County	\$18,525
<b>Local Total</b>	<b>\$176,750</b>
<b>TOTAL USES</b>	<b>\$6,286,750</b>

**FY 2021 WORK PROGRAM BY TASK & FUND SOURCE**  
**(\$)**

	FHWA	FTA	MDOT	LOCAL	TOTAL
UPWP Management	505,197	175,203	80,000	90,100	850,500
Professional Consultant Services	469,260	162,740	79,000	79,000	790,000
Technical Analysis for State/Local Initiatives	106,920	37,080	18,000	18,000	180,000
Long-Range Planning	83,160	28,840	14,000	14,000	140,000
Transportation Improvement Program	76,388	26,492	12,000	13,720	128,600
Public Participation and Community Outreach	145,530	50,470	24,500	24,500	245,000
Transportation Equity Planning	65,340	22,660	11,000	11,000	110,000
GIS Activities	223,136	77,384	37,000	38,130	375,650
Demographic/Socioeconomic Forecasting	210,128	72,873	25,500	45,250	353,750
Development Monitoring	157,410	54,590	26,500	26,500	265,000
Analysis of Regional Data and Trends	166,320	57,680	28,000	28,000	280,000
Maintenance of Current Simulation Tools	207,900	72,100	35,000	35,000	350,000
Simulation Tools Applications/Analysis	178,200	61,800	30,000	30,000	300,000
Safety Planning and Analysis	95,040	32,960	16,000	16,000	160,000
TSMO Planning	92,070	31,930	15,500	15,500	155,000
Emergency Preparedness Planning	71,280	24,720	12,000	12,000	120,000
System Performance: Monitoring/Adapting	222,750	77,250	37,500	37,500	375,000
Freight Mobility Planning	95,040	32,960	16,000	16,000	160,000
Bicycle and Pedestrian Planning	85,091	29,510	13,000	15,650	143,250
Transit and Human Service Planning	204,930	71,070	34,500	34,500	345,000
Environmental Planning	198,990	69,010	33,500	33,500	335,000
Air Quality Conformity Analysis	74,250	25,750	12,500	12,500	125,000
<b>Total</b>	<b>3,734,330</b>	<b>1,295,071</b>	<b>611,000</b>	<b>646,350</b>	<b>6,286,750</b>



## Attachment 2021C

### FY 2021 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	QUEEN ANNE'S COUNTY SHARE	TOTAL
UPWP Management	800,000	5,000	6,300	6,300	6,300	7,000	6,300	6,300	7,000	\$850,500
Professional Consultant Services	790,000									\$790,000
Technical Analysis for State/Local Initiatives	180,000									\$180,000
Long-Range Planning	140,000									\$140,000
Transportation Improvement Program	120,000	350	775	2,550	775	775	1,300	1,300	775	\$128,600
Public Participation and Community Outreach	245,000									\$245,000
Transportation Equity Planning	110,000									\$110,000
GIS Activities	370,000	675	675	675	675	800	675	675	800	\$375,650
Demographic/Socioeconomic Forecasting	255,000		9,400	17,600	19,150	7,150	19,150	19,150	7,150	\$353,750
Development Monitoring	265,000									\$265,000
Analysis of Regional Data and Trends	280,000									\$280,000
Current and Future Simulation Tools	650,000									\$650,000
Freight Mobility Planning	160,000									\$160,000
System Performance: Monitoring/Adapting	375,000									\$375,000
Safety Planning and Analysis	160,000									\$160,000
Operations Planning	155,000									\$155,000
Emergency Preparedness Planning	120,000									\$120,000
Bicycle and Pedestrian Planning	130,000	1,275	1,275	1,275	1,275	2,800	1,275	1,275	2,800	\$143,250
Transit and Human Service Planning	345,000									\$345,000
Environmental Planning	335,000									\$335,000
Air Quality Conformity Analysis	125,000									\$125,000
<b>TOTAL</b>	<b>6,110,000</b>	<b>7,300</b>	<b>18,425</b>	<b>28,400</b>	<b>28,175</b>	<b>18,525</b>	<b>28,700</b>	<b>28,700</b>	<b>18,525</b>	<b>6,286,750</b>