

**BALTIMORE COUNTY, MARYLAND
 FY 2016 CAPITAL BUDGET
 FY 2017-2021 CAPITAL IMPROVEMENT PROGRAM
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**BALTIMORE COUNTY
 APPROPRIATION SUMMARY**

**CAPITAL BUDGET 2016
 CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021**

STAGE 7

SUMMARY OF PROJECT ESTIMATES

DEPT NO.	TITLE	TOTAL	PRIOR	TOTAL	BUDGET	-----FIVE YEAR CAPITAL PROGRAM-----				
		ESTIMATED COST	AUTHOR- IZATIONS	FOR 6YR PROGRAM	YEAR FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
201	SEWER SYSTEM	1,995,264,198	1,195,311,726	799,952,472	269,952,472	0	265,000,000	0	265,000,000	0
203	WATER SYSTEM	1,241,223,370	566,748,370	674,475,000	224,425,000	0	231,025,000	0	219,025,000	0
204	STORM DRAINS	123,475,887	58,022,043	65,453,844	16,190,224	7,887,724	13,418,974	7,268,974	13,418,974	7,268,974
205	STREETS AND HIGHWAYS	529,840,218	374,314,718	155,525,500	40,036,250	22,981,250	43,249,000	500,000	48,259,000	500,000
207	BRIDGES, CULVERTS AND GRADE SEPARATIONS	105,140,620	61,475,620	43,665,000	8,365,000	375,000	17,050,000	0	17,875,000	0
208	REFUSE DISPOSAL	67,336,800	53,164,800	14,172,000	3,930,000	0	7,626,000	0	2,616,000	0
209	COMMUNITY COLLEGE	177,737,503	106,737,503	71,000,000	23,350,000	0	23,575,000	0	24,075,000	0
210	GENERAL GOVERNMENT BUILDINGS	342,753,201	221,806,195	120,947,006	75,947,006	1,000,000	21,000,000	1,000,000	21,000,000	1,000,000
212	PARKS, PRESERVATION AND GREENWAYS	151,661,245	118,530,476	33,130,769	10,330,769	0	11,400,000	0	11,400,000	0
213	SCHOOLS	1,219,000,749	762,729,749	456,271,000	155,334,000	0	150,448,000	0	150,489,000	0
217	LAND PRESERVATION	68,389,788	61,009,788	7,380,000	2,460,000	0	2,460,000	0	2,460,000	0
218	COMMUNITY IMPROVEMENTS	199,163,846	153,163,846	46,000,000	28,000,000	3,000,000	5,000,000	3,000,000	4,000,000	3,000,000
221	WATERWAY IMPROVEMENT FUND	124,010,118	73,468,386	50,541,732	10,901,622	6,745,622	9,801,622	6,745,622	9,601,622	6,745,622
	TOTAL	6,344,997,543	3,806,483,220	2,538,514,323	869,222,343	41,989,596	801,053,596	18,514,596	789,219,596	18,514,596

**BALTIMORE COUNTY
SOURCE OF FUNDING SUMMARY**

CAPITAL BUDGET 2016

CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021

STAGE 7

	TOTAL FOR 6 YR PROGRAM	BUDGET YEAR 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
COUNTY FUNDS							
9331R - GENERAL FUNDS	144,860,266	101,385,266	27,475,000	4,000,000	4,000,000	4,000,000	4,000,000
9339R - REALLOCATED GENERAL FUNDS	6,838	6,838	0	0	0	0	0
9351R - METRO CONSTRUCTION FUND	15,000	5,000	0	5,000	0	5,000	0
9359R - REALLOCATED METRO FUND	0	0	0	0	0	0	0
9441R - CURRENT/FUTURE G O BONDS	657,990,500	146,053,500	0	256,448,000	0	255,489,000	0
9444R - RERELEASED G O BONDS	0	0	0	0	0	0	0
9449R - REALLOCATED G O BONDS	14,723,455	14,723,455	0	0	0	0	0
9451R - METRO BONDS	1,425,560,000	480,120,000	0	476,720,000	0	468,720,000	0
9459R - REALLOCATED METRO BONDS	4,952,472	4,952,472	0	0	0	0	0
TOTAL	2,248,108,531	747,246,531	27,475,000	737,173,000	4,000,000	728,214,000	4,000,000
OUTSIDE FUNDS							
9105R - COMMUNITY BLOCK GRANT	0	0	0	0	0	0	0
9115R - REALLOCATED CDBG	0	0	0	0	0	0	0
9118R - AMERICAN RECOVERY AND REINVEST	0	0	0	0	0	0	0
9119R - FEDERAL/STATE AID	27,320,000	7,705,000	0	9,435,000	0	10,180,000	0
9222R - DEPARTMENT NATURAL RESOURCES	0	0	0	0	0	0	0
9224R - PROGRAM OPEN SPACE	15,200,000	1,200,000	0	7,000,000	0	7,000,000	0
9226R - ST WATERWAY IMPROVE FUND	1,368,000	456,000	0	456,000	0	456,000	0
9229R - STATE AID	64,983,000	43,573,000	0	10,415,000	0	10,995,000	0
9234R - REALLOCATED OPEN SPACE	90,000	90,000	0	0	0	0	0
9236R - REALLOCATED STATE AID	0	0	0	0	0	0	0
9560R - DEVELOPERS RESPONSIBILITY	4,800,000	1,600,000	0	1,600,000	0	1,600,000	0
9563R - HOMEOWNERS REIMBURSEMENT	0	0	0	0	0	0	0
9564R - PETITIONERS RESPONSIBILITY	0	0	0	0	0	0	0
9565R - FIXED DEPOSITS	0	0	0	0	0	0	0
9640R - DEBT PREMIUM	5,889,465	5,889,465	0	0	0	0	0
9650R - STORM WATER WAIVER FEE	0	0	0	0	0	0	0

**BALTIMORE COUNTY
SOURCE OF FUNDING SUMMARY**

CAPITAL BUDGET 2016

CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021

STAGE 7

	TOTAL FOR 6 YR PROGRAM	BUDGET YEAR 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
9660R - STORM WATER FEE	87,087,576	14,514,596	14,514,596	14,514,596	14,514,596	14,514,596	14,514,596
9666R - VERIZON	0	0	0	0	0	0	0
9667R - SALE OF PROPERTY	0	0	0	0	0	0	0
9670R - AGRICULTURAL PRES TAX	1,380,000	460,000	0	460,000	0	460,000	0
9671R - LOCAL OPEN SPACE WAIVER FEE	850,000	350,000	0	250,000	0	250,000	0
9672R - BALTIMORE CITY	4,000,000	0	0	4,000,000	0	0	0
9673R - HARFORD COUNTY	0	0	0	0	0	0	0
9674R - HOWARD COUNTY	12,000,000	4,000,000	0	4,000,000	0	4,000,000	0
9675R - ANNE ARUNDEL COUNTY	6,000,000	2,000,000	0	2,000,000	0	2,000,000	0
9677R - STUDENT FEES	550,000	550,000	0	0	0	0	0
9678R - DONATIONS	0	0	0	0	0	0	0
9679R - OTHER	36,282,000	35,982,000	0	150,000	0	150,000	0
9680R - MD WATER QUALITY REV LOAN	21,000,000	3,000,000	0	9,000,000	0	9,000,000	0
9681R - REALLOCATED MD WATER QUALITY	0	0	0	0	0	0	0
9682R - BALTIMORE CITY-APPROPRIATED	0	0	0	0	0	0	0
9683R - BWI AIRPORT	900,000	300,000	0	300,000	0	300,000	0
9684R - HOWARD COUNTY-APPROPRIATED	0	0	0	0	0	0	0
9685R - REALLOCATED LOS WAIVER	5,751	5,751	0	0	0	0	0
9690R - REFORESTATION WAIVER FEE	700,000	300,000	0	300,000	0	100,000	0
TOTAL	290,405,792	121,975,812	14,514,596	63,880,596	14,514,596	61,005,596	14,514,596
TOTAL CAPITAL PROGRAM	2,538,514,323	869,222,343	41,989,596	801,053,596	18,514,596	789,219,596	18,514,596

**BALTIMORE COUNTY
SOURCE OF FUNDING SUMMARY**

CAPITAL BUDGET 2016

CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021

STAGE 7

201 - SEWER SYSTEM

	TOTAL FOR 6 YR PROGRAM	BUDGET YEAR 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
9351R - METRO CONSTRUCTION FUND	0	0	0	0	0	0	0
9359R - REALLOCATED METRO FUND	0	0	0	0	0	0	0
9451R - METRO BONDS	767,100,000	255,700,000	0	255,700,000	0	255,700,000	0
9459R - REALLOCATED METRO BONDS	4,952,472	4,952,472	0	0	0	0	0
9560R - DEVELOPERS RESPONSIBILITY	0	0	0	0	0	0	0
9674R - HOWARD COUNTY	12,000,000	4,000,000	0	4,000,000	0	4,000,000	0
9675R - ANNE ARUNDEL COUNTY	6,000,000	2,000,000	0	2,000,000	0	2,000,000	0
9679R - OTHER	0	0	0	0	0	0	0
9680R - MD WATER QUALITY REV LOAN	9,000,000	3,000,000	0	3,000,000	0	3,000,000	0
9681R - REALLOCATED MD WATER QUALITY	0	0	0	0	0	0	0
9683R - BWI AIRPORT	900,000	300,000	0	300,000	0	300,000	0
TOTAL	799,952,472	269,952,472	0	265,000,000	0	265,000,000	0

**BALTIMORE COUNTY
SOURCE OF FUNDING SUMMARY**

CAPITAL BUDGET 2016

CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021

STAGE 7

203 - WATER SYSTEM

	TOTAL FOR 6 YR PROGRAM	BUDGET YEAR 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
9119R - FEDERAL/STATE AID	0	0	0	0	0	0	0
9229R - STATE AID	0	0	0	0	0	0	0
9351R - METRO CONSTRUCTION FUND	15,000	5,000	0	5,000	0	5,000	0
9359R - REALLOCATED METRO FUND	0	0	0	0	0	0	0
9451R - METRO BONDS	658,460,000	224,420,000	0	221,020,000	0	213,020,000	0
9459R - REALLOCATED METRO BONDS	0	0	0	0	0	0	0
9560R - DEVELOPERS RESPONSIBILITY	0	0	0	0	0	0	0
9565R - FIXED DEPOSITS	0	0	0	0	0	0	0
9672R - BALTIMORE CITY	4,000,000	0	0	4,000,000	0	0	0
9674R - HOWARD COUNTY	0	0	0	0	0	0	0
9675R - ANNE ARUNDEL COUNTY	0	0	0	0	0	0	0
9680R - MD WATER QUALITY REV LOAN	12,000,000	0	0	6,000,000	0	6,000,000	0
9684R - HOWARD COUNTY-APPROPRIATED	0	0	0	0	0	0	0
TOTAL	674,475,000	224,425,000	0	231,025,000	0	219,025,000	0
TOTAL WATER AND SEWER FUND	1,474,427,472	494,377,472	0	496,025,000	0	484,025,000	0

**BALTIMORE COUNTY
SOURCE OF FUNDING SUMMARY**

CAPITAL BUDGET 2016

CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021

STAGE 7

204 - STORM DRAINS

	TOTAL FOR 6 YR PROGRAM	BUDGET YEAR 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
9105R - COMMUNITY BLOCK GRANT	0	0	0	0	0	0	0
9119R - FEDERAL/STATE AID	0	0	0	0	0	0	0
9222R - DEPARTMENT NATURAL RESOURCES	0	0	0	0	0	0	0
9229R - STATE AID	0	0	0	0	0	0	0
9331R - GENERAL FUNDS	2,475,000	1,856,250	618,750	0	0	0	0
9441R - CURRENT/FUTURE G O BONDS	17,865,000	6,565,000	0	5,650,000	0	5,650,000	0
9449R - REALLOCATED G O BONDS	0	0	0	0	0	0	0
9560R - DEVELOPERS RESPONSIBILITY	1,500,000	500,000	0	500,000	0	500,000	0
9565R - FIXED DEPOSITS	0	0	0	0	0	0	0
9650R - STORM WATER WAIVER FEE	0	0	0	0	0	0	0
9660R - STORM WATER FEE	43,613,844	7,268,974	7,268,974	7,268,974	7,268,974	7,268,974	7,268,974
9679R - OTHER	0	0	0	0	0	0	0
TOTAL	65,453,844	16,190,224	7,887,724	13,418,974	7,268,974	13,418,974	7,268,974

**BALTIMORE COUNTY
SOURCE OF FUNDING SUMMARY**

CAPITAL BUDGET 2016

CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021

STAGE 7

205 - STREETS AND HIGHWAYS

	TOTAL FOR 6 YR PROGRAM	BUDGET YEAR 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
9118R - AMERICAN RECOVERY AND REINVEST	0	0	0	0	0	0	0
9119R - FEDERAL/STATE AID	6,500,000	6,500,000	0	0	0	0	0
9229R - STATE AID	1,500,000	500,000	0	500,000	0	500,000	0
9331R - GENERAL FUNDS	34,712,500	12,231,250	22,481,250	0	0	0	0
9339R - REALLOCATED GENERAL FUNDS	0	0	0	0	0	0	0
9441R - CURRENT/FUTURE G O BONDS	98,413,000	11,105,000	0	41,149,000	0	46,159,000	0
9449R - REALLOCATED G O BONDS	8,100,000	8,100,000	0	0	0	0	0
9560R - DEVELOPERS RESPONSIBILITY	3,300,000	1,100,000	0	1,100,000	0	1,100,000	0
9564R - PETITIONERS RESPONSIBILITY	0	0	0	0	0	0	0
9565R - FIXED DEPOSITS	0	0	0	0	0	0	0
9660R - STORM WATER FEE	3,000,000	500,000	500,000	500,000	500,000	500,000	500,000
9666R - VERIZON	0	0	0	0	0	0	0
9678R - DONATIONS	0	0	0	0	0	0	0
9679R - OTHER	0	0	0	0	0	0	0
TOTAL	155,525,500	40,036,250	22,981,250	43,249,000	500,000	48,259,000	500,000

**BALTIMORE COUNTY
SOURCE OF FUNDING SUMMARY
CAPITAL BUDGET 2016**

CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021

STAGE 7

207 - BRIDGES, CULVERTS AND GRADE SEPARATIONS

	TOTAL FOR 6 YR PROGRAM	BUDGET YEAR 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
9119R - FEDERAL/STATE AID	20,820,000	1,205,000	0	9,435,000	0	10,180,000	0
9229R - STATE AID	3,120,000	960,000	0	1,040,000	0	1,120,000	0
9331R - GENERAL FUNDS	500,000	125,000	375,000	0	0	0	0
9339R - REALLOCATED GENERAL FUNDS	0	0	0	0	0	0	0
9441R - CURRENT/FUTURE G O BONDS	19,225,000	6,075,000	0	6,575,000	0	6,575,000	0
9449R - REALLOCATED G O BONDS	0	0	0	0	0	0	0
9673R - HARFORD COUNTY	0	0	0	0	0	0	0
TOTAL	43,665,000	8,365,000	375,000	17,050,000	0	17,875,000	0
 TOTAL PUBLIC WORKS	 264,644,344	 64,591,474	 31,243,974	 73,717,974	 7,768,974	 79,552,974	 7,768,974

**BALTIMORE COUNTY
SOURCE OF FUNDING SUMMARY**

CAPITAL BUDGET 2016

CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021

STAGE 7

208 - REFUSE DISPOSAL

	TOTAL	BUDGET	-----FIVE YEAR CAPITAL PROGRAM-----				
	FOR 6 YR	YEAR	FY	FY	FY	FY	FY
	PROGRAM	2016	2017	2018	2019	2020	2021
9331R - GENERAL FUNDS	0	0	0	0	0	0	0
9339R - REALLOCATED GENERAL FUNDS	0	0	0	0	0	0	0
9441R - CURRENT/FUTURE G O BONDS	14,172,000	3,930,000	0	7,626,000	0	2,616,000	0
9449R - REALLOCATED G O BONDS	0	0	0	0	0	0	0
TOTAL	14,172,000	3,930,000	0	7,626,000	0	2,616,000	0
TOTAL REFUSE DISPOSAL	14,172,000	3,930,000	0	7,626,000	0	2,616,000	0

**BALTIMORE COUNTY
SOURCE OF FUNDING SUMMARY**

CAPITAL BUDGET 2016

CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021

STAGE 7

209 - COMMUNITY COLLEGE

	TOTAL	BUDGET	-----FIVE YEAR CAPITAL PROGRAM-----				
	FOR 6 YR	YEAR	FY	FY	FY	FY	FY
	PROGRAM	2016	2017	2018	2019	2020	2021
9229R - STATE AID	26,200,000	8,550,000	0	8,575,000	0	9,075,000	0
9236R - REALLOCATED STATE AID	0	0	0	0	0	0	0
9331R - GENERAL FUNDS	0	0	0	0	0	0	0
9339R - REALLOCATED GENERAL FUNDS	0	0	0	0	0	0	0
9441R - CURRENT/FUTURE G O BONDS	42,050,000	12,050,000	0	15,000,000	0	15,000,000	0
9444R - RERELEASED G O BONDS	0	0	0	0	0	0	0
9449R - REALLOCATED G O BONDS	2,200,000	2,200,000	0	0	0	0	0
9677R - STUDENT FEES	550,000	550,000	0	0	0	0	0
9679R - OTHER	0	0	0	0	0	0	0
TOTAL	71,000,000	23,350,000	0	23,575,000	0	24,075,000	0
 TOTAL COMMUNITY COLLEGES	 71,000,000	 23,350,000	 0	 23,575,000	 0	 24,075,000	 0

**BALTIMORE COUNTY
SOURCE OF FUNDING SUMMARY**

CAPITAL BUDGET 2016

CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021

STAGE 7

210 - GENERAL GOVERNMENT BUILDINGS

	TOTAL FOR 6 YR PROGRAM	BUDGET YEAR 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
9105R - COMMUNITY BLOCK GRANT	0	0	0	0	0	0	0
9115R - REALLOCATED CDBG	0	0	0	0	0	0	0
9119R - FEDERAL/STATE AID	0	0	0	0	0	0	0
9224R - PROGRAM OPEN SPACE	0	0	0	0	0	0	0
9229R - STATE AID	0	0	0	0	0	0	0
9331R - GENERAL FUNDS	47,799,300	42,799,300	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
9339R - REALLOCATED GENERAL FUNDS	4,148	4,148	0	0	0	0	0
9441R - CURRENT/FUTURE G O BONDS	42,250,000	2,250,000	0	20,000,000	0	20,000,000	0
9444R - RERELEASED G O BONDS	0	0	0	0	0	0	0
9449R - REALLOCATED G O BONDS	4,093	4,093	0	0	0	0	0
9640R - DEBT PREMIUM	5,889,465	5,889,465	0	0	0	0	0
9667R - SALE OF PROPERTY	0	0	0	0	0	0	0
9678R - DONATIONS	0	0	0	0	0	0	0
9679R - OTHER	25,000,000	25,000,000	0	0	0	0	0
TOTAL	120,947,006	75,947,006	1,000,000	21,000,000	1,000,000	21,000,000	1,000,000

**BALTIMORE COUNTY
SOURCE OF FUNDING SUMMARY**

CAPITAL BUDGET 2016

CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021

STAGE 7

212 - PARKS, PRESERVATION AND GREENWAYS

	TOTAL	BUDGET	-----FIVE YEAR CAPITAL PROGRAM-----				
	FOR 6 YR PROGRAM	YEAR 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
9105R - COMMUNITY BLOCK GRANT	0	0	0	0	0	0	0
9119R - FEDERAL/STATE AID	0	0	0	0	0	0	0
9222R - DEPARTMENT NATURAL RESOURCES	0	0	0	0	0	0	0
9224R - PROGRAM OPEN SPACE	15,200,000	1,200,000	0	7,000,000	0	7,000,000	0
9226R - ST WATERWAY IMPROVE FUND	0	0	0	0	0	0	0
9229R - STATE AID	334,000	334,000	0	0	0	0	0
9234R - REALLOCATED OPEN SPACE	90,000	90,000	0	0	0	0	0
9331R - GENERAL FUNDS	2,000,000	2,000,000	0	0	0	0	0
9339R - REALLOCATED GENERAL FUNDS	2,690	2,690	0	0	0	0	0
9441R - CURRENT/FUTURE G O BONDS	8,000,000	0	0	4,000,000	0	4,000,000	0
9449R - REALLOCATED G O BONDS	366,328	366,328	0	0	0	0	0
9560R - DEVELOPERS RESPONSIBILITY	0	0	0	0	0	0	0
9671R - LOCAL OPEN SPACE WAIVER FEE	850,000	350,000	0	250,000	0	250,000	0
9678R - DONATIONS	0	0	0	0	0	0	0
9679R - OTHER	6,282,000	5,982,000	0	150,000	0	150,000	0
9685R - REALLOCATED LOS WAIVER	5,751	5,751	0	0	0	0	0
TOTAL	33,130,769	10,330,769	0	11,400,000	0	11,400,000	0
TOTAL RECREATION AND PARKS	33,130,769	10,330,769	0	11,400,000	0	11,400,000	0

**BALTIMORE COUNTY
SOURCE OF FUNDING SUMMARY**

CAPITAL BUDGET 2016

CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021

STAGE 7

213 - SCHOOLS

	TOTAL FOR 6 YR PROGRAM	BUDGET YEAR 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
9229R - STATE AID	26,829,000	26,829,000	0	0	0	0	0
9331R - GENERAL FUNDS	34,373,466	34,373,466	0	0	0	0	0
9339R - REALLOCATED GENERAL FUNDS	0	0	0	0	0	0	0
9441R - CURRENT/FUTURE G O BONDS	391,015,500	90,078,500	0	150,448,000	0	150,489,000	0
9449R - REALLOCATED G O BONDS	4,053,034	4,053,034	0	0	0	0	0
9560R - DEVELOPERS RESPONSIBILITY	0	0	0	0	0	0	0
9640R - DEBT PREMIUM	0	0	0	0	0	0	0
9678R - DONATIONS	0	0	0	0	0	0	0
9679R - OTHER	0	0	0	0	0	0	0
TOTAL	456,271,000	155,334,000	0	150,448,000	0	150,489,000	0
TOTAL SCHOOLS	456,271,000	155,334,000	0	150,448,000	0	150,489,000	0

**BALTIMORE COUNTY
SOURCE OF FUNDING SUMMARY**

CAPITAL BUDGET 2016

CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021

STAGE 7

217 - LAND PRESERVATION

	TOTAL	BUDGET	-----FIVE YEAR CAPITAL PROGRAM-----				
	FOR 6 YR	YEAR	FY	FY	FY	FY	FY
	PROGRAM	2016	2017	2018	2019	2020	2021
9119R - FEDERAL/STATE AID	0	0	0	0	0	0	0
9229R - STATE AID	0	0	0	0	0	0	0
9331R - GENERAL FUNDS	0	0	0	0	0	0	0
9339R - REALLOCATED GENERAL FUNDS	0	0	0	0	0	0	0
9441R - CURRENT/FUTURE G O BONDS	6,000,000	2,000,000	0	2,000,000	0	2,000,000	0
9667R - SALE OF PROPERTY	0	0	0	0	0	0	0
9670R - AGRICULTURAL PRES TAX	1,380,000	460,000	0	460,000	0	460,000	0
9679R - OTHER	0	0	0	0	0	0	0
TOTAL	7,380,000	2,460,000	0	2,460,000	0	2,460,000	0
 TOTAL LAND PRESERVATION	 7,380,000	 2,460,000	 0	 2,460,000	 0	 2,460,000	 0

**BALTIMORE COUNTY
SOURCE OF FUNDING SUMMARY**

CAPITAL BUDGET 2016

CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021

STAGE 7

218 - COMMUNITY IMPROVEMENTS

	TOTAL FOR 6 YR PROGRAM	BUDGET YEAR 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
9105R - COMMUNITY BLOCK GRANT	0	0	0	0	0	0	0
9115R - REALLOCATED CDBG	0	0	0	0	0	0	0
9118R - AMERICAN RECOVERY AND REINVEST	0	0	0	0	0	0	0
9119R - FEDERAL/STATE AID	0	0	0	0	0	0	0
9229R - STATE AID	5,000,000	5,000,000	0	0	0	0	0
9331R - GENERAL FUNDS	23,000,000	8,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
9339R - REALLOCATED GENERAL FUNDS	0	0	0	0	0	0	0
9441R - CURRENT/FUTURE G O BONDS	13,000,000	10,000,000	0	2,000,000	0	1,000,000	0
9449R - REALLOCATED G O BONDS	0	0	0	0	0	0	0
9667R - SALE OF PROPERTY	0	0	0	0	0	0	0
9678R - DONATIONS	0	0	0	0	0	0	0
9679R - OTHER	5,000,000	5,000,000	0	0	0	0	0

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**BALTIMORE COUNTY
SOURCE OF FUNDING SUMMARY**

CAPITAL BUDGET 2016

CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021

STAGE 7

221 - WATERWAY IMPROVEMENT FUND

	TOTAL FOR 6 YR PROGRAM	BUDGET YEAR 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
9119R - FEDERAL/STATE AID	0	0	0	0	0	0	0
9222R - DEPARTMENT NATURAL RESOURCES	0	0	0	0	0	0	0
9226R - ST WATERWAY IMPROVE FUND	1,368,000	456,000	0	456,000	0	456,000	0
9229R - STATE AID	2,000,000	1,400,000	0	300,000	0	300,000	0
9236R - REALLOCATED STATE AID	0	0	0	0	0	0	0
9331R - GENERAL FUNDS	0	0	0	0	0	0	0
9339R - REALLOCATED GENERAL FUNDS	0	0	0	0	0	0	0
9441R - CURRENT/FUTURE G O BONDS	6,000,000	2,000,000	0	2,000,000	0	2,000,000	0
9449R - REALLOCATED G O BONDS	0	0	0	0	0	0	0
9560R - DEVELOPERS RESPONSIBILITY	0	0	0	0	0	0	0
9563R - HOMEOWNERS REIMBURSEMENT	0	0	0	0	0	0	0
9650R - STORM WATER WAIVER FEE	0	0	0	0	0	0	0
9660R - STORM WATER FEE	40,473,732	6,745,622	6,745,622	6,745,622	6,745,622	6,745,622	6,745,622
9679R - OTHER	0	0	0	0	0	0	0
9682R - BALTIMORE CITY-APPROPRIATED	0	0	0	0	0	0	0
9690R - REFORESTATION WAIVER FEE	700,000	300,000	0	300,000	0	100,000	0
TOTAL	50,541,732	10,901,622	6,745,622	9,801,622	6,745,622	9,601,622	6,745,622
TOTAL WATERWAY IMPROVEMENT PROGRAM	50,541,732	10,901,622	6,745,622	9,801,622	6,745,622	9,601,622	6,745,622

**BALTIMORE COUNTY, MARYLAND
FY 2016 CAPITAL BUDGET SUMMARY
DISTRIBUTION OF GENERAL OBLIGATION BOND FUNDS**

The 2016 Borrowing Referendum (Programmed FY 2016) was voted upon at the November 4, 2014 General Election.

Class Number	Class Title	Amount
04, 05, 07	Public Works (Storm Drains, Streets and Highways, Bridges)	\$46,370,000
08	Refuse Disposal	\$11,930,000
09	Community College	\$15,000,000
10, 20, 30	General Government, Fire, Police, Library, Senior Center and Recreation Buildings	\$28,500,000
12	Parks, Preservation and Greenways	\$4,000,000
13	Schools	\$157,899,000
17	Land Preservation	\$2,000,000
18	Community Improvements	\$10,000,000
21	Waterway Improvement Program	<u>\$2,000,000</u>
	TOTAL GENERAL OBLIGATION BONDS	<u>\$277,699,000</u>
	A Supplemental Appropriation became effective 3/1/15 appropriating a portion of these amounts into FY 15 as follows:	
05	Public Works (Streets & Highways)	(\$22,625,000)
08	Refuse Disposal	(\$8,000,000)
09	Community College	(\$2,950,000)
10, 20, 30	General Government, Fire, Police, Library, Senior Center and Recreation Buildings	(\$26,250,000)
12	Parks, Preservation and Greenways	(\$4,000,000)
13	Schools	<u>(\$67,820,500)</u>
	Bond Funding in 2016	<u><u>\$146,053,500</u></u>

FY 2016 Funding Reallocations

Budget reallocations occur when previously funded capital budget projects have surplus funds that are available for transfer to other capital budget projects in need of additional funds. The funds below are available for many reasons including project completion, actual construction costs being lower than estimated for budgeting, project delays or deletion. Projects needing additional funds can be the result of higher project costs than estimated, expanded scope, expedited or new capital projects.

FUND	ORG	PROJECT NAME	REVENUE CODE	REVENUE NAME	AMOUNT
210	2050111	STREETS & HIGHWAYS - SUBDIVISIONS	9441R	CURRENT/FUTURE G O BONDS	(100,000)
210	2050250	ALLEY RECONSTRUCTION	9441R	CURRENT/FUTURE G O BONDS	(1,500,000)
210	2050286	MISCELLANEOUS INTERSECTION IMPROVEMENT	9441R	CURRENT/FUTURE G O BONDS	(2,000,000)
210	2050406	WARREN ROAD - EAST	9441R	CURRENT/FUTURE G O BONDS	(4,500,000)
210	2050133	ROADWAY RESURFACING	9449R	REALLOCATED G O BONDS	8,100,000
231	2010073	SPECIAL SEWER HOUSE CONNECTIONS	9451R	METRO BONDS	(2,000,000)
231	2010097	WHITEMARSH MAJOR FACILITIES	9451R	METRO BONDS	(2,952,472)
231	2010072	CITY/COUNTY JOINT USE FACILITIES	9459R	REALLOCATED METRO BONDS	4,952,472
211	2130004	FUEL TANK REPLACEMENTS	9441R	CURRENT/FUTURE G O BONDS	(50,000)
211	2130115	NEW ELEMENTARY SCHOOL	9441R	CURRENT/FUTURE G O BONDS	(3,200,000)
211	2130116	KITCHEN EQUIPMENT UPGRADES	9441R	CURRENT/FUTURE G O BONDS	(350,000)
211	2130672	SITE IMPROVEMENTS	9441R	CURRENT/FUTURE G O BONDS	(453,034)
211	2130671	ROOF REHABILITATION	9449R	REALLOCATED G O BONDS	4,053,034
242	2120305	TOT LOT & SHARED FACILITY DEVELOPMENT	9441R	CURRENT/FUTURE G O BONDS	(359,929)
242	2120306	SCHOOL RECREATION CENTERS	9441R	CURRENT/FUTURE G O BONDS	(5,950)
242	2120755	PARK & RECREATION CENTER ACCESSIBILITY	9224R	PROGRAM OPEN SPACE	(90,000)
242	2120761	LOCAL OPEN SPACE WAIVER FUND	9671R	LOCAL OPEN SPACE WAIVER FEE	(5,751)
242	2120766	WATERFRONT ENHANCEMENT	9441R	CURRENT/FUTURE G O BONDS	(449)
242	2120900	COMMUNITY CONSERVATION REC. FA	9331R	GENERAL FUNDS	(2,690)
242	2120301	RECREATION FACILITY RENOVATIONS	9234R	REALLOCATED OPEN SPACE	90,000
242	2120301	RECREATION FACILITY RENOVATIONS	9339R	REALLOCATED GENERAL FUNDS	2,690
242	2120301	RECREATION FACILITY RENOVATIONS	9449R	REALLOCATED G O BONDS	366,328
242	2120301	RECREATION FACILITY RENOVATIONS	9685R	REALLOCATED LOS WAIVER	5,751
241	2100021	REPLACE EMERGENCY COMMUNICATION SYSTEM	9331R	GENERAL FUNDS	(4,148)
241	2100061	911 CENTER RELOCATION	9441R	CURRENT/FUTURE G O BONDS	(4,093)
241	2100036	NEW BUILDINGS, REPAIR, RENOVATIONS, MINOR AI	9339R	REALLOCATED GENERAL FUNDS	4,148
241	2100036	NEW BUILDINGS, REPAIR, RENOVATIONS, MINOR AI	9449R	REALLOCATED G O BONDS	4,093

FY 2016 Funding Reallocations

Budget reallocations occur when previously funded capital budget projects have surplus funds that are available for transfer to other capital budget projects in need of additional funds. The funds below are available for many reasons including project completion, actual construction costs being lower than estimated for budgeting, project delays or deletion. Projects needing additional funds can be the result of higher project costs than estimated, expanded scope, expedited or new capital projects.

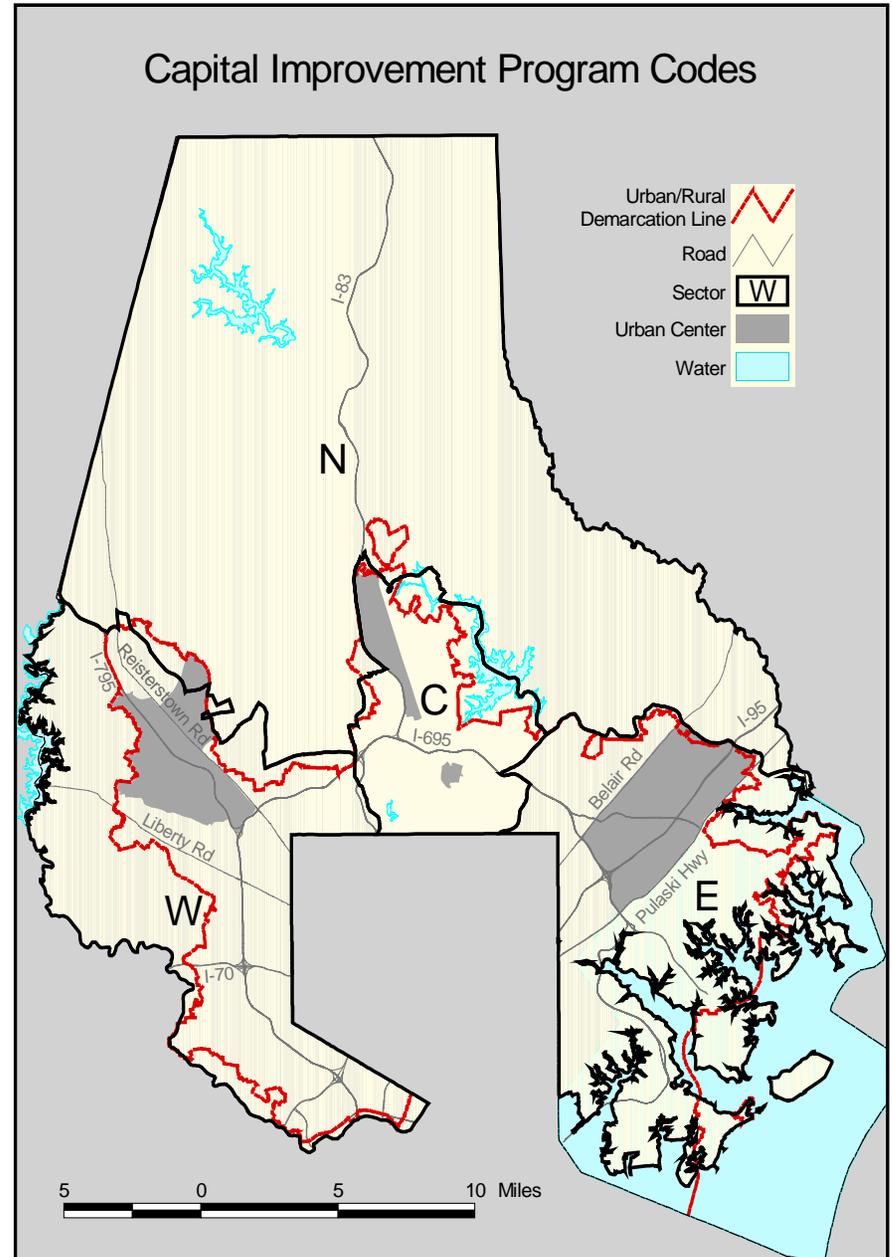
FUND	ORG	PROJECT NAME	REVENUE CODE	REVENUE NAME	AMOUNT
209	2090005	CENTRAL HOT/CHILLED WATER FACILITY	9441R	CURRENT/FUTURE G O BONDS	(900,000)
209	2090005	CENTRAL HOT/CHILLED WATER FACILITY	9441R	CURRENT/FUTURE G O BONDS	(1,000,000)
209	2090100	CAPITAL MAINTENANCE & RENOVATIONS	9441R	CURRENT/FUTURE G O BONDS	(300,000)
209	2090104	ESSEX - RENOVATIONS/ADDITIONS	9449R	REALLOCATED G O BONDS	1,300,000
209	2090106	POWER PLANT MODERNIZATION - ALL	9449R	REALLOCATED G O BONDS	900,000
				Total:	(19,778,516) 19,778,516

CAPITAL IMPROVEMENT PROGRAM SECTOR CODES

1. Enhancement Areas as designated in the Master Plan. These are communities that have experienced a degree of physical decline and require County action to address specific problems such as poor condition of public facilities and private housing stock. They are priority targets for capital improvement funds.
2. Community Conservation Areas as designated in the Master Plan (excluding enhancement areas). These projects foster the preservation and rehabilitation of existing neighborhoods located within these boundaries.
3. Urban Centers as mapped: Owings Mills, White Marsh, Hunt Valley-Timonium and Towson (see map on next page).
4. Rural Development outside the designated boundaries of Growth or Community Conservation Areas. This development is outside the Urban-Rural Demarcation Line (see map on next page).
5. Nonrural Development outside the designated boundaries of Growth or Community Conservation Areas. This development is within the Urban-Rural Demarcation Line (see map on next page).
6. Economic Development projects which will attract new commercial or industrial ventures, including redevelopment.
7. Commercial Revitalization projects in revitalization areas.
8. General Government Facilities such as offices, maintenance shops, storage, equipment yards, etc., which do not directly benefit the surrounding community.
9. Protecting and Managing the Natural Environment including air quality and noise, land resources, water resources and agricultural preservation.

MASTER PLAN SECTORS
(see attached map)

- W Western Sector
- C Central Sector
- E Eastern Sector
- N Northern Sector



BALTIMORE COUNTY, MARYLAND
FY2016 CAPITAL BUDGET
FY2017 - FY2021 CAPITAL IMPROVEMENT PROGRAM
CAPITAL PROJECTS BY CLASSIFICATION

SEWER SYSTEM

The sewage disposal system in Baltimore County consists of neighborhood lateral sewers, interceptor sewers which connect to lateral pipes, and large mains, either working by gravity or under pressure, which convey the raw sewage to pumping stations, and then to treatment plants either in Baltimore City or the City's facility on Back River.

In planning sewer extensions and new sewer facilities, it is essential that facilities be consistent with and assist in the implementation of the adopted Baltimore County Master Plan. In addition, any improvements to existing facilities shall be consistent with the adopted Baltimore County Master Plan.

Not all residences in the County are serviced by sewer lines. Many homes are still serviced by residential septic systems, many of which were installed years ago before sewage systems existed beyond Baltimore City's boundary lines. As these private disposal facilities fail or become a health hazard, extensions to the County's sewage system will be considered in those cases where such extensions are consistent with the adopted Baltimore County Master Plan and where alternative on-lot or community systems are not workable. For the most part, these additions are initiated either by applications submitted by property owners requesting service, or by the County's Department of Environmental Protection and Resource Management for those areas experiencing private disposal difficulties.

The plans that are included in this Capital Improvement Program represent the improvements scheduled for the next six years. This work will be done in phases, as determined by the ability to complete the project in the required sequence, such as engineering, rights-of-way acquisition, and construction of the actual lines.

**BALTIMORE COUNTY
APPROPRIATION SUMMARY**

**CAPITAL BUDGET 2016
CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021**

STAGE 7

201 SEWER SYSTEM

PROJ NO.	TITLE	TOTAL ESTIMATED COST	PRIOR AUTHOR- IZATIONS	TOTAL FOR 6YR PROGRAM	BUDGET YEAR FY 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
						FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
0002	NEIGHBORHOOD PETITION/HEALTH EXT.	24,046,672	16,546,672	7,500,000	2,500,000	0	2,500,000	0	2,500,000	0
0052	CONSTRUCTION AT HIGHWAY SITES	2,055,636	1,755,636	300,000	100,000	0	100,000	0	100,000	0
0072	CITY/COUNTY JOINT USE FACILITIES	627,619,339	442,666,867	184,952,472	84,952,472	0	50,000,000	0	50,000,000	0
0073	SPECIAL SEWER HOUSE CONNECTIONS	11,944,628	8,944,628	3,000,000	1,000,000	0	1,000,000	0	1,000,000	0
0077	MAIN RELINING, REHAB & REPLACEMENT	970,896,780	426,696,780	544,200,000	161,400,000	0	191,400,000	0	191,400,000	0
0090	MISCELLANEOUS SYSTEM IMPROVEMENTS	358,701,143	298,701,143	60,000,000	20,000,000	0	20,000,000	0	20,000,000	0
	TOTAL	1,995,264,198	1,195,311,726	799,952,472	269,952,472	0	265,000,000	0	265,000,000	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
201	2010002	1,2,3,4,5,6,7	1,2,3,5	W,C,E

Project Title: NEIGHBORHOOD PETITION/HEALTH EXT.

Location: COUNTYWIDE

Description

THIS PROJECT WILL FUND THE EXTENSION OF SANITARY SEWERS EITHER AS A NEIGHBORHOOD PETITION PROJECT OR AS A HEALTH PROJECT TO ELIMINATE FAILING, ON-SITE WASTEWATER DISPOSAL SYSTEMS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	1,181,291	1,181,291	0	0	0	0	0	0	0
Engineering (2000)	2,242,971	1,342,971	300,000	0	300,000	0	300,000	0	0
Right of Way (3000)	2,843,033	2,243,033	200,000	0	200,000	0	200,000	0	0
Construction (4000)	17,779,377	11,779,377	2,000,000	0	2,000,000	0	2,000,000	0	0
TOTAL COST	24,046,672	16,546,672	2,500,000	0	2,500,000	0	2,500,000	0	0
Metro Bonds (9451R)	22,993,569	15,493,569	2,500,000	0	2,500,000	0	2,500,000	0	0
Reallocated Metro Bonds (9459R)	914,422	914,422	0	0	0	0	0	0	0
Metro Construction Fund (9351R)	90,356	90,356	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	23,998,347	16,498,347	2,500,000	0	2,500,000	0	2,500,000	0	0
Developers Responsibility (9560R)	48,325	48,325	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	48,325	48,325	0	0	0	0	0	0	0
TOTAL FUNDS	24,046,672	16,546,672	2,500,000	0	2,500,000	0	2,500,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
201	2010052	1,2,3,4,5,6,7	2,3,5	W,C,E

Project Title: CONSTRUCTION AT HIGHWAY SITES

Location: COUNTYWIDE

Description

THIS BUDGET ITEM PROVIDES FOR THE RELOCATION AND/OR INSTALLATION OF SANITARY SEWER LINES IN CONJUNCTION WITH CONSTRUCTION OF STATE AND COUNTY ROADS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	1,042,344	802,344	80,000	0	80,000	0	80,000	0	0
Engineering (2000)	315,000	255,000	20,000	0	20,000	0	20,000	0	0
Construction (4000)	698,292	698,292	0	0	0	0	0	0	0
TOTAL COST	2,055,636	1,755,636	100,000	0	100,000	0	100,000	0	0
Metro Bonds (9451R)	1,924,654	1,624,654	100,000	0	100,000	0	100,000	0	0
Metro Construction Fund (9351R)	41,563	41,563	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	1,966,217	1,666,217	100,000	0	100,000	0	100,000	0	0
Developers Responsibility (9560R)	89,419	89,419	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	89,419	89,419	0	0	0	0	0	0	0
TOTAL FUNDS	2,055,636	1,755,636	100,000	0	100,000	0	100,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
201	2010072	1,2,3,4,5,6,7	1,2,3,5	W,C,E

Project Title: CITY/COUNTY JOINT USE FACILITIES

Location: COUNTYWIDE

Description

THIS BUDGET ITEM WILL FUND THE COUNTY'S SHARE OF COSTS FOR PROJECTS WHICH BENEFIT THE COUNTY THROUGH POLLUTION ABATEMENT AND ENLARGEMENT OF THE SEWAGE SYSTEM WHERE CONSTRUCTION IS ADMINISTERED BY BALTIMORE CITY. THE MAJORITY OF THESE PROJECTS INVOLVE IMPROVEMENTS TO BACK RIVER AND PATAPSCO WASTEWATER TREATMENT PLANTS. IN ADDITION, THE COUNTY MUST FUND ITS PORTION OF BALTIMORE CITY'S CONSENT DECREE MANDATED COLLECTION SYSTEM IMPROVEMENTS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	2,466,817	2,466,817	0	0	0	0	0	0	0
Engineering (2000)	86,385,938	68,385,938	6,000,000	0	6,000,000	0	6,000,000	0	0
Right of Way (3000)	108,946	108,946	0	0	0	0	0	0	0
Construction (4000)	538,657,638	371,705,166	78,952,472	0	44,000,000	0	44,000,000	0	0
TOTAL COST	627,619,339	442,666,867	84,952,472	0	50,000,000	0	50,000,000	0	0
Metro Bonds (9451R)	397,688,662	245,588,662	70,700,000	0	40,700,000	0	40,700,000	0	0
Reallocated Metro Bonds (9459R)	17,373,376	12,420,904	4,952,472	0	0	0	0	0	0
Metro Construction Fund (9351R)	13,649,600	13,649,600	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	428,711,638	271,659,166	75,652,472	0	40,700,000	0	40,700,000	0	0
Other (9679R)	500,000	500,000	0	0	0	0	0	0	0
Howard County (9674R)	44,470,892	32,470,892	4,000,000	0	4,000,000	0	4,000,000	0	0
Anne Arundel County (9675R)	20,987,509	14,987,509	2,000,000	0	2,000,000	0	2,000,000	0	0
Md Water Quality Rev Loan (9680R)	126,821,188	117,821,188	3,000,000	0	3,000,000	0	3,000,000	0	0
BWI Airport (9683R)	6,128,112	5,228,112	300,000	0	300,000	0	300,000	0	0
TOTAL OUTSIDE FUNDS	198,907,701	171,007,701	9,300,000	0	9,300,000	0	9,300,000	0	0
TOTAL FUNDS	627,619,339	442,666,867	84,952,472	0	50,000,000	0	50,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
201	2010077	1,2,3,4,5,6,7	2,3,5	W,C,E

Project Title: MAIN RELINING, REHAB & REPLACEMENT

Location: COUNTYWIDE

Description:

THIS PROJECT WILL ALLOW FOR THE RELINING, REHABILITATION AND REPLACEMENT OF SEWER LINES DUE TO PIPE DETERIORATION OR FAILURE. RELATED WORK MANDATED IN ACCORDANCE WITH BALTIMORE COUNTY'S CONSENT DECREE.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	1,225,000	1,225,000	0	0	0	0	0	0	0
Engineering (2000)	51,744,671	27,744,671	8,000,000	0	8,000,000	0	8,000,000	0	0
Right of Way (3000)	22,086	22,086	0	0	0	0	0	0	0
Construction (4000)	917,905,023	397,705,023	153,400,000	0	183,400,000	0	183,400,000	0	0
TOTAL COST	970,896,780	426,696,780	161,400,000	0	191,400,000	0	191,400,000	0	0
Reallocated Metro Fund (9359R)	2,367,853	2,367,853	0	0	0	0	0	0	0
Metro Bonds (9451R)	964,987,965	420,787,965	161,400,000	0	191,400,000	0	191,400,000	0	0
Reallocated Metro Bonds (9459R)	295,000	295,000	0	0	0	0	0	0	0
Metro Construction Fund (9351R)	1,184,662	1,184,662	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	968,835,480	424,635,480	161,400,000	0	191,400,000	0	191,400,000	0	0
Developers Responsibility (9560R)	2,061,300	2,061,300	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	2,061,300	2,061,300	0	0	0	0	0	0	0
TOTAL FUNDS	970,896,780	426,696,780	161,400,000	0	191,400,000	0	191,400,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
201	2010090	1,2,3,4,5,6,7	1,2,3,5	W,C,E

Project Title: MISCELLANEOUS SYSTEM IMPROVEMENTS

Location: COUNTYWIDE

Description

THIS PROJECT PROVIDES FOR IMPROVEMENTS TO THE SEWER CONVEYANCE SYSTEM. BECAUSE OF BALTIMORE COUNTY'S CONSENT DECREE, MOST OF THE TASKS IN THIS PROJECT HAVE INVOLVED SEWAGE PUMPING STATION INVESTIGATIONS AND SUBSEQUENT REHABILITATION PROJECTS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	3,765,824	3,765,824	0	0	0	0	0	0	0
Engineering (2000)	30,117,775	24,117,775	2,000,000	0	2,000,000	0	2,000,000	0	0
Right of Way (3000)	2,275,000	2,275,000	0	0	0	0	0	0	0
Construction (4000)	322,542,544	268,542,544	18,000,000	0	18,000,000	0	18,000,000	0	0
TOTAL COST	358,701,143	298,701,143	20,000,000	0	20,000,000	0	20,000,000	0	0
Reallocated Metro Fund (9359R)	250,993	250,993	0	0	0	0	0	0	0
Metro Bonds (9451R)	338,375,527	278,375,527	20,000,000	0	20,000,000	0	20,000,000	0	0
Reallocated Metro Bonds (9459R)	6,195,009	6,195,009	0	0	0	0	0	0	0
Metro Construction Fund (9351R)	12,549,384	12,549,384	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	357,370,913	297,370,913	20,000,000	0	20,000,000	0	20,000,000	0	0
Md Water Quality Rev Loan (9680R)	30,232	30,232	0	0	0	0	0	0	0
Reallocated Md Water Quality (9681R)	1,299,998	1,299,998	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	1,330,230	1,330,230	0	0	0	0	0	0	0
TOTAL FUNDS	358,701,143	298,701,143	20,000,000	0	20,000,000	0	20,000,000	0	0

WATER SYSTEM

County residents within the Metropolitan Water and Sewer District are serviced by water mains which are part of the overall system serving Baltimore City and parts of Anne Arundel and Howard counties. Certain major components of the system which are located in the County and serve primarily County residents are built by the County. Other major components built by Baltimore City to accommodate growth in Baltimore County are built under a cost share arrangement with the City.

The projects described in this document will provide adequate supply and pumping capacity to accommodate growth in the demand for public water, including pressurized water required for fire suppression. There is also a substantial amount of funding dedicated for a growing capital maintenance need including lateral and transmission main re-lining and replacement.

Improvements include water storage tanks, transmission mains and pumping stations. The County is divided into thirteen areas for water service based on land configuration. Within each of these areas, there may be several subsystems containing transmission mains, storage tanks and pumping stations.

Projects will be built as demand increases in various areas of the County. Funding for these projects comes from County Metropolitan District Bonds and certain fees paid by those wishing to connect to the system. The Metropolitan District is required by law to be a fully self-supporting financial entity.

**BALTIMORE COUNTY
APPROPRIATION SUMMARY**

**CAPITAL BUDGET 2016
CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021**

STAGE 7

203 WATER SYSTEM

PROJ NO.	TITLE	TOTAL ESTIMATED COST	PRIOR AUTHOR- IZATIONS	TOTAL FOR 6YR PROGRAM	BUDGET YEAR FY 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
						FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
0002	NEIGHBORHOOD PETITIONS WATER EXT.	4,694,484	3,194,484	1,500,000	500,000	0	500,000	0	500,000	0
0006	TOWSON FOURTH ZONE	52,489,140	37,989,140	14,500,000	10,500,000	0	4,000,000	0	0	0
0011	EASTERN THIRD ZONE	20,536,660	8,536,660	12,000,000	0	0	10,000,000	0	2,000,000	0
0012	PIKESVILLE FOURTH ZONE	20,543,918	6,543,918	14,000,000	14,000,000	0	0	0	0	0
0035	MISC DISTRIBUTION SYSTEM IMPROVEMENTS	63,923,146	38,423,146	25,500,000	8,500,000	0	8,500,000	0	8,500,000	0
0050	CONSTRUCTION AT HIGHWAY SITES	5,300,888	3,800,888	1,500,000	500,000	0	500,000	0	500,000	0
0067	MAIN REPLACEMENT AND REHABILITATION	167,287,582	107,287,582	60,000,000	20,000,000	0	20,000,000	0	20,000,000	0
0068	SPECIAL WATER HOUSE CONNECTIONS	730,000	715,000	15,000	5,000	0	5,000	0	5,000	0
0070	FIRE HYDRANTS	770,778	710,778	60,000	20,000	0	20,000	0	20,000	0
0071	CITY/COUNTY JOINT USE FACILITIES	879,724,774	353,324,774	526,400,000	170,400,000	0	186,000,000	0	170,000,000	0
0078	REISTERSTOWN FIFTH ZONE	25,222,000	6,222,000	19,000,000	0	0	1,500,000	0	17,500,000	0
	TOTAL	1,241,223,370	566,748,370	674,475,000	224,425,000	0	231,025,000	0	219,025,000	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
203	2030002	1,2,3,4,5,6,7	1,2,3,5	W,C,E

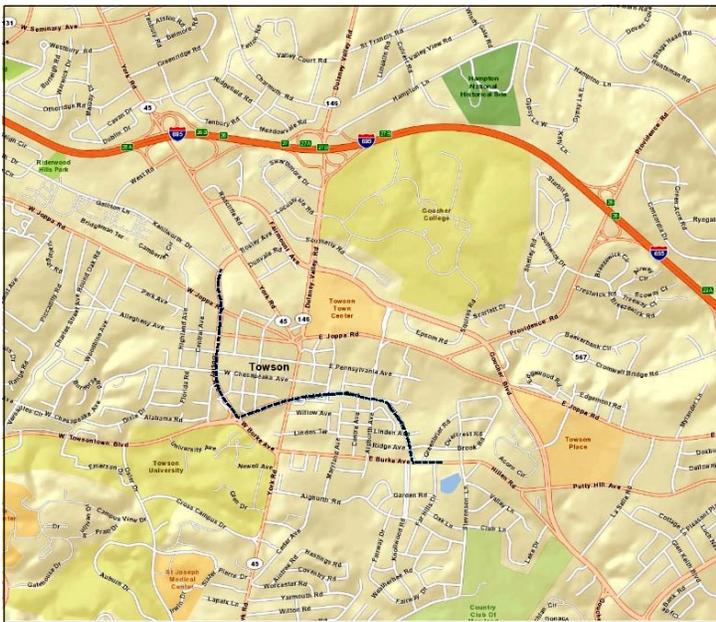
Project Title: NEIGHBORHOOD PETITIONS WATER EXT.

Location: COUNTYWIDE

Description:

PUBLIC WATER EXTENSIONS REQUIRED TO SERVE INDIVIDUAL PROPERTIES. THESE EXTENSIONS ARE INSTALLED BASED UPON PETITIONS SUBMITTED BY PROPERTY OWNERS. IN ADDITION, IN LARGE AREAS OR NEIGHBORHOODS WHERE PRIVATE SYSTEMS ARE FAILING ON A LARGE SCALE, PUBLIC SYSTEMS MAY BE INSTALLED UNDER THIS PROJECT.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	69,274	69,274	0	0	0	0	0	0	0
Engineering (2000)	566,613	341,613	75,000	0	75,000	0	75,000	0	0
Right of Way (3000)	136,784	91,784	15,000	0	15,000	0	15,000	0	0
Construction (4000)	3,921,813	2,691,813	410,000	0	410,000	0	410,000	0	0
TOTAL COST	4,694,484	3,194,484	500,000	0	500,000	0	500,000	0	0
Metro Bonds (9451R)	4,107,848	2,607,848	500,000	0	500,000	0	500,000	0	0
Metro Construction Fund (9351R)	483,546	483,546	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	4,591,394	3,091,394	500,000	0	500,000	0	500,000	0	0
Developers Responsibility (9560R)	103,090	103,090	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	103,090	103,090	0	0	0	0	0	0	0
TOTAL FUNDS	4,694,484	3,194,484	500,000	0	500,000	0	500,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
203	2030006	3,5	2,5	C

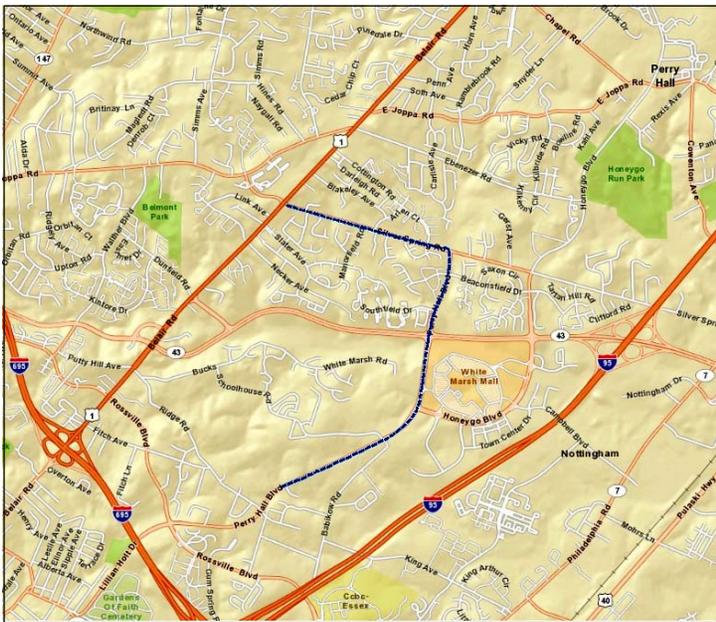
Project Title: TOWSON FOURTH ZONE

Location: TOWSON, YORK ROAD AREA

Description:

FY 2014 FUNDS WILL PROVIDE FOR THE CONSTRUCTION OF APPROXIMATELY 8,000 FEET OF A 42" DIAMETER WATER TRANSMISSION IN THE TOWSON AREA FROM TOWSON PUMPING STATION TO KENILWORTH DRIVE. FUTURE FUNDING IN FY 2016 AND 2018 IS NEEDED FOR THE DESIGN AND CONSTRUCTION OF A 24" WATER MAIN IN YORK ROAD BETWEEN COCKEYSVILLE ROAD AND SHAWAN ROAD TO REPLACE AN OLD CAST IRON PIPELINE.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	118,738	118,738	0	0	0	0	0	0	0
Engineering (2000)	1,495,000	995,000	500,000	0	0	0	0	0	0
Construction (4000)	50,875,402	36,875,402	10,000,000	0	4,000,000	0	0	0	0
TOTAL COST	52,489,140	37,989,140	10,500,000	0	4,000,000	0	0	0	0
Reallocated Metro Fund (9359R)	7,685	7,685	0	0	0	0	0	0	0
Metro Bonds (9451R)	52,158,178	37,658,178	10,500,000	0	4,000,000	0	0	0	0
Metro Construction Fund (9351R)	323,277	323,277	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	52,489,140	37,989,140	10,500,000	0	4,000,000	0	0	0	0
TOTAL FUNDS	52,489,140	37,989,140	10,500,000	0	4,000,000	0	0	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
203	2030011	2,5,6	3,5	E

Project Title: EASTERN THIRD ZONE

Location: NORTHEAST AREA

Description:

IN ORDER TO PROVIDE FOR FUTURE WATER DEMANDS IN THE COUNTY'S NORTHEAST AREA FUNDS ARE NEEDED IN FY2018 FOR THE DESIGN OF A TRANSMISSION MAIN FROM THE FULLERTON PUMPING STATION ALONG PERRY HALL BOULEVARD AND SILVER SPRING ROAD TO BELAIR ROAD (16,000 FEET OF 42 INCH DIAMETER PIPE).

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	3,061,447	3,061,447	0	0	0	0	0	0	0
Engineering (2000)	2,049,037	549,037	0	0	1,500,000	0	0	0	0
Construction (4000)	15,426,176	4,926,176	0	0	8,500,000	0	2,000,000	0	0
TOTAL COST	20,536,660	8,536,660	0	0	10,000,000	0	2,000,000	0	0
Reallocated Metro Fund (9359R)	496,483	496,483	0	0	0	0	0	0	0
Metro Bonds (9451R)	12,512,245	4,512,245	0	0	6,000,000	0	2,000,000	0	0
Reallocated Metro Bonds (9459R)	368,974	368,974	0	0	0	0	0	0	0
Metro Construction Fund (9351R)	3,158,958	3,158,958	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	16,536,660	8,536,660	0	0	6,000,000	0	2,000,000	0	0
Baltimore City (9672R)	4,000,000	0	0	0	4,000,000	0	0	0	0
TOTAL OUTSIDE FUNDS	4,000,000	0	0	0	4,000,000	0	0	0	0
TOTAL FUNDS	20,536,660	8,536,660	0	0	10,000,000	0	2,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
203	2030035	1,2,3,4,5,6,7	1,2,3,5	W,C,E

Project Title: MISC DISTRIBUTION SYSTEM IMPROVEMENTS

Location: COUNTYWIDE

Description:

WATER FACILITY IMPROVEMENTS TO CORRECT COUNTY WATER PRESSURE DEFICIENCIES, REPAIR FACILITIES OR MAKE OTHER MODIFICATIONS OR IMPROVEMENTS. UPGRADE COUNTY GIS SYSTEM FOR LOCATIONS OF WATER MANHOLES, WATER LINES, PUMPING STATIONS, CHLORINATION FACILITIES, TRANSMISSION MAINS, RESERVOIRS, ETC.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	510,855	510,855	0	0	0	0	0	0	0
Engineering (2000)	8,732,851	5,132,851	1,200,000	0	1,200,000	0	1,200,000	0	0
Right of Way (3000)	1,813,005	913,005	300,000	0	300,000	0	300,000	0	0
Construction (4000)	52,866,435	31,866,435	7,000,000	0	7,000,000	0	7,000,000	0	0
TOTAL COST	63,923,146	38,423,146	8,500,000	0	8,500,000	0	8,500,000	0	0
Metro Bonds (9451R)	62,571,880	37,071,880	8,500,000	0	8,500,000	0	8,500,000	0	0
Reallocated Metro Bonds (9459R)	66,021	66,021	0	0	0	0	0	0	0
Metro Construction Fund (9351R)	1,251,145	1,251,145	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	63,889,046	38,389,046	8,500,000	0	8,500,000	0	8,500,000	0	0
Developers Responsibility (9560R)	34,100	34,100	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	34,100	34,100	0	0	0	0	0	0	0
TOTAL FUNDS	63,923,146	38,423,146	8,500,000	0	8,500,000	0	8,500,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
203	2030050	1,2,3,4,5,6,7	1,2,3,5	W,C,E

Project Title: CONSTRUCTION AT HIGHWAY SITES

Location: COUNTYWIDE

Description:

THIS PROJECT PROVIDES FUNDS FOR THE INCORPORATION OF WATER MAIN CONSTRUCTION IN STATE AND COUNTY HIGHWAY CONSTRUCTION PROJECTS. IT ALSO PROVIDES FOR RELOCATING WATER MAINS AT HIGHWAY CONSTRUCTION SITES.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	164,247	164,247	0	0	0	0	0	0	0
Engineering (2000)	1,329,400	1,179,400	50,000	0	50,000	0	50,000	0	0
Construction (4000)	3,807,241	2,457,241	450,000	0	450,000	0	450,000	0	0
TOTAL COST	5,300,888	3,800,888	500,000	0	500,000	0	500,000	0	0
Metro Bonds (9451R)	5,218,488	3,718,488	500,000	0	500,000	0	500,000	0	0
Metro Construction Fund (9351R)	82,400	82,400	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	5,300,888	3,800,888	500,000	0	500,000	0	500,000	0	0
TOTAL FUNDS	5,300,888	3,800,888	500,000	0	500,000	0	500,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
203	2030067	1,2,3,4,5,6,7	1,2,3,5	W,C,E

Project Title: MAIN REPLACEMENT AND REHABILITATION

Location: COUNTYWIDE

Description:

FUNDING TO REPLACE DETERIORATED AND INADEQUATE WATER MAINS OR REHABILITATE BY CLEANING AND CEMENT LINING THE OLD TUBERCULATED WATER MAINS WHERE THE CONDITION OF THESE FACILITIES HAS CAUSED LOW PRESSURE AND/OR DISCOLORED WATER.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	157,393	157,393	0	0	0	0	0	0	0
Engineering (2000)	13,614,745	8,949,745	1,555,000	0	1,555,000	0	1,555,000	0	0
Right of Way (3000)	3,168,615	1,998,615	390,000	0	390,000	0	390,000	0	0
Construction (4000)	150,346,829	96,181,829	18,055,000	0	18,055,000	0	18,055,000	0	0
TOTAL COST	167,287,582	107,287,582	20,000,000	0	20,000,000	0	20,000,000	0	0
Reallocated Metro Fund (9359R)	200,976	200,976	0	0	0	0	0	0	0
Metro Bonds (9451R)	156,479,352	96,479,352	20,000,000	0	20,000,000	0	20,000,000	0	0
Reallocated Metro Bonds (9459R)	2,726,486	2,726,486	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	159,406,814	99,406,814	20,000,000	0	20,000,000	0	20,000,000	0	0
Developers Responsibility (9560R)	24,116	24,116	0	0	0	0	0	0	0
Howard County (9674R)	3,631,935	3,631,935	0	0	0	0	0	0	0
Anne Arundel County (9675R)	3,631,935	3,631,935	0	0	0	0	0	0	0
Md Water Quality Rev Loan (9680R)	592,782	592,782	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	7,880,768	7,880,768	0	0	0	0	0	0	0
TOTAL FUNDS	167,287,582	107,287,582	20,000,000	0	20,000,000	0	20,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
203	2030068	1,2,3,4,5,6,7	1,2,3,5	W,C,E

Project Title: SPECIAL WATER HOUSE CONNECTIONS

Location: COUNTYWIDE

Description:

PLUMBING COSTS FROM PROPERTY LINE TO HOMES IS THE RESPONSIBILITY OF THE HOMEOWNER. THIS IS A PROGRAM MADE AVAILABLE TO PROPERTY OWNERS REQUIRED TO CONNECT TO THE PUBLIC SYSTEM BECAUSE OF UNSAFE PRIVATE WATER SUPPLIES.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	685,000	685,000	0	0	0	0	0	0	0
Construction (4000)	45,000	30,000	5,000	0	5,000	0	5,000	0	0
TOTAL COST	730,000	715,000	5,000	0	5,000	0	5,000	0	0
Metro Bonds (9451R)	325,000	325,000	0	0	0	0	0	0	0
Reallocated Metro Bonds (9459R)	125,000	125,000	0	0	0	0	0	0	0
Metro Construction Fund (9351R)	280,000	265,000	5,000	0	5,000	0	5,000	0	0
TOTAL COUNTY FUNDS	730,000	715,000	5,000	0	5,000	0	5,000	0	0
TOTAL FUNDS	730,000	715,000	5,000	0	5,000	0	5,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
203	2030070	1,2,3,4,5,6,7	1,2,3,5	W,C,E

Project Title: FIRE HYDRANTS

Location: COUNTYWIDE

Description:

FUNDS TO INSTALL FIRE HYDRANTS WHEN CHANGES IN LAND USE REQUIRE ADDITIONAL HYDRANT PROTECTION OR WHEN RELOCATIONS ARE NEEDED BECAUSE OF REPEATED DAMAGE FROM TRAFFIC ACCIDENTS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	578,170	578,170	0	0	0	0	0	0	0
Engineering (2000)	16,000	10,000	2,000	0	2,000	0	2,000	0	0
Right of Way (3000)	31,000	25,000	2,000	0	2,000	0	2,000	0	0
Construction (4000)	145,608	97,608	16,000	0	16,000	0	16,000	0	0
TOTAL COST	770,778	710,778	20,000	0	20,000	0	20,000	0	0
Metro Bonds (9451R)	670,602	610,602	20,000	0	20,000	0	20,000	0	0
Metro Construction Fund (9351R)	100,176	100,176	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	770,778	710,778	20,000	0	20,000	0	20,000	0	0
TOTAL FUNDS	770,778	710,778	20,000	0	20,000	0	20,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
203	2030071	1,2,3,4,5,6,7	1,2,3,5	W,C,E

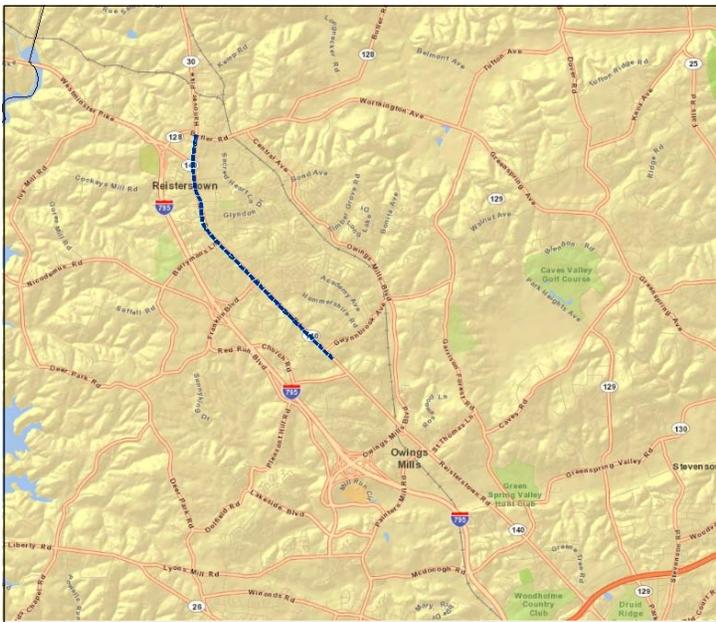
Project Title: CITY/COUNTY JOINT USE FACILITIES

Location: COUNTYWIDE

Description:

THIS BUDGET ITEM WILL PAY THE COUNTY'S SHARE OF THE COSTS FOR PROJECTS, WHICH ARE DESIGNED AND CONSTRUCTED BY BALTIMORE CITY, AND USED JOINTLY BY BOTH THE CITY AND THE COUNTY. THIS BUDGET ITEM ALSO PROVIDES FUNDS FOR THE DESIGN AND CONSTRUCTION OF JOINTLY USED FACILITIES ADMINISTERED BY BALTIMORE COUNTY. THE ADMINISTERING JURISDICTION INVOICES THE OTHER AS WORK IS COMPLETED.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	695,660	695,660	0	0	0	0	0	0	0
Engineering (2000)	60,414,607	42,770,607	6,148,000	0	5,748,000	0	5,748,000	0	0
Right of Way (3000)	4,100,000	2,335,000	615,000	0	575,000	0	575,000	0	0
Construction (4000)	814,514,507	307,523,507	163,637,000	0	179,677,000	0	163,677,000	0	0
TOTAL COST	879,724,774	353,324,774	170,400,000	0	186,000,000	0	170,000,000	0	0
Reallocated Metro Fund (9359R)	5,157,263	5,157,263	0	0	0	0	0	0	0
Metro Bonds (9451R)	822,688,468	308,288,468	170,400,000	0	180,000,000	0	164,000,000	0	0
Reallocated Metro Bonds (9459R)	461,021	461,021	0	0	0	0	0	0	0
Metro Construction Fund (9351R)	2,265,386	2,265,386	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	830,572,138	316,172,138	170,400,000	0	180,000,000	0	164,000,000	0	0
Federal/State Aid (9119R)	880,000	880,000	0	0	0	0	0	0	0
Howard County (9674R)	30,000	30,000	0	0	0	0	0	0	0
Md Water Quality Rev Loan (9680R)	33,942,636	21,942,636	0	0	6,000,000	0	6,000,000	0	0
Baltimore City (9672R)	14,300,000	14,300,000	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	49,152,636	37,152,636	0	0	6,000,000	0	6,000,000	0	0
TOTAL FUNDS	879,724,774	353,324,774	170,400,000	0	186,000,000	0	170,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
203	2030078	2,4	2	W

Project Title: REISTERSTOWN FIFTH ZONE

Location: REISTERSTOWN ROAD AREA

Description:
 FUNDING IS FOR THE ENGINEERING OF A NEW 24" TRANSMISSION MAIN IN REISTERSTOWN ROAD BETWEEN THE PLEASANT HILL PUMPOING STATION AND THE REISTERSTOWN TANK.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	500,000	500,000	0	0	0	0	0	0	0
Construction (4000)	24,722,000	5,722,000	0	0	1,500,000	0	17,500,000	0	0
TOTAL COST	25,222,000	6,222,000	0	0	1,500,000	0	17,500,000	0	0
Metro Bonds (9451R)	25,222,000	6,222,000	0	0	1,500,000	0	17,500,000	0	0
TOTAL COUNTY FUNDS	25,222,000	6,222,000	0	0	1,500,000	0	17,500,000	0	0
TOTAL FUNDS	25,222,000	6,222,000	0	0	1,500,000	0	17,500,000	0	0



STORM DRAINAGE SYSTEM

The planned projects contained in the following program provide funds for all public drainage improvements. These projects correct flooding of homes and streets, damage to private property and tidal siltation problems by providing adequate drainage systems in areas where none exist, replacing and repairing inadequate existing drainage systems, coordinating and/or extending facilities needed to serve new developments, providing flood and erosion control works, rechanneling streams, address TMDL issues related to stormwater requirements, and repairs and renovations for County facility MS-4 permit requirements.

Many factors – flooded homes, protecting lives, street drainage, damage to private property and controlling drainage from new developments – are taken into consideration when determining the priority for specific improvements in the County's storm drainage system.

Financing of these projects comes from County bond issues, State grants, by direct payments from developers, or stormwater fees.

**BALTIMORE COUNTY
APPROPRIATION SUMMARY**

**CAPITAL BUDGET 2016
CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021**

STAGE 7

204 STORM DRAINS

PROJ NO.	TITLE	TOTAL ESTIMATED COST	PRIOR AUTHOR- IZATIONS	TOTAL FOR 6YR PROGRAM	BUDGET YEAR FY 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
						FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
0002	STORM DRAIN REPAIRS & ENHANCEMENTS	29,633,496	17,393,496	12,240,000	3,621,250	618,750	4,000,000	0	4,000,000	0
0006	STORM DRAIN INLET RECONSTR. PROGRAM	8,350,000	5,350,000	3,000,000	1,000,000	0	1,000,000	0	1,000,000	0
0007	FLOODPLAIN STUDIES, COUNTYWIDE	1,893,531	1,293,531	600,000	200,000	0	200,000	0	200,000	0
0009	STORMWATER - TMDL REDUCTION	37,968,568	10,854,724	27,113,844	4,518,974	4,518,974	4,518,974	4,518,974	4,518,974	4,518,974
0010	STORMWATER - MS-4 REQUIREMENTS	28,500,000	12,000,000	16,500,000	2,750,000	2,750,000	2,750,000	2,750,000	2,750,000	2,750,000
0111	SUBDIVISION STORM DRAINS	10,071,184	7,921,184	2,150,000	750,000	0	700,000	0	700,000	0
0329	ACQUISITION OF FLOODED HOMES	2,546,120	1,796,120	750,000	250,000	0	250,000	0	250,000	0
0330	NUNNERY LANE ALLEY	3,000,000	0	3,000,000	3,000,000	0	0	0	0	0
0900	COMMUNITY CONSERVATION STORM DRAINS	1,512,988	1,412,988	100,000	100,000	0	0	0	0	0
	TOTAL	123,475,887	58,022,043	65,453,844	16,190,224	7,887,724	13,418,974	7,268,974	13,418,974	7,268,974



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
204	2040002	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: STORM DRAIN REPAIRS & ENHANCEMENTS

Location: COUNTYWIDE

Description:

THIS PROJECT IS UTILIZED TO REPAIR AND IMPROVE STORM DRAINS IN ESTABLISHED COMMUNITIES, TO ACCOMMODATE INCREASED RUNOFF AND PREVENT PROPERTY DAMAGE. THE PROJECT ALSO PROVIDES REPAIR AND MINOR EXTENSIONS TO EXISTING STORM DRAIN SYSTEMS TO ALLEVIATE ROAD FLOODING AND ICING.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	21,911	21,911	0	0	0	0	0	0	0
Engineering (2000)	3,393,935	1,793,935	800,000	0	400,000	0	400,000	0	0
Right of Way (3000)	3,055,800	1,355,800	900,000	0	400,000	0	400,000	0	0
Construction (4000)	23,161,850	14,221,850	1,921,250	618,750	3,200,000	0	3,200,000	0	0
TOTAL COST	29,633,496	17,393,496	3,621,250	618,750	4,000,000	0	4,000,000	0	0
General Funds (9331R)	2,475,000	0	1,856,250	618,750	0	0	0	0	0
Current/Future G O Bonds (9441R)	25,943,845	16,178,845	1,765,000	0	4,000,000	0	4,000,000	0	0
Reallocated G O Bonds (9449R)	1,204,651	1,204,651	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	29,623,496	17,383,496	3,621,250	618,750	4,000,000	0	4,000,000	0	0
Other (9679R)	10,000	10,000	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	10,000	10,000	0	0	0	0	0	0	0
TOTAL FUNDS	29,633,496	17,393,496	3,621,250	618,750	4,000,000	0	4,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
204	2040006	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: STORM DRAIN INLET RECONSTR. PROGRAM

Location: COUNTYWIDE

Description:

THIS PROJECT PROVIDES FUNDS FOR THE CAPITAL RECONSTRUCTION OF FAILING STORM DRAIN INLETS COUNTYWIDE TO IMPROVE VEHICULAR AND PEDESTRIAN SAFETY.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	600,000	300,000	100,000	0	100,000	0	100,000	0	0
Construction (4000)	7,750,000	5,050,000	900,000	0	900,000	0	900,000	0	0
TOTAL COST	8,350,000	5,350,000	1,000,000	0	1,000,000	0	1,000,000	0	0
Current/Future G O Bonds (9441R)	7,850,000	4,850,000	1,000,000	0	1,000,000	0	1,000,000	0	0
Reallocated G O Bonds (9449R)	500,000	500,000	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	8,350,000	5,350,000	1,000,000	0	1,000,000	0	1,000,000	0	0
TOTAL FUNDS	8,350,000	5,350,000	1,000,000	0	1,000,000	0	1,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
204	2040007	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: FLOODPLAIN STUDIES, COUNTYWIDE

Location: COUNTYWIDE

Description:

THIS PROJECT WILL PROVIDE FUNDS FOR UPDATES TO THE COUNTY'S FLOODPLAIN STUDY INVENTORY. ZONING CHANGES, INFILL DEVELOPMENT AND METHODOLOGY CHANGES NECESSITATE THE STUDY UPDATES. MANY OF THE CURRENT STUDIES ARE 20-30 YEARS OLD.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	1,893,531	1,293,531	200,000	0	200,000	0	200,000	0	0
TOTAL COST	1,893,531	1,293,531	200,000	0	200,000	0	200,000	0	0
Current/Future G O Bonds (9441R)	1,878,531	1,278,531	200,000	0	200,000	0	200,000	0	0
TOTAL COUNTY FUNDS	1,878,531	1,278,531	200,000	0	200,000	0	200,000	0	0
Fixed Deposits (9565R)	15,000	15,000	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	15,000	15,000	0	0	0	0	0	0	0
TOTAL FUNDS	1,893,531	1,293,531	200,000	0	200,000	0	200,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
204	2040111	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: SUBDIVISION STORM DRAINS

Location: COUNTYWIDE

Description:

THIS PROVIDES FUNDS FOR THE EXTENSION OF DRAINAGE SYSTEMS BUILT IN NEW DEVELOPMENTS. IN ACCORDANCE WITH AGREEMENTS, THE DEVELOPER FINANCES MOST DRAINAGE WITHIN ANY DEVELOPMENT. HOWEVER, IN ORDER TO PROTECT EXISTING PROPERTIES BEYOND THE LIMIT OF DEVELOPMENT, BALTIMORE COUNTY MUST FREQUENTLY EXTEND THE DRAINAGE SYSTEM TO PREVENT DOWNSTREAM DAMAGE. (THIS ITEM WAS PREVIOUSLY 04.001)

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	878,988	878,988	0	0	0	0	0	0	0
Engineering (2000)	1,010,000	710,000	100,000	0	100,000	0	100,000	0	0
Right of Way (3000)	1,210,000	910,000	100,000	0	100,000	0	100,000	0	0
Construction (4000)	6,972,196	5,422,196	550,000	0	500,000	0	500,000	0	0
TOTAL COST	10,071,184	7,921,184	750,000	0	700,000	0	700,000	0	0
Current/Future G O Bonds (9441R)	2,714,116	2,064,116	250,000	0	200,000	0	200,000	0	0
TOTAL COUNTY FUNDS	2,714,116	2,064,116	250,000	0	200,000	0	200,000	0	0
Developers Responsibility (9560R)	7,357,068	5,857,068	500,000	0	500,000	0	500,000	0	0
TOTAL OUTSIDE FUNDS	7,357,068	5,857,068	500,000	0	500,000	0	500,000	0	0
TOTAL FUNDS	10,071,184	7,921,184	750,000	0	700,000	0	700,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
204	2040329	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: ACQUISITION OF FLOODED HOMES

Location: COUNTYWIDE

Description:

THIS PROJECT PROVIDES FOR THE PURCHASE OF HOMES WHICH ARE SUBJECT TO FLOODING WHENEVER THIS OPTION IS LESS COSTLY THAN REPAIRING OR REPLACING THE ASSOCIATED STORM DRAINS OR IN THE EVENT REPAIR OR REPLACEMENT IS IMPRACTICAL OR NOT POSSIBLE.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	198,278	198,278	0	0	0	0	0	0	0
Engineering (2000)	5,121	5,121	0	0	0	0	0	0	0
Right of Way (3000)	2,339,570	1,589,570	250,000	0	250,000	0	250,000	0	0
Construction (4000)	3,151	3,151	0	0	0	0	0	0	0
TOTAL COST	2,546,120	1,796,120	250,000	0	250,000	0	250,000	0	0
Current/Future G O Bonds (9441R)	1,943,289	1,193,289	250,000	0	250,000	0	250,000	0	0
Reallocated G O Bonds (9449R)	102,831	102,831	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	2,046,120	1,296,120	250,000	0	250,000	0	250,000	0	0
Federal/State Aid (9119R)	500,000	500,000	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	500,000	500,000	0	0	0	0	0	0	0
TOTAL FUNDS	2,546,120	1,796,120	250,000	0	250,000	0	250,000	0	0



STREETS AND HIGHWAYS

All paved roadways in the County not under State control or on private property are the responsibility of the County Department of Public Works. Continuing shifts in traffic patterns prompted and accompanied by population changes, necessitate a continual improvement program aimed at maintaining and upgrading the existing network as well as providing new facilities required to implement the adopted Master Plan.

The planned projects, as contained in the following pages, have been developed by County engineers after being recommended by the County Office of Planning and the Bureau of Traffic Engineering and Transportation Planning. These recommendations are generally based on maintaining the continuity of traffic on existing roads, correcting safety problems, alleviating deficient transportation areas as designated in the basic services legislation, providing adequate access to designated new growth areas, and upgrading deteriorating roadways. Many factors – user benefits, service, safety, necessity, economy – are taken into consideration in determining the priority of any specific improvement to the overall County road system. Additionally, a street sweeping program has been initiated to aid in the meeting of the County stormwater requirements.

Financing of these projects comes from County bond issues, General Funds, State aid, by direct payments from developers or citizens who have petitioned for specific improvements, or stormwater fees.

**BALTIMORE COUNTY
APPROPRIATION SUMMARY**

**CAPITAL BUDGET 2016
CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021**

STAGE 7

205 STREETS AND HIGHWAYS

PROJ NO.	TITLE	TOTAL ESTIMATED COST	PRIOR AUTHOR- IZATIONS	TOTAL FOR 6YR PROGRAM	BUDGET YEAR FY 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
						FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
0002	STREET REHABILITATION	52,712,580	43,954,580	8,758,000	1,500,000	0	1,124,000	0	6,134,000	0
0018	TRAFFIC CALMING	7,933,771	5,533,771	2,400,000	800,000	0	800,000	0	800,000	0
0019	STORMWATER - STREETSWEEPING PROGRAM	9,000,000	6,000,000	3,000,000	500,000	500,000	500,000	500,000	500,000	500,000
0111	STREETS & HIGHWAYS - SUBDIVISIONS	14,994,206	10,994,206	4,000,000	1,000,000	0	1,500,000	0	1,500,000	0
0133	ROADWAY RESURFACING	274,083,321	180,695,821	93,387,500	24,718,750	20,668,750	28,000,000	0	20,000,000	0
0179	ALIGNMENT STUDIES/SITE ACQUISITION	1,242,000	792,000	450,000	150,000	0	150,000	0	150,000	0
0250	ALLEY RECONSTRUCTION	9,738,587	7,113,587	2,625,000	62,500	62,500	750,000	0	1,750,000	0
0286	MISCELLANEOUS INTERSECTION IMPROVEMENT	30,138,485	20,433,485	9,705,000	1,380,000	875,000	225,000	0	7,225,000	0
0301	CURBS, GUTTERS AND SIDEWALKS	80,300,733	59,800,733	20,500,000	2,625,000	875,000	8,500,000	0	8,500,000	0
0350	SIDEWALK RAMPS PROGRAM	2,247,212	1,647,212	600,000	200,000	0	200,000	0	200,000	0
0376	CAMPBELL BOULEVARD	19,655,426	13,155,426	6,500,000	6,500,000	0	0	0	0	0
0458	TRAFFIC SIGNALS	22,835,863	19,335,863	3,500,000	500,000	0	1,500,000	0	1,500,000	0
0900	COMMUNITY CONSERVATION RD IMPROVEMENTS	4,958,034	4,858,034	100,000	100,000	0	0	0	0	0
	TOTAL	529,840,218	374,314,718	155,525,500	40,036,250	22,981,250	43,249,000	500,000	48,259,000	500,000



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
205	2050002	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: STREET REHABILITATION

Location: COUNTYWIDE

Description:

THIS PROJECT PROVIDES FOR THE FOLLOWING: 1. GRADING, PAVING, DRAINING AND WIDENING OF EXISTING COUNTY ROADS IN CONJUNCTION WITH COUNTY BUILDING PROJECTS; 2. REGRADING, REPAVING, DRAINING AND WIDENING OF EXISTING COUNTY STREETS WHERE RESIDENTS HAVE PETITIONED FOR WIDENING, SIDEWALKS, CURBS AND GUTTERS; 3. REHABILITATION OF STREETS IN CONJUNCTION WITH MAJOR UTILITY WORK; 4. MISCELLANEOUS ON-CALL SERVICES AND IN-HOUSE SERVICES AND 5. ROAD FAILURES.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	2,365,632	2,365,632	0	0	0	0	0	0	0
Engineering (2000)	7,609,910	5,609,910	750,000	0	250,000	0	1,000,000	0	0
Right of Way (3000)	3,454,240	2,454,240	250,000	0	250,000	0	500,000	0	0
Construction (4000)	39,282,798	33,524,798	500,000	0	624,000	0	4,634,000	0	0
TOTAL COST	52,712,580	43,954,580	1,500,000	0	1,124,000	0	6,134,000	0	0
General Funds (9331R)	1,050,000	0	1,050,000	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	35,760,053	29,402,053	0	0	674,000	0	5,684,000	0	0
Reallocated G O Bonds (9449R)	2,953,206	2,953,206	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	39,763,259	32,355,259	1,050,000	0	674,000	0	5,684,000	0	0
Federal/State Aid (9119R)	48,453	48,453	0	0	0	0	0	0	0
State Aid (9229R)	7,355,052	6,155,052	400,000	0	400,000	0	400,000	0	0
Developers Responsibility (9560R)	3,807,934	3,657,934	50,000	0	50,000	0	50,000	0	0
Petitioners Responsibility (9564R)	1,737,879	1,737,879	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	12,949,318	11,599,318	450,000	0	450,000	0	450,000	0	0
TOTAL FUNDS	52,712,577	43,954,577	1,500,000	0	1,124,000	0	6,134,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
205	2050018	1,2,3,4,5,6,7		E,W,N,C

Project Title: TRAFFIC CALMING

Location: COUNTYWIDE

Description:

THIS PROJECT WILL SUPPORT A TRAFFIC CALMING PROGRAM COUNTYWIDE IN RESPONSE TO CONCERNS FROM VARIOUS COMMUNITIES.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Construction (4000)	7,933,771	5,533,771	800,000	0	800,000	0	800,000	0	0
TOTAL COST	7,933,771	5,533,771	800,000	0	800,000	0	800,000	0	0
Current/Future G O Bonds (9441R)	7,333,771	4,933,771	800,000	0	800,000	0	800,000	0	0
Reallocated G O Bonds (9449R)	100,000	100,000	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	7,433,771	5,033,771	800,000	0	800,000	0	800,000	0	0
Petitioners Responsibility (9564R)	500,000	500,000	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	500,000	500,000	0	0	0	0	0	0	0
TOTAL FUNDS	7,933,771	5,533,771	800,000	0	800,000	0	800,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
205	2050111	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: STREETS & HIGHWAYS - SUBDIVISIONS

Location: COUNTYWIDE

Description:

FUNDING IS PROVIDED UNDER THIS PROJECT FOR THE FOLLOWING: 1. COUNTY'S SHARE OF THE COST FOR ROAD PAVING UNDER AGREEMENTS WITH THE DEVELOPER WHEN PAVING REQUIREMENTS ARE IN EXCESS OF THE DEVELOPER'S RESPONSIBILITY; 2. COUNTY ROAD PROJECTS FOR REGRADING, REPAIRING, WIDENING AND DRAINING EXISTING COUNTY ROADS ADJACENT TO NEW DEVELOPMENTS; AND 3. LAND ACQUISITION TO ACQUIRE ROADWAY R/W ADJACENT TO NEW DEVELOPMENTS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	765,753	765,753	0	0	0	0	0	0	0
Engineering (2000)	1,886,100	1,286,100	200,000	0	200,000	0	200,000	0	0
Right of Way (3000)	2,438,635	1,538,635	300,000	0	300,000	0	300,000	0	0
Construction (4000)	9,903,718	7,403,718	500,000	0	1,000,000	0	1,000,000	0	0
TOTAL COST	14,994,206	10,994,206	1,000,000	0	1,500,000	0	1,500,000	0	0
Current/Future G O Bonds (9441R)	5,983,875	4,983,875	0	0	500,000	0	500,000	0	0
Reallocated G O Bonds (9449R)	2,831	2,831	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	5,986,706	4,986,706	0	0	500,000	0	500,000	0	0
Developers Responsibility (9560R)	8,007,500	5,007,500	1,000,000	0	1,000,000	0	1,000,000	0	0
Fixed Deposits (9565R)	1,000,000	1,000,000	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	9,007,500	6,007,500	1,000,000	0	1,000,000	0	1,000,000	0	0
TOTAL FUNDS	14,994,206	10,994,206	1,000,000	0	1,500,000	0	1,500,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
205	2050133	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: ROADWAY RESURFACING

Location: COUNTYWIDE

Description:

THIS PROJECT FUNDS THE ONGOING ANNUAL REQUIREMENT TO RESURFACE COUNTY ROADS, INCLUDING COLD MILLING & SKID TEST RESURFACING.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	368,630	368,630	0	0	0	0	0	0	0
Construction (4000)	273,714,691	180,327,191	24,718,750	20,668,750	28,000,000	0	20,000,000	0	0
TOTAL COST	274,083,321	180,695,821	24,718,750	20,668,750	28,000,000	0	20,000,000	0	0
General Funds (9331R)	35,625,000	7,337,500	7,618,750	20,668,750	0	0	0	0	0
Current/Future G O Bonds (9441R)	212,096,259	155,096,259	9,000,000	0	28,000,000	0	20,000,000	0	0
Reallocated G O Bonds (9449R)	8,656,062	556,062	8,100,000	0	0	0	0	0	0
TOTAL COUNTY FUNDS	256,377,321	162,989,821	24,718,750	20,668,750	28,000,000	0	20,000,000	0	0
Petitioners Responsibility (9564R)	9,577,000	9,577,000	0	0	0	0	0	0	0
American Recovery and Reinvestment A	8,129,000	8,129,000	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	17,706,000	17,706,000	0	0	0	0	0	0	0
TOTAL FUNDS	274,083,321	180,695,821	24,718,750	20,668,750	28,000,000	0	20,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
205	2050179	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: ALIGNMENT STUDIES/SITE ACQUISITION

Location: COUNTYWIDE

Description:

THIS ITEM WILL PROVIDE FUNDS TO ESTABLISH LINE AND GRADE FOR NEW TRANSPORTATION PROJECTS SPECIFIED IN THE BALTIMORE COUNTY MASTER PLAN. PRELIMINARY PLANNING IS REQUIRED TO ESTABLISH CORRIDOR HIGHWAY REQUIREMENTS AND PROTECT RIGHTS OF WAY PRIOR TO DEVELOPMENT ACTIVITY. FUNDS MAY ALSO BE USED FOR ADVANCED SITE ACQUISITION FOR FUTURE COUNTY AND MARYLAND DEPARTMENT OF TRANSPORTATION PROJECTS. FUNDING FOR AERIAL PHOTOGRAPHY AS WELL AS ENGINEERING WILL ALSO BE PROVIDED THROUGH THIS ITEM.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	892,000	592,000	100,000	0	100,000	0	100,000	0	0
Right of Way (3000)	350,000	200,000	50,000	0	50,000	0	50,000	0	0
TOTAL COST	1,242,000	792,000	150,000	0	150,000	0	150,000	0	0
Current/Future G O Bonds (9441R)	1,202,633	752,633	150,000	0	150,000	0	150,000	0	0
Reallocated G O Bonds (9449R)	39,367	39,367	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	1,242,000	792,000	150,000	0	150,000	0	150,000	0	0
TOTAL FUNDS	1,242,000	792,000	150,000	0	150,000	0	150,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
205	2050250	1,2,3,4,5,6,7	1,2	W,C,E,N

Project Title: ALLEY RECONSTRUCTION

Location: COUNTYWIDE

Description:

THIS PROJECT PROVIDES FOR THE RECONSTRUCTION OF ALLEYS WHERE RESIDENTS HAVE PETITIONED THE COUNTY FOR IMPROVEMENTS. ALLEYS ARE OWNED BY THE RESIDENTS. ALL PROPERTY OWNERS ALONG THE ALLEY SHARE IN THE COST OF THE RECONSTRUCTION.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	1,000	1,000	0	0	0	0	0	0	0
Engineering (2000)	566,752	566,752	0	0	0	0	0	0	0
Right of Way (3000)	11,572	11,572	0	0	0	0	0	0	0
Construction (4000)	9,159,263	6,534,263	62,500	62,500	750,000	0	1,750,000	0	0
TOTAL COST	9,738,587	7,113,587	62,500	62,500	750,000	0	1,750,000	0	0
General Funds (9331R)	125,000	0	62,500	62,500	0	0	0	0	0
Current/Future G O Bonds (9441R)	9,065,668	6,565,668	0	0	750,000	0	1,750,000	0	0
Reallocated G O Bonds (9449R)	138,578	138,578	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	9,329,246	6,704,246	62,500	62,500	750,000	0	1,750,000	0	0
Petitioners Responsibility (9564R)	409,341	409,341	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	409,341	409,341	0	0	0	0	0	0	0
TOTAL FUNDS	9,738,587	7,113,587	62,500	62,500	750,000	0	1,750,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
205	2050286	1,2,3,4,5,6,7	1,2,3,5	W,C,E,N

Project Title: MISCELLANEOUS INTERSECTION IMPROVEMENT

Location: COUNTYWIDE

Description:

THIS PROJECT WILL INCREASE CAPACITY AND SAFETY ALONG ROADS AND MAJOR INTERSECTIONS THROUGHOUT THE COUNTY. ROAD IMPROVEMENTS WILL RELIEVE CONGESTED AREAS DEFINED AS DEFICIENT UNDER COUNTY LAW. PRIORITY IS GIVEN TO INTERSECTIONS RATED AS SERVICE LEVEL "E" OR "F".

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	753,287	753,287	0	0	0	0	0	0	0
Engineering (2000)	4,247,092	3,322,092	200,000	0	25,000	0	700,000	0	0
Right of Way (3000)	3,827,174	2,902,174	200,000	0	25,000	0	700,000	0	0
Construction (4000)	21,310,932	13,455,932	980,000	875,000	175,000	0	5,825,000	0	0
TOTAL COST	30,138,485	20,433,485	1,380,000	875,000	225,000	0	7,225,000	0	0
General Funds (9331R)	1,750,000	0	875,000	875,000	0	0	0	0	0
Current/Future G O Bonds (9441R)	21,411,831	13,906,831	355,000	0	75,000	0	7,075,000	0	0
Reallocated G O Bonds (9449R)	1,464,187	1,464,187	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	24,626,018	15,371,018	1,230,000	875,000	75,000	0	7,075,000	0	0
Federal/State Aid (9119R)	108,131	108,131	0	0	0	0	0	0	0
State Aid (9229R)	3,569,098	3,269,098	100,000	0	100,000	0	100,000	0	0
Developers Responsibility (9560R)	1,694,844	1,544,844	50,000	0	50,000	0	50,000	0	0
Petitioners Responsibility (9564R)	139,894	139,894	0	0	0	0	0	0	0
Fixed Deposits (9565R)	500	500	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	5,512,467	5,062,467	150,000	0	150,000	0	150,000	0	0
TOTAL FUNDS	30,138,485	20,433,485	1,380,000	875,000	225,000	0	7,225,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
205	2050301	1,2,3,4,5,6,7	1,2	W,C,E,N

Project Title: CURBS, GUTTERS AND SIDEWALKS

Location: COUNTYWIDE

Description:

REPLACEMENT AND REPAIR OF DETERIORATED CURBS, GUTTERS AND SIDEWALKS AS WELL AS CONSTRUCTION OF NEW SIDEWALKS WHERE NEEDED.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	1,250,000	600,000	250,000	0	200,000	0	200,000	0	0
Right of Way (3000)	625,000	300,000	125,000	0	100,000	0	100,000	0	0
Construction (4000)	78,425,733	58,900,733	2,250,000	875,000	8,200,000	0	8,200,000	0	0
TOTAL COST	80,300,733	59,800,733	2,625,000	875,000	8,500,000	0	8,500,000	0	0
General Funds (9331R)	3,500,000	0	2,625,000	875,000	0	0	0	0	0
Current/Future G O Bonds (9441R)	68,271,872	51,271,872	0	0	8,500,000	0	8,500,000	0	0
Reallocated G O Bonds (9449R)	1,287,242	1,287,242	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	73,059,114	52,559,114	2,625,000	875,000	8,500,000	0	8,500,000	0	0
State Aid (9229R)	166,619	166,619	0	0	0	0	0	0	0
Petitioners Responsibility (9564R)	7,075,000	7,075,000	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	7,241,619	7,241,619	0	0	0	0	0	0	0
TOTAL FUNDS	80,300,733	59,800,733	2,625,000	875,000	8,500,000	0	8,500,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
205	2050350	1,2,3,4,5,6,7	1,2	W,C,E,N

Project Title: SIDEWALK RAMPS PROGRAM

Location: COUNTYWIDE

Description:

THIS PROJECT PROVIDES FUNDS TO CONSTRUCT SIDEWALK RAMPS TO ASSIST THE HANDICAPPED.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Construction (4000)	2,247,212	1,647,212	200,000	0	200,000	0	200,000	0	0
TOTAL COST	2,247,212	1,647,212	200,000	0	200,000	0	200,000	0	0
Current/Future G O Bonds (9441R)	2,172,996	1,572,996	200,000	0	200,000	0	200,000	0	0
Reallocated G O Bonds (9449R)	74,216	74,216	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	2,247,212	1,647,212	200,000	0	200,000	0	200,000	0	0
TOTAL FUNDS	2,247,212	1,647,212	200,000	0	200,000	0	200,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
205	2050458	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: TRAFFIC SIGNALS

Location: COUNTYWIDE

Description:

CONSTRUCTION OF NEW TRAFFIC SIGNAL POLES AND REPLACEMENT OF EXISTING TRAFFIC SIGNAL POLES, CONTROLLERS/CABINETS WHERE NECESSARY. ALSO INCLUDED IS THE INSTALLATION OF VIDEO MONITORS AT SOME INTERSECTIONS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	7,278	7,278	0	0	0	0	0	0	0
Engineering (2000)	900,000	900,000	0	0	0	0	0	0	0
Construction (4000)	21,928,585	18,428,585	500,000	0	1,500,000	0	1,500,000	0	0
TOTAL COST	22,835,863	19,335,863	500,000	0	1,500,000	0	1,500,000	0	0
Current/Future G O Bonds (9441R)	21,715,106	18,215,106	500,000	0	1,500,000	0	1,500,000	0	0
Reallocated G O Bonds (9449R)	1,099,003	1,099,003	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	22,814,109	19,314,109	500,000	0	1,500,000	0	1,500,000	0	0
State Aid (9229R)	21,754	21,754	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	21,754	21,754	0	0	0	0	0	0	0
TOTAL FUNDS	22,835,863	19,335,863	500,000	0	1,500,000	0	1,500,000	0	0



BRIDGES, CULVERTS AND GRADE SEPARATIONS

The Structural Design Section provides technical expertise regarding the structural integrity and safety of the County's owned bridges, culverts, and retaining walls through efficient inspection, maintenance and capital improvement. Baltimore County inspects and evaluates the condition of over 670 bridges biennially and in accordance with the Federal Highway Administration's National Bridge Inspection Standards. Maintenance of existing County structures is undertaken by an on-call construction contractor under the direction of this Section. Structures deemed beyond repair or at the end of their useful lifespan are replaced through the Capital Improvement Program. Bridge replacement projects are prioritized on condition evaluations. Some new structures are constructed in conjunction with new roadways and system enhancement projects.

All major rehabilitations and replacement projects go through NEPA/Section 106 environmental and historic review process during the preliminary engineering phase. Public input on capital improvement projects is solicited by the County via public meetings, press, and internet announcements, the annual budget process and coordination with local officials. All required environmental permits are received and right of way acquisitions cleared prior to construction beginning on any project.

Engineering, when possible, is undertaken by Structural Design Section professional engineering and design staff. Due to in-house capacities some projects are engineered by outside consultants under the direction and control of a County project manager. These consultants are selected through the County's qualification based selection system by the Professional Services Selection Committee.

**BALTIMORE COUNTY
 APPROPRIATION SUMMARY**

**CAPITAL BUDGET 2016
 CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021**

STAGE 7

207 BRIDGES, CULVERTS AND GRADE SEPARATIONS

PROJ NO.	TITLE	TOTAL ESTIMATED COST	PRIOR AUTHOR- IZATIONS	TOTAL FOR 6YR PROGRAM	BUDGET YEAR FY 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
						FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
0002	MINOR BRIDGE REPAIR	67,664,608	48,639,608	19,025,000	5,775,000	375,000	6,500,000	0	6,375,000	0
0220	BRIDGE INSPECTION PROGRAM	12,700,558	8,800,558	3,900,000	1,200,000	0	1,300,000	0	1,400,000	0
0237	BRDG 140 - PINEY GROVE RD	3,600,000	0	3,600,000	0	0	600,000	0	3,000,000	0
0271	BRIDGE 425 - WARREN ROAD	2,255,454	1,855,454	400,000	400,000	0	0	0	0	0
0276	BRIDGE NO. 409 GUNPOWDER ROAD	1,300,000	300,000	1,000,000	0	0	1,000,000	0	0	0
0277	BRIDGE NO. 136, 138, 346 GORES MILL RD	2,600,000	1,610,000	990,000	990,000	0	0	0	0	0
0278	BRIDGE NO. 119 PENINSULA HIGHWAY	7,600,000	200,000	7,400,000	0	0	7,400,000	0	0	0
0279	BRIDGE NO. 113 LANSDOWNE BOULEVARD	2,370,000	70,000	2,300,000	0	0	0	0	2,300,000	0
0281	BRIDGE NO. B-0132 ROSSVILLE BOULEVARD	5,050,000	0	5,050,000	0	0	250,000	0	4,800,000	0
	TOTAL	105,140,620	61,475,620	43,665,000	8,365,000	375,000	17,050,000	0	17,875,000	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
207	2070002	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: MINOR BRIDGE REPAIR

Location: COUNTYWIDE

Description:

FUNDS UNDER THIS PROJECT ARE REQUIRED FOR EMERGENCY BRIDGE REPLACEMENT, STRENGTHENING EXISTING BRIDGES, AND REPAIRING, REPLACING, MAINTAINING COUNTY BRIDGES AND RETAINING WALLS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	104,677	104,677	0	0	0	0	0	0	0
Engineering (2000)	11,749,188	7,249,188	1,500,000	0	1,500,000	0	1,500,000	0	0
Right of Way (3000)	2,094,954	894,954	400,000	0	400,000	0	400,000	0	0
Construction (4000)	53,715,789	40,390,789	3,875,000	375,000	4,600,000	0	4,475,000	0	0
TOTAL COST	67,664,608	48,639,608	5,775,000	375,000	6,500,000	0	6,375,000	0	0
General Funds (9331R)	500,000	0	125,000	375,000	0	0	0	0	0
Current/Future G O Bonds (9441R)	53,074,388	40,005,388	4,709,000	0	4,085,000	0	4,275,000	0	0
Reallocated G O Bonds (9449R)	944,459	944,459	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	54,518,847	40,949,847	4,834,000	375,000	4,085,000	0	4,275,000	0	0
Federal/State Aid (9119R)	12,089,933	6,633,933	941,000	0	2,415,000	0	2,100,000	0	0
State Aid (9229R)	901,167	901,167	0	0	0	0	0	0	0
Harford County (9673R)	154,661	154,661	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	13,145,761	7,689,761	941,000	0	2,415,000	0	2,100,000	0	0
TOTAL FUNDS	67,664,608	48,639,608	5,775,000	375,000	6,500,000	0	6,375,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
207	2070220	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: BRIDGE INSPECTION PROGRAM

Location: COUNTYWIDE

Description:

THIS FEDERALLY MANDATED AND FEDERALLY AIDED PROGRAM REQUIRES INSPECTION OF ALL BRIDGES OVER 20 FEET IN LENGTH EVERY TWO YEARS. THE COUNTY ALSO INSPECTS ALL BRIDGES UNDER 20 FEET IN LENGTH EVERY TWO YEARS. THE OVER 20' BRIDGE INSPECTIONS ARE 100% FEDERALLY FUNDED THROUGH THE MD SHA. THIS FUNDING PROVIDES FOR ANNUAL INSPECTION OF UNDER 20' BRIDGES. THE INVESTIGATION OF SCOUR EFFECTS ON BRIDGES AND LOAD POSTING INVESTIGATION IS INCLUDED IN THIS PROGRAM.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	2,226,912	2,226,912	0	0	0	0	0	0	0
Engineering (2000)	10,473,646	6,573,646	1,200,000	0	1,300,000	0	1,400,000	0	0
TOTAL COST	12,700,558	8,800,558	1,200,000	0	1,300,000	0	1,400,000	0	0
Current/Future G O Bonds (9441R)	2,224,311	1,444,311	240,000	0	260,000	0	280,000	0	0
TOTAL COUNTY FUNDS	2,224,311	1,444,311	240,000	0	260,000	0	280,000	0	0
Federal/State Aid (9119R)	4,122,071	4,122,071	0	0	0	0	0	0	0
State Aid (9229R)	6,354,176	3,234,176	960,000	0	1,040,000	0	1,120,000	0	0
TOTAL OUTSIDE FUNDS	10,476,247	7,356,247	960,000	0	1,040,000	0	1,120,000	0	0
TOTAL FUNDS	12,700,558	8,800,558	1,200,000	0	1,300,000	0	1,400,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
207	2070237	3	4	N

Project Title: BRDG 140 - PINEY GROVE RD

Location: NEAR OLD HANOVER ROAD CROSSING CSX RAILROAD

Description:

BUILT IN 1907, THIS 44' LONG TIMBER BRIDGE CONSISTS OF THREE SPANS OVER THE CSX RAILROAD AND CARRIES A CLEAR ROADWAY WIDTH OF 15'9". IT IS PRESENTLY POSTED FOR 10 TONS WITH A CURRENT ADT OF 500. A REPLACEMENT STRUCTURE IS PROPOSED TO ALLOW CROSSING OF FIRE EQUIPMENT, UTILITY COMPANY VEHICLES, REFUSE COLLECTION TRUCKS, AND OTHER HEAVY VEHICLES. FEDERAL AID IS ANTICIPATED FOR THIS PROJECT. CURRENTLY THIS BRIDGE IS OWNED AND MAINTAINED BY CSX.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	500,000	0	0	0	500,000	0	0	0	0
Right of Way (3000)	100,000	0	0	0	100,000	0	0	0	0
Construction (4000)	3,000,000	0	0	0	0	0	3,000,000	0	0
TOTAL COST	3,600,000	0	0	0	600,000	0	3,000,000	0	0
Current/Future G O Bonds (9441R)	800,000	0	0	0	200,000	0	600,000	0	0
TOTAL COUNTY FUNDS	800,000	0	0	0	200,000	0	600,000	0	0
Federal/State Aid (9119R)	2,800,000	0	0	0	400,000	0	2,400,000	0	0
TOTAL OUTSIDE FUNDS	2,800,000	0	0	0	400,000	0	2,400,000	0	0
TOTAL FUNDS	3,600,000	0	0	0	600,000	0	3,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
207	2070276	3	4	N

Project Title: BRIDGE NO. 409 GUNPOWDER ROAD

Location: 0.3 MILES SOUTH OF BECKLEYSVILLE ROAD

Description:

BUILT IN 1920 AND PARTLY RECONSTRUCTED IN 1985, THIS TWO SPAN (EACH SPAN IS 11 FEET) CONTINUOUS REINFORCED CONCRETE SLAB BRIDGE IS RATED FUNCTIONALLY OBSOLETE AND QUALIFIES FOR FEDERAL FUNDS FOR REPLACEMENT.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	250,000	250,000	0	0	0	0	0	0	0
Right of Way (3000)	50,000	50,000	0	0	0	0	0	0	0
Construction (4000)	1,000,000	0	0	0	1,000,000	0	0	0	0
TOTAL COST	1,300,000	300,000	0	0	1,000,000	0	0	0	0
Current/Future G O Bonds (9441R)	300,000	0	0	0	300,000	0	0	0	0
TOTAL COUNTY FUNDS	300,000	0	0	0	300,000	0	0	0	0
Federal/State Aid (9119R)	1,000,000	300,000	0	0	700,000	0	0	0	0
TOTAL OUTSIDE FUNDS	1,000,000	300,000	0	0	700,000	0	0	0	0
TOTAL FUNDS	1,300,000	300,000	0	0	1,000,000	0	0	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
207	2070278	7	2	E

Project Title: BRIDGE NO. 119 PENINSULA HIGHWAY

Location: DUNDALK, NEAR MERRITT BLVD. OVER CSX

Description:

THE EXISTING DUAL, THREE SPAN STEEL BEAM BRIDGES WERE BUILT IN 1960 AND CROSS OVER CSX RAILROAD TRACKS. THE BRIDGES HAVE A SUFFICIENCY RATING OF 40%, ARE CLASSIFIED AS STRUCTURALLY DEFICIENT AND ARE IN AN OVERALL DETERIORATED CONDITION WARRANTING REPLACEMENT. THE NEW STRUCTURES ARE ANTICIPATED TO BE SINGLE SPAN STEEL GIRDER BRIDGES. FEDERAL BRIDGE REPLACEMENT FUNDS WILL BE USED FOR BOTH DESIGN AND CONSTRUCTION OF THIS PROJECT.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	200,000	200,000	0	0	0	0	0	0	0
Construction (4000)	7,400,000	0	0	0	7,400,000	0	0	0	0
TOTAL COST	7,600,000	200,000	0	0	7,400,000	0	0	0	0
Current/Future G O Bonds (9441R)	1,680,000	200,000	0	0	1,480,000	0	0	0	0
TOTAL COUNTY FUNDS	1,680,000	200,000	0	0	1,480,000	0	0	0	0
Federal/State Aid (9119R)	5,920,000	0	0	0	5,920,000	0	0	0	0
TOTAL OUTSIDE FUNDS	5,920,000	0	0	0	5,920,000	0	0	0	0
TOTAL FUNDS	7,600,000	200,000	0	0	7,400,000	0	0	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
207	2070279	1	2	W

Project Title: BRIDGE NO. 113 LANSLOWNE BOULEVARD

Location: LANSLOWNE, AT HAMMONDS FERRY ROAD OVER CSX

Description:

THE EXISTING TWO SPAN STEEL BEAM BRIDGE WAS BUILT IN 1961 AND CROSSES OVER CSX RAILROAD TRACKS. THE BRIDGE HAS A SUFFICIENCY RATING OF 68%, AND IS IN AN OVERALL DETERIORATED CONDITION WARRANTING MAJOR REHABILITATION. A SUPERSTRUCTURE REPLACEMENT AND SUBSTRUCTURE REHABILITATION IS ANTICIPATED FOR THIS PROJECT. FEDERAL BRIDGE REPLACEMENT FUNDS WILL BE USED FOR BOTH DESIGN AND CONSTRUCTION OF THIS PROJECT.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	70,000	70,000	0	0	0	0	0	0	0
Construction (4000)	2,300,000	0	0	0	0	0	2,300,000	0	0
TOTAL COST	2,370,000	70,000	0	0	0	0	2,300,000	0	0
Current/Future G O Bonds (9441R)	530,000	70,000	0	0	0	0	460,000	0	0
TOTAL COUNTY FUNDS	530,000	70,000	0	0	0	0	460,000	0	0
Federal/State Aid (9119R)	1,840,000	0	0	0	0	0	1,840,000	0	0
TOTAL OUTSIDE FUNDS	1,840,000	0	0	0	0	0	1,840,000	0	0
TOTAL FUNDS	2,370,000	70,000	0	0	0	0	2,300,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
207	2070281	6,7	2	W

Project Title: BRIDGE NO. B-0132 ROSSVILLE BOULEVARD

Location: ESSEX

Description:

THE EXISTING FOUR SPAN STEEL BEAM BRIDGE WAS BUILT IN 1971 AND CROSSES OVER THE AMTRAK RAILROAD TRACKS AND OREMS ROAD. THE STRUCTURE HAS SUFFICIENCY RATING OF 68% AND IS IN OVERALL DETERIORATED CONDITION WARRANTING MAJOR REHABILITATION. FEDERAL BRIDGE REPLACEMENT/REHABILITATION FUNDS WILL BE USED FOR BOTH DESIGN AND CONSTRUCTION OF THIS PROJECT.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	250,000	0	0	0	250,000	0	0	0	0
Construction (4000)	4,800,000	0	0	0	0	0	4,800,000	0	0
TOTAL COST	5,050,000	0	0	0	250,000	0	4,800,000	0	0
Current/Future G O Bonds (9441R)	1,210,000	0	0	0	250,000	0	960,000	0	0
TOTAL COUNTY FUNDS	1,210,000	0	0	0	250,000	0	960,000	0	0
Federal/State Aid (9119R)	3,840,000	0	0	0	0	0	3,840,000	0	0
TOTAL OUTSIDE FUNDS	3,840,000	0	0	0	0	0	3,840,000	0	0
TOTAL FUNDS	5,050,000	0	0	0	250,000	0	4,800,000	0	0



REFUSE DISPOSAL FACILITIES

The Refuse Disposal Facilities projects planned for in this Capital Improvement Program represent the essential requirements to provide an adequate refuse disposal system for the residents of Baltimore County and to comply with existing State Department of Environment regulations and consent orders.

The projects included in the following pages are necessary to comply with the Baltimore County Solid Waste Master Plan and are financed with County bond issues and General Funds.

**BALTIMORE COUNTY
 APPROPRIATION SUMMARY**

**CAPITAL BUDGET 2016
 CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021**

STAGE 7

208 REFUSE DISPOSAL

PROJ NO.	TITLE	TOTAL ESTIMATED COST	PRIOR AUTHOR- IZATIONS	TOTAL FOR 6YR PROGRAM	BUDGET YEAR FY 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
						FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
0002	TEXAS LANDFILL/RESOURCE RECOVERY AREA	872,536	372,536	500,000	500,000	0	0	0	0	0
0005	HERNWOOD LANDFILL	20,002,340	18,252,340	1,750,000	100,000	0	825,000	0	825,000	0
0006	PARKTON SANITARY LANDFILL	6,078,505	3,633,505	2,445,000	895,000	0	775,000	0	775,000	0
0010	EASTERN SANITARY LANDFILL	40,383,419	30,906,419	9,477,000	2,435,000	0	6,026,000	0	1,016,000	0
	TOTAL	67,336,800	53,164,800	14,172,000	3,930,000	0	7,626,000	0	2,616,000	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
208	2080005	4	8	W

Project Title: HERNWOOD LANDFILL

Location: GRANITE

Description:

THESE FUNDS WILL BE USED FOR THE FOLLOWING: 1. ON-GOING SITE REMEDIATION; 2. COMPLIANCE WITH MDE CONSENT ORDER; 3. UPGRADING LEACHATE TREATMENT FACILITY; 4. ONGOING ENGINEERING SERVICES.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	178,223	178,223	0	0	0	0	0	0	0
Engineering (2000)	4,328,556	4,228,556	100,000	0	0	0	0	0	0
Construction (4000)	15,495,561	13,845,561	0	0	825,000	0	825,000	0	0
TOTAL COST	20,002,340	18,252,340	100,000	0	825,000	0	825,000	0	0
General Funds (9331R)	8,837,000	8,837,000	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	8,185,795	6,435,795	100,000	0	825,000	0	825,000	0	0
Reallocated G O Bonds (9449R)	2,979,545	2,979,545	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	20,002,340	18,252,340	100,000	0	825,000	0	825,000	0	0
TOTAL FUNDS	20,002,340	18,252,340	100,000	0	825,000	0	825,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
208	2080006	3	8	N

Project Title: PARKTON SANITARY LANDFILL

Location: PARKTON

Description:

1. LANDFILL GAS MIGRATION CONTROL; 2. LEACHATE SYSTEM IMPROVEMENTS; 3. SEDIMENT CONTROL IMPROVEMENTS; 4. MISCELLANEOUS RESTORATIVE/REPAIR WORK; 5. ON-GOING ENGINEERING SERVICES.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	1,099,733	1,099,733	0	0	0	0	0	0	0
Engineering (2000)	465,826	465,826	0	0	0	0	0	0	0
Construction (4000)	4,512,946	2,067,946	895,000	0	775,000	0	775,000	0	0
TOTAL COST	6,078,505	3,633,505	895,000	0	775,000	0	775,000	0	0
General Funds (9331R)	1,020,000	1,020,000	0	0	0	0	0	0	0
Reallocated General Funds (9339R)	10,000	10,000	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	4,596,064	2,151,064	895,000	0	775,000	0	775,000	0	0
Reallocated G O Bonds (9449R)	452,441	452,441	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	6,078,505	3,633,505	895,000	0	775,000	0	775,000	0	0
TOTAL FUNDS	6,078,505	3,633,505	895,000	0	775,000	0	775,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
208	2080010	5	8	E

Project Title: EASTERN SANITARY LANDFILL

Location: WHITE MARSH

Description:

FUNDS WILL BE USED FOR THE FOLLOWING: 1. CELL FLOOR EXCAVATION AND PREPARATION; 2. MISCELLANEOUS SITE DEVELOPMENT; 3. COMPLIANCE WITH EXISTING AND PENDING REGULATORY AND PERMIT REQUIREMENTS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	165,902	165,902	0	0	0	0	0	0	0
Engineering (2000)	5,178,520	4,162,520	0	0	0	0	1,016,000	0	0
Construction (4000)	35,038,997	26,577,997	2,435,000	0	6,026,000	0	0	0	0
TOTAL COST	40,383,419	30,906,419	2,435,000	0	6,026,000	0	1,016,000	0	0
General Funds (9331R)	11,159,096	11,159,096	0	0	0	0	0	0	0
Reallocated General Funds (9339R)	333,994	333,994	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	27,177,420	17,700,420	2,435,000	0	6,026,000	0	1,016,000	0	0
Reallocated G O Bonds (9449R)	1,712,909	1,712,909	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	40,383,419	30,906,419	2,435,000	0	6,026,000	0	1,016,000	0	0
TOTAL FUNDS	40,383,419	30,906,419	2,435,000	0	6,026,000	0	1,016,000	0	0

COMMUNITY COLLEGES

The Community Colleges projects outlined in the Capital Budget and Capital Improvement Program reflect the necessary construction, renovation, maintenance and site development projects that are essential to meet the educational needs of a dynamic student population.

The anticipated projects represent the immediate and long-range facility requirements reflective of the needs of students, communities, and Baltimore County.

Funding for these projects include County bond issues, State Community College Construction funds, and General Funds.

**BALTIMORE COUNTY
APPROPRIATION SUMMARY**

**CAPITAL BUDGET 2016
CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021**

STAGE 7

209 COMMUNITY COLLEGE

PROJ NO.	TITLE	TOTAL ESTIMATED COST	PRIOR AUTHOR- IZATIONS	TOTAL FOR 6YR PROGRAM	BUDGET YEAR FY 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
						FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
0007	ROOF REPAIR/REPLACEMENT	10,201,000	7,451,000	2,750,000	1,350,000	0	700,000	0	700,000	0
0098	ADA ALTERATIONS	3,450,000	3,375,000	75,000	25,000	0	25,000	0	25,000	0
0100	CAPITAL MAINTENANCE & RENOVATIONS	51,676,374	35,626,374	16,050,000	5,550,000	0	5,500,000	0	5,000,000	0
0102	ASBESTOS ABATEMENT	6,426,627	6,151,627	275,000	75,000	0	100,000	0	100,000	0
0103	CATONSVILLE - RENOVATIONS/ADDITIONS	52,505,000	42,255,000	10,250,000	3,350,000	0	1,450,000	0	5,450,000	0
0104	ESSEX - RENOVATIONS/ADDITIONS	42,452,634	9,152,634	33,300,000	10,300,000	0	13,000,000	0	10,000,000	0
0105	DUNDALK - RENOVATIONS/ADDITIONS	6,975,868	1,975,868	5,000,000	1,000,000	0	2,000,000	0	2,000,000	0
0106	POWER PLANT MODERNIZATION - ALL	4,050,000	750,000	3,300,000	1,700,000	0	800,000	0	800,000	0
	TOTAL	177,737,503	106,737,503	71,000,000	23,350,000	0	23,575,000	0	24,075,000	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
209	2090007	1,5,7		W,E

Project Title: ROOF REPAIR/REPLACEMENT

Location: CCBC - ALL CAMPUSES

Description:

THIS PROJECT IS ESTABLISHED FOR THE REPLACEMENT AND/OR MAJOR REPAIR OF ROOFS AT ALL CAMPUSES.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	682,000	332,000	200,000	0	75,000	0	75,000	0	0
Construction (4000)	9,519,000	7,119,000	1,150,000	0	625,000	0	625,000	0	0
TOTAL COST	10,201,000	7,451,000	1,350,000	0	700,000	0	700,000	0	0
Current/Future G O Bonds (9441R)	5,066,000	3,766,000	600,000	0	350,000	0	350,000	0	0
Reallocated G O Bonds (9449R)	57,000	57,000	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	5,123,000	3,823,000	600,000	0	350,000	0	350,000	0	0
State Aid (9229R)	4,928,000	3,628,000	600,000	0	350,000	0	350,000	0	0
Student Fees (9677R)	150,000	0	150,000	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	5,078,000	3,628,000	750,000	0	350,000	0	350,000	0	0
TOTAL FUNDS	10,201,000	7,451,000	1,350,000	0	700,000	0	700,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
209	2090098	1,6,7	2	W,E

Project Title: ADA ALTERATIONS

Location: CCBC - ALL CAMPUSES

Description:

THE PREVIOUS PHASES OF THIS PROJECT ADDRESSED INTERIOR ADA NONCOMPLIANCE AT ALL CCBC CAMPUSES. TYPICAL ITEMS OF WORK TO BE UNDERTAKEN INCLUDE: HANDICAPPED VAN ACCESSIBLE PARKING SPACES, MODIFICATIONS TO PEDESTRIAN PATHWAYS, TACTILE WARNING SURFACES AT RAMPS, AND HANDRAIL MODIFICATIONS. INTERIOR ALTERATIONS WORK INCLUDES: REMOVAL OF PHYSICAL BARRIERS, TOILET ROOM MODIFICATIONS, DOOR AND HARDWARE MODIFICATIONS AND SIGNAGE.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	275,000	275,000	0	0	0	0	0	0	0
Construction (4000)	3,175,000	3,100,000	25,000	0	25,000	0	25,000	0	0
TOTAL COST	3,450,000	3,375,000	25,000	0	25,000	0	25,000	0	0
Current/Future G O Bonds (9441R)	2,881,000	2,806,000	25,000	0	25,000	0	25,000	0	0
TOTAL COUNTY FUNDS	2,881,000	2,806,000	25,000	0	25,000	0	25,000	0	0
State Aid (9229R)	569,000	569,000	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	569,000	569,000	0	0	0	0	0	0	0
TOTAL FUNDS	3,450,000	3,375,000	25,000	0	25,000	0	25,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
209	2090100	1,6,7	2,3,5	W,E

Project Title: CAPITAL MAINTENANCE & RENOVATIONS

Location: CCBC - ALL CAMPUSES

Description:

THIS PROJECT PROVIDES FOR MISCELLANEOUS CAPITAL MAINT. RENOVATION PROJECTS THROUGHOUT THE CCBC SYSTEM.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	95,520	95,520	0	0	0	0	0	0	0
Engineering (2000)	100,061	100,061	0	0	0	0	0	0	0
Construction (4000)	51,480,793	35,430,793	5,550,000	0	5,500,000	0	5,000,000	0	0
TOTAL COST	51,676,374	35,626,374	5,550,000	0	5,500,000	0	5,000,000	0	0
General Funds (9331R)	9,479,931	9,479,931	0	0	0	0	0	0	0
Reallocated General Funds (9339R)	17,878	17,878	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	38,142,180	22,092,180	5,550,000	0	5,500,000	0	5,000,000	0	0
Reallocated G O Bonds (9449R)	334,829	334,829	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	47,974,818	31,924,818	5,550,000	0	5,500,000	0	5,000,000	0	0
State Aid (9229R)	165,485	165,485	0	0	0	0	0	0	0
Other (9679R)	2,476,128	2,476,128	0	0	0	0	0	0	0
Student Fees (9677R)	1,059,943	1,059,943	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	3,701,556	3,701,556	0	0	0	0	0	0	0
TOTAL FUNDS	51,676,374	35,626,374	5,550,000	0	5,500,000	0	5,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
209	2090102	1,6,7	2,3	W,E

Project Title: ASBESTOS ABATEMENT

Location: CCBC - ALL CAMPUSES

Description:

ASBESTOS REMOVAL AND OR ABATEMENT THROUGHOUT THE CCBC SYSTEM.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	5,476,627	5,476,627	0	0	0	0	0	0	0
Engineering (2000)	138,000	98,000	10,000	0	15,000	0	15,000	0	0
Construction (4000)	812,000	577,000	65,000	0	85,000	0	85,000	0	0
TOTAL COST	6,426,627	6,151,627	75,000	0	100,000	0	100,000	0	0
Current/Future G O Bonds (9441R)	4,935,000	4,660,000	75,000	0	100,000	0	100,000	0	0
Reallocated G O Bonds (9449R)	300,000	300,000	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	5,235,000	4,960,000	75,000	0	100,000	0	100,000	0	0
State Aid (9229R)	1,191,627	1,191,627	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	1,191,627	1,191,627	0	0	0	0	0	0	0
TOTAL FUNDS	6,426,627	6,151,627	75,000	0	100,000	0	100,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
209	2090103	1,2,4	2,3,5	W,E

Project Title: CATONSVILLE - RENOVATIONS/ADDITIONS

Location: CCBC CAMPUSES

Description:

THIS PROJECT PROVIDES FOR MISCELLANEOUS CAPITAL RENOVATIONS AND ADDITIONS TO BUILDING ON THE CATONSVILLE CAMPUS AND SATELLITE CAMPUSES ON THE WEST SIDE OF THE COUNTY.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	2,970,000	2,970,000	0	0	0	0	0	0	0
Construction (4000)	49,535,000	39,285,000	3,350,000	0	1,450,000	0	5,450,000	0	0
TOTAL COST	52,505,000	42,255,000	3,350,000	0	1,450,000	0	5,450,000	0	0
Current/Future G O Bonds (9441R)	23,536,592	20,086,592	0	0	725,000	0	2,725,000	0	0
TOTAL COUNTY FUNDS	23,536,592	20,086,592	0	0	725,000	0	2,725,000	0	0
State Aid (9229R)	26,893,408	20,493,408	2,950,000	0	725,000	0	2,725,000	0	0
Student Fees (9677R)	2,075,000	1,675,000	400,000	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	28,968,408	22,168,408	3,350,000	0	725,000	0	2,725,000	0	0
TOTAL FUNDS	52,505,000	42,255,000	3,350,000	0	1,450,000	0	5,450,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
209	2090104	3,5,6	2,3,5	W,E

Project Title: ESSEX - RENOVATIONS/ADDITIONS

Location: CCBC CAMPUSES

Description:

THIS PROJECT PROVIDES FOR MISCELLANEOUS CAPITAL RENOVATIONS AND ADDITIONS TO BUILDINGS ON THE ESSEX CAMPUS AND SATELLITE CAMPUSES IN THE NORTH AND EAST SIDES OF THE COUNTY.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Construction (4000)	42,452,634	9,152,634	10,300,000	0	13,000,000	0	10,000,000	0	0
TOTAL COST	42,452,634	9,152,634	10,300,000	0	13,000,000	0	10,000,000	0	0
General Funds (9331R)	93,992	93,992	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	21,971,142	5,971,142	4,500,000	0	6,500,000	0	5,000,000	0	0
Reallocated G O Bonds (9449R)	1,300,000	0	1,300,000	0	0	0	0	0	0
TOTAL COUNTY FUNDS	23,365,134	6,065,134	5,800,000	0	6,500,000	0	5,000,000	0	0
State Aid (9229R)	18,325,000	2,325,000	4,500,000	0	6,500,000	0	5,000,000	0	0
Other (9679R)	312,500	312,500	0	0	0	0	0	0	0
Student Fees (9677R)	450,000	450,000	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	19,087,500	3,087,500	4,500,000	0	6,500,000	0	5,000,000	0	0
TOTAL FUNDS	42,452,634	9,152,634	10,300,000	0	13,000,000	0	10,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
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Project Title: DUNDALK - RENOVATIONS/ADDITIONS

Location: CCBC - DUNDALK

Description:

THIS PROJECT PROVIDES FOR MISCELLANEOUS CAPITAL RENOVATIONS AND ADDITIONS TO BUILDING ON THE DUNDALK CAMPUS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Construction (4000)	6,975,868	1,975,868	1,000,000	0	2,000,000	0	2,000,000	0	0
TOTAL COST	6,975,868	1,975,868	1,000,000	0	2,000,000	0	2,000,000	0	0
Current/Future G O Bonds (9441R)	3,838,368	1,338,368	500,000	0	1,000,000	0	1,000,000	0	0
TOTAL COUNTY FUNDS	3,838,368	1,338,368	500,000	0	1,000,000	0	1,000,000	0	0
State Aid (9229R)	2,500,000	0	500,000	0	1,000,000	0	1,000,000	0	0
Other (9679R)	637,500	637,500	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	3,137,500	637,500	500,000	0	1,000,000	0	1,000,000	0	0
TOTAL FUNDS	6,975,868	1,975,868	1,000,000	0	2,000,000	0	2,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
209	2090106	1,6,7		E

Project Title: POWER PLANT MODERNIZATION - ALL

Location: CCBC - ALL

Description:

THE SCOPE OF THIS PROJECT INCLUDES THE REPLACEMENT OF BOILERS AND CHILLERS, CIRCULATION PUMPS, CONTROLS AND ANCILLARY PIPING AND ELECTRIC POWER SERVICE. BOILERS PROVIDE HOT WATER THROUGHOUT THE YEAR FOR BUILDING CONDITIONING, DOMESTIC HOT WATER, AND POOL WATER TEMPERING.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	400,000	100,000	100,000	0	100,000	0	100,000	0	0
Construction (4000)	3,650,000	650,000	1,600,000	0	700,000	0	700,000	0	0
TOTAL COST	4,050,000	750,000	1,700,000	0	800,000	0	800,000	0	0
Current/Future G O Bonds (9441R)	3,150,000	750,000	800,000	0	800,000	0	800,000	0	0
Reallocated G O Bonds (9449R)	900,000	0	900,000	0	0	0	0	0	0
TOTAL COUNTY FUNDS	4,050,000	750,000	1,700,000	0	800,000	0	800,000	0	0
TOTAL FUNDS	4,050,000	750,000	1,700,000	0	800,000	0	800,000	0	0

GENERAL GOVERNMENT BUILDINGS

The General Government Buildings projects outlined in the following pages represent the anticipated requirements to provide facilities essential to effectively operate County agencies. The buildings included are used by general government and the Departments of Health, Library, Aging (Senior Centers), and Recreation and Parks.

The scope of the projects funded from this program include repair and renovation of existing facilities and construction of new facilities.

Funding of these projects include County bond issues, General Funds, and Community Development Block Grants.

**BALTIMORE COUNTY
APPROPRIATION SUMMARY**

**CAPITAL BUDGET 2016
CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021**

STAGE 7

210 GENERAL GOVERNMENT BUILDINGS

PROJ NO.	TITLE	TOTAL ESTIMATED COST	PRIOR AUTHOR- IZATIONS	TOTAL FOR 6YR PROGRAM	BUDGET YEAR FY 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
						FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
0018	ENHANCED PRODUCTIVITY THRU TECHNOLOGY	60,410,950	51,661,650	8,749,300	8,749,300	0	0	0	0	0
0036	NEW BUILDINGS, REPAIR, RENOVATIONS, MINOR ADDNS	254,167,627	155,769,921	98,397,706	62,897,706	0	17,750,000	0	17,750,000	0
0055	ACCESS FOR PEOPLE WITH DISABILITIES	2,470,456	2,170,456	300,000	100,000	0	100,000	0	100,000	0
0065	HEALTH/ENVIRONMENT HAZARD REMEDATION	2,929,632	2,329,632	600,000	200,000	0	200,000	0	200,000	0
0069	REVENUE AUTHORITY GARAGE CAPITAL MAINTENANCE	7,750,000	1,750,000	6,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
0601	LIBRARY CAPITAL MAINT. & RENOV.	15,024,536	8,124,536	6,900,000	3,000,000	0	1,950,000	0	1,950,000	0
	TOTAL	342,753,201	221,806,195	120,947,006	75,947,006	1,000,000	21,000,000	1,000,000	21,000,000	1,000,000



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
210	2100036	1,2,3,4,5,6,7	8	G

Project Title: NEW BUILDINGS, REPAIR, RENOVATIONS, MINOR ADDNS

Location: COUNTYWIDE

Description:

THIS PROJECT PROVIDES FOR NEW CONSTRUCTION, MAINTENANCE, RENOVATIONS, AND ADDITIONS TO COUNTY BUILDINGS HOUSING SUCH SERVICES AS SENIOR CENTERS, HEALTH SERVICES, POLICE, FIRE, COURTS, AND OTHER GOVERNMENTAL SERVICES.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	3,095,796	3,095,796	0	0	0	0	0	0	0
Engineering (2000)	17,852,712	12,752,712	1,700,000	0	1,700,000	0	1,700,000	0	0
Right of Way (3000)	2,874	2,874	0	0	0	0	0	0	0
Construction (4000)	233,216,245	139,918,539	61,197,706	0	16,050,000	0	16,050,000	0	0
TOTAL COST	254,167,627	155,769,921	62,897,706	0	17,750,000	0	17,750,000	0	0
General Funds (9331R)	61,645,567	29,645,567	32,000,000	0	0	0	0	0	0
Reallocated General Funds (9339R)	2,344,828	2,340,680	4,148	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	131,507,985	96,007,985	0	0	17,750,000	0	17,750,000	0	0
Reallocated G O Bonds (9449R)	5,577,620	5,573,527	4,093	0	0	0	0	0	0
TOTAL COUNTY FUNDS	201,076,000	133,567,759	32,008,241	0	17,750,000	0	17,750,000	0	0
Federal/State Aid (9119R)	1,500,000	1,500,000	0	0	0	0	0	0	0
State Aid (9229R)	588,872	588,872	0	0	0	0	0	0	0
Donations (9678R)	4,620	4,620	0	0	0	0	0	0	0
Other (9679R)	26,178,315	1,178,315	25,000,000	0	0	0	0	0	0
Sale Of Property (9667R)	10,680,355	10,680,355	0	0	0	0	0	0	0
Debt Premium (9640R)	14,139,465	8,250,000	5,889,465	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	53,091,627	22,202,162	30,889,465	0	0	0	0	0	0
TOTAL FUNDS	254,167,627	155,769,921	62,897,706	0	17,750,000	0	17,750,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
210	2100055	1,2,3,4,5,6,7	8	G

Project Title: ACCESS FOR PEOPLE WITH DISABILITIES

Location: COUNTYWIDE

Description:

THESE FUNDS WILL PROVIDE FOR RETROFITTING COUNTY BUILDINGS TO FACILITATE USE BY PERSONS WITH DISABILITIES.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	37,000	37,000	0	0	0	0	0	0	0
Engineering (2000)	169,400	169,400	0	0	0	0	0	0	0
Construction (4000)	2,264,056	1,964,056	100,000	0	100,000	0	100,000	0	0
TOTAL COST	2,470,456	2,170,456	100,000	0	100,000	0	100,000	0	0
General Funds (9331R)	678,555	678,555	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	300,726	726	100,000	0	100,000	0	100,000	0	0
Reallocated G O Bonds (9449R)	12,654	12,654	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	991,935	691,935	100,000	0	100,000	0	100,000	0	0
Community Block Grant (9105R)	1,478,521	1,478,521	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	1,478,521	1,478,521	0	0	0	0	0	0	0
TOTAL FUNDS	2,470,456	2,170,456	100,000	0	100,000	0	100,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
210	2100065	1,2,3,4,5,6,7	8	G

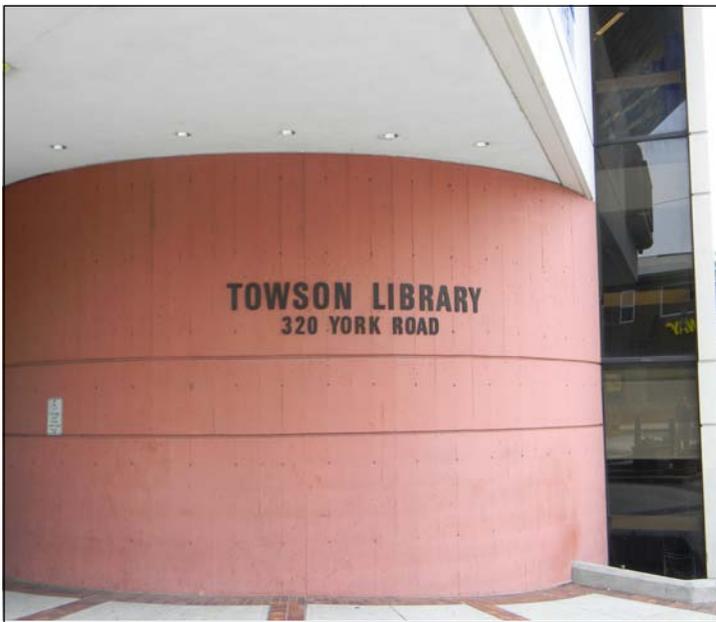
Project Title: HEALTH/ENVIRONMENT HAZARD REMEDIATION

Location: COUNTYWIDE

Description:

FUNDS ARE FOR THE REMEDIATION OF EXISTING OR POTENTIAL HEALTH/ENVIRONMENTAL HAZARDS AROUND COUNTY FACILITIES. THIS INCLUDES ITEMS MANDATED BY FEDERAL AND STATE LAW SUCH AS TESTING AND REPLACEMENT OF UNDERGROUND STORAGE TANKS, REPLACEMENT OR UPGRADE OF FUEL FACILITIES, LEAD ABATEMENT, PCB TRANSFORMER REMOVAL, ETC.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	6,500	6,500	0	0	0	0	0	0	0
Construction (4000)	2,923,132	2,323,132	200,000	0	200,000	0	200,000	0	0
TOTAL COST	2,929,632	2,329,632	200,000	0	200,000	0	200,000	0	0
General Funds (9331R)	272,768	272,768	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	2,392,832	1,792,832	200,000	0	200,000	0	200,000	0	0
Reallocated G O Bonds (9449R)	251,209	251,209	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	2,916,809	2,316,809	200,000	0	200,000	0	200,000	0	0
Other (9679R)	12,823	12,823	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	12,823	12,823	0	0	0	0	0	0	0
TOTAL FUNDS	2,929,632	2,329,632	200,000	0	200,000	0	200,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
210	2100601	1,2,3,4,5,6,7	8	G

Project Title: LIBRARY CAPITAL MAINT. & RENOV.

Location: COUNTYWIDE

Description:

THIS PROJECT PROVIDES FOR CAPITAL MAINTENANCE AND CAPITAL RENOVATIONS AT ALL COUNTY OWNED PUBLIC LIBRARIES.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	230,701	230,701	0	0	0	0	0	0	0
Right of Way (3000)	202,000	202,000	0	0	0	0	0	0	0
Construction (4000)	14,591,835	7,691,835	3,000,000	0	1,950,000	0	1,950,000	0	0
TOTAL COST	15,024,536	8,124,536	3,000,000	0	1,950,000	0	1,950,000	0	0
General Funds (9331R)	1,050,000	0	1,050,000	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	13,608,536	7,758,536	1,950,000	0	1,950,000	0	1,950,000	0	0
TOTAL COUNTY FUNDS	14,658,536	7,758,536	3,000,000	0	1,950,000	0	1,950,000	0	0
State Aid (9229R)	366,000	366,000	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	366,000	366,000	0	0	0	0	0	0	0
TOTAL FUNDS	15,024,536	8,124,536	3,000,000	0	1,950,000	0	1,950,000	0	0

PARKS, PRESERVATION AND GREENWAYS

The Recreation and Parks projects anticipated for the coming fiscal year and the following five year Capital Improvement Program represent a continuation of Baltimore County's efforts to provide quality recreation facilities for all its residents.

The planned projects, as outlined in the following pages, provide for the acquisition and development of local parks and playgrounds, waterfront parks, community and area parks, school recreation centers, and acquisition of stream valley areas.

The Capital Budget and Capital Improvement Program is developed in conjunction with the adopted Baltimore County Recreation and Parks Master Plan, Local Open Space Plan and Growth Management Legislation.

Financing for these projects includes County bond issues, State Program Open Space funds, and Local Open Space Waiver fees.

**BALTIMORE COUNTY
APPROPRIATION SUMMARY**

**CAPITAL BUDGET 2016
CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021**

STAGE 7

212 PARKS, PRESERVATION AND GREENWAYS

PROJ NO.	TITLE	TOTAL ESTIMATED COST	PRIOR AUTHOR- IZATIONS	TOTAL FOR 6YR PROGRAM	BUDGET YEAR FY 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
						FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
0016	NEIGHBORSPLACE	1,245,220	1,020,220	225,000	75,000	0	75,000	0	75,000	0
0301	RECREATION FACILITY CONSTRUCTION/RENOVATION	23,643,848	13,554,079	10,089,769	789,769	0	4,550,000	0	4,750,000	0
0302	ATHLETIC FIELD CONSTRUCTION/RENOVATION	34,597,633	30,697,633	3,900,000	2,100,000	0	900,000	0	900,000	0
0307	COMMUNITY/NEIGHBORHOOD PARK DVLPMNT	54,992,108	42,206,108	12,786,000	7,086,000	0	2,950,000	0	2,750,000	0
0309	GREENWAYS/STREAM VALLEYS/TRAILS DVLP.	4,699,187	3,019,187	1,680,000	180,000	0	750,000	0	750,000	0
0601	PARK & RECREATION FACILITY ACQUISITION	31,602,696	27,302,696	4,300,000	100,000	0	2,100,000	0	2,100,000	0
0755	PARK & RECREATION CENTER ACCESSIBILITY	880,553	730,553	150,000	0	0	75,000	0	75,000	0
	TOTAL	151,661,245	118,530,476	33,130,769	10,330,769	0	11,400,000	0	11,400,000	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
212	2120016	1,2,3,4,5,6,7		

Project Title: NEIGHBORSPACE

Location: COUNTYWIDE

Description:

THIS PROGRAM WILL PROVIDE OPEN SPACE IN OLDER COMMUNITIES.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Right of Way (3000)	1,245,220	1,020,220	75,000	0	75,000	0	75,000	0	0
TOTAL COST	1,245,220	1,020,220	75,000	0	75,000	0	75,000	0	0
General Funds (9331R)	195,000	195,000	0	0	0	0	0	0	0
Reallocated General Funds (9339R)	250,000	250,000	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	445,000	445,000	0	0	0	0	0	0	0
State Aid (9229R)	150,000	150,000	0	0	0	0	0	0	0
Local Open Space Waiver Fee (9671R)	650,220	425,220	75,000	0	75,000	0	75,000	0	0
TOTAL OUTSIDE FUNDS	800,220	575,220	75,000	0	75,000	0	75,000	0	0
TOTAL FUNDS	1,245,220	1,020,220	75,000	0	75,000	0	75,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
212	2120301	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: RECREATION FACILITY CONSTRUCTION/RENOVATION

Location: COUNTYWIDE

Description:

CAPITAL CONSTRUCTION, RENOVATION AND MAJOR MAINTENANCE OF ACTIVE AND PASSIVE PARKS INCLUDING, BUT NOT LIMITED TO, FACILITIES, COURTS, COMFORT STATIONS, TRAILS, PLANTINGS, BENCHES, PAVILIONS, LIGHTING, SIDEWALKS, FOUNTAINS, PIERS, BOAT RAMPS, ROADWAYS, PARKING, AND PAVING, ETC.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	1,269,274	1,269,274	0	0	0	0	0	0	0
Engineering (2000)	1,568,318	768,318	0	0	400,000	0	400,000	0	0
Construction (4000)	20,806,256	11,516,487	789,769	0	4,150,000	0	4,350,000	0	0
TOTAL COST	23,643,848	13,554,079	789,769	0	4,550,000	0	4,750,000	0	0
General Funds (9331R)	2,176,036	2,176,036	0	0	0	0	0	0	0
Reallocated General Funds (9339R)	452,504	449,814	2,690	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	10,880,843	6,030,843	0	0	2,325,000	0	2,525,000	0	0
Reallocated G O Bonds (9449R)	1,601,436	1,235,108	366,328	0	0	0	0	0	0
TOTAL COUNTY FUNDS	15,110,819	9,891,801	369,018	0	2,325,000	0	2,525,000	0	0
Community Block Grant (9105R)	645,000	645,000	0	0	0	0	0	0	0
State Aid (9229R)	631,714	631,714	0	0	0	0	0	0	0
Donations (9678R)	219,927	219,927	0	0	0	0	0	0	0
Other (9679R)	352,482	202,482	50,000	0	50,000	0	50,000	0	0
Program Open Space (9224R)	5,875,655	1,875,655	0	0	2,000,000	0	2,000,000	0	0
Reallocated Open Space (9234R)	127,500	37,500	90,000	0	0	0	0	0	0
Local Open Space Waiver Fee (9671R)	625,000	0	275,000	0	175,000	0	175,000	0	0
Reallocated LOS Waiver (9685R)	55,751	50,000	5,751	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	8,533,029	3,662,278	420,751	0	2,225,000	0	2,225,000	0	0
TOTAL FUNDS	23,643,848	13,554,079	789,769	0	4,550,000	0	4,750,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
212	2120302	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: ATHLETIC FIELD CONSTRUCTION/RENOVATION

Location: COUNTYWIDE

Description:

CAPITAL RENOVATION AND NEW CONSTRUCTION OF NATURAL AND SYNTHETIC ATHLETIC FIELDS AND BALL DIAMONDS, INCLUDING FENCING, LIGHTING, PLAYERS BENCHES, ETC.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	18,928	18,928	0	0	0	0	0	0	0
Engineering (2000)	1,951,053	1,551,053	0	0	200,000	0	200,000	0	0
Construction (4000)	32,627,652	29,127,652	2,100,000	0	700,000	0	700,000	0	0
TOTAL COST	34,597,633	30,697,633	2,100,000	0	900,000	0	900,000	0	0
General Funds (9331R)	6,024,754	4,524,754	1,500,000	0	0	0	0	0	0
Reallocated General Funds (9339R)	649,520	649,520	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	8,360,585	6,760,585	0	0	800,000	0	800,000	0	0
Reallocated G O Bonds (9449R)	262,026	262,026	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	15,296,885	12,196,885	1,500,000	0	800,000	0	800,000	0	0
State Aid (9229R)	3,000,000	3,000,000	0	0	0	0	0	0	0
Donations (9678R)	212,410	212,410	0	0	0	0	0	0	0
Other (9679R)	1,366,311	566,311	600,000	0	100,000	0	100,000	0	0
Program Open Space (9224R)	13,664,109	13,664,109	0	0	0	0	0	0	0
Reallocated Open Space (9234R)	761,099	761,099	0	0	0	0	0	0	0
Local Open Space Waiver Fee (9671R)	296,819	296,819	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	19,300,748	18,500,748	600,000	0	100,000	0	100,000	0	0
TOTAL FUNDS	34,597,633	30,697,633	2,100,000	0	900,000	0	900,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
212	2120307	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: COMMUNITY/NEIGHBORHOOD PARK DVLP MNT

Location: COUNTYWIDE

Description

DEVELOPMENT OF NEW AND/OR CAPITAL RENOVATION OF EXISTING NEIGHBORHOOD AND COMMUNITY PARKS THROUGHOUT THE ENTIRE COUNTY.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	60,465	60,465	0	0	0	0	0	0	0
Engineering (2000)	5,508,000	4,508,000	500,000	0	250,000	0	250,000	0	0
Construction (4000)	49,423,643	37,637,643	6,586,000	0	2,700,000	0	2,500,000	0	0
TOTAL COST	54,992,108	42,206,108	7,086,000	0	2,950,000	0	2,750,000	0	0
General Funds (9331R)	15,802,075	15,302,075	500,000	0	0	0	0	0	0
Reallocated General Funds (9339R)	83,497	83,497	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	11,862,501	11,162,501	0	0	450,000	0	250,000	0	0
Reallocated G O Bonds (9449R)	231,629	231,629	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	27,979,702	26,779,702	500,000	0	450,000	0	250,000	0	0
State Aid (9229R)	1,834,000	1,500,000	334,000	0	0	0	0	0	0
Donations (9678R)	1,505,400	1,505,400	0	0	0	0	0	0	0
Other (9679R)	5,858,600	526,600	5,332,000	0	0	0	0	0	0
Program Open Space (9224R)	13,990,124	8,070,124	920,000	0	2,500,000	0	2,500,000	0	0
Local Open Space Waiver Fee (9671R)	1,450,000	1,450,000	0	0	0	0	0	0	0
Reallocated LOS Waiver (9685R)	2,374,282	2,374,282	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	27,012,406	15,426,406	6,586,000	0	2,500,000	0	2,500,000	0	0
TOTAL FUNDS	54,992,108	42,206,108	7,086,000	0	2,950,000	0	2,750,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
212	2120309	1,2,3,4,5,6,7	1,2,3,4,5,9	W,C,E,N

Project Title: GREENWAYS/STREAM VALLEYS/TRAILS DVLP.

Location: COUNTYWIDE

Description

ACQUISITION AND DEVELOPMENT OF STREAM VALLEY PARKS AND GREENWAYS THROUGHOUT THE COUNTY INCLUDING DEVELOPMENT OF RECREATIONAL TRAILS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	1,042,262	642,262	0	0	200,000	0	200,000	0	0
Construction (4000)	3,656,925	2,376,925	180,000	0	550,000	0	550,000	0	0
TOTAL COST	4,699,187	3,019,187	180,000	0	750,000	0	750,000	0	0
General Funds (9331R)	559,608	559,608	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	1,655,810	1,155,810	0	0	250,000	0	250,000	0	0
TOTAL COUNTY FUNDS	2,215,418	1,715,418	0	0	250,000	0	250,000	0	0
Federal/State Aid (9119R)	30,000	30,000	0	0	0	0	0	0	0
State Aid (9229R)	186,000	186,000	0	0	0	0	0	0	0
Donations (9678R)	127,000	127,000	0	0	0	0	0	0	0
Other (9679R)	68,000	68,000	0	0	0	0	0	0	0
Program Open Space (9224R)	1,822,769	642,769	180,000	0	500,000	0	500,000	0	0
Department Natural Resources (9222R)	250,000	250,000	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	2,483,769	1,303,769	180,000	0	500,000	0	500,000	0	0
TOTAL FUNDS	4,699,187	3,019,187	180,000	0	750,000	0	750,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
212	2120601	1,2,3,4,5,6,7	5	W,C,E,N

Project Title: PARK & RECREATION FACILITY ACQUISITION

Location: COUNTYWIDE

Description

ACQUISITION OF OPEN SPACE AND LAND FOR PARKS AND RECREATION FACILITIES COUNTYWIDE.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	103,951	103,951	0	0	0	0	0	0	0
Engineering (2000)	63,897	63,897	0	0	0	0	0	0	0
Right of Way (3000)	31,456,472	27,156,472	100,000	0	2,100,000	0	2,100,000	0	0
Construction (4000)	-21,624	-21,624	0	0	0	0	0	0	0
TOTAL COST	31,602,696	27,302,696	100,000	0	2,100,000	0	2,100,000	0	0
General Funds (9331R)	1,942,502	1,942,502	0	0	0	0	0	0	0
Reallocated General Funds (9339R)	37,860	37,860	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	812,604	612,604	0	0	100,000	0	100,000	0	0
Reallocated G O Bonds (9449R)	18,100	18,100	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	2,811,066	2,611,066	0	0	100,000	0	100,000	0	0
Other (9679R)	15,000	15,000	0	0	0	0	0	0	0
Program Open Space (9224R)	27,711,630	23,611,630	100,000	0	2,000,000	0	2,000,000	0	0
Department Natural Resources (9222R)	65,000	65,000	0	0	0	0	0	0	0
Local Open Space Waiver Fee (9671R)	1,000,000	1,000,000	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	28,791,630	24,691,630	100,000	0	2,000,000	0	2,000,000	0	0
TOTAL FUNDS	31,602,696	27,302,696	100,000	0	2,100,000	0	2,100,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
212	2120755	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: PARK & RECREATION CENTER ACCESSIBILITY

Location: COUNTYWIDE

Description

NEW CONSTRUCTION AND/OR CAPITAL RENOVATION OF RECREATION FACILITIES INCLUDING COMFORT STATIONS, PAVILIONS, PICNIC AND SEATING AREAS, BOATING AREAS, PARKING FACILITIES AND PATHWAYS IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	41,512	41,512	0	0	0	0	0	0	0
Engineering (2000)	77,635	77,635	0	0	0	0	0	0	0
Construction (4000)	761,406	611,406	0	0	75,000	0	75,000	0	0
TOTAL COST	880,553	730,553	0	0	75,000	0	75,000	0	0
Current/Future G O Bonds (9441R)	777,740	627,740	0	0	75,000	0	75,000	0	0
TOTAL COUNTY FUNDS	777,740	627,740	0	0	75,000	0	75,000	0	0
Other (9679R)	12,813	12,813	0	0	0	0	0	0	0
Program Open Space (9224R)	90,000	90,000	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	102,813	102,813	0	0	0	0	0	0	0
TOTAL FUNDS	880,553	730,553	0	0	75,000	0	75,000	0	0



SCHOOLS

The school projects described in the following pages reflect the upcoming fiscal year's Capital Budget and the five year Capital Improvement Program for Baltimore County's Board of Education. This program includes funds for projects such as the repair and replacement of substandard and deteriorating roofs, additions to existing schools, site improvements, energy saving measures, and alternations to meet safety and program standards as well as the construction of new schools.

Funding for these projects will be provided by County bond issues and General Funds. State School Construction Funds are also provided for these projects, however, State law does not require such funding to be reflected in the County's budget.

**BALTIMORE COUNTY
APPROPRIATION SUMMARY**

**CAPITAL BUDGET 2016
CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021**

STAGE 7

213 SCHOOLS

PROJ NO.	TITLE	TOTAL ESTIMATED COST	PRIOR AUTHOR- IZATIONS	TOTAL FOR 6YR PROGRAM	BUDGET YEAR FY 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
						FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
0004	FUEL TANK REPLACEMENTS	6,990,737	6,490,737	500,000	0	0	250,000	0	250,000	0
0011	ACCESS FOR THE DISABLED	5,328,962	3,828,962	1,500,000	0	0	750,000	0	750,000	0
0116	KITCHEN EQUIPMENT UPGRADES	8,847,021	6,847,021	2,000,000	0	0	1,000,000	0	1,000,000	0
0117	TRANSPORTATION IMPROVEMENTS	18,984,607	14,984,607	4,000,000	0	0	2,000,000	0	2,000,000	0
0200	HIGH SCHOOL SYSTEMIC RENOV., MODS. AND ADDNS.	285,426,453	270,426,453	15,000,000	0	0	5,000,000	0	10,000,000	0
0201	CEN AREA NEW CONSTRUCTION, ADDITIONS, AND RENOVATIONS	45,678,034	44,651,034	1,027,000	1,027,000	0	0	0	0	0
0203	SW AREA NEW CONSTRUCTION, ADDITIONS AND RENOVATIONS	132,802,000	54,599,000	78,203,000	44,893,000	0	22,810,000	0	10,500,000	0
0204	NW AREA NEW CONSTRUCTION, ADDITIONS, AND RENOVATIONS	33,000,000	0	33,000,000	0	0	26,250,000	0	6,750,000	0
0207	NE AREA NEW CONSTRUCTION, ADDITIONS, AND RENOVATIONS	57,220,000	2,800,000	54,420,000	2,800,000	0	45,620,000	0	6,000,000	0
0208	SE AREA NEW CONSTRUCTION, ADDITIONS, AND RENOVATIONS	35,000,000	0	35,000,000	0	0	0	0	35,000,000	0
0209	SCHOOL AIR CONDITIONING PROJECTS	72,060,000	14,853,000	57,207,000	0	0	12,968,000	0	44,239,000	0
0665	MAJOR MAINTENANCE	286,254,049	166,170,049	120,084,000	90,284,000	0	14,800,000	0	15,000,000	0
0666	ALTERATIONS/CODE UPDATES/RESTORATION	31,713,059	27,713,059	4,000,000	0	0	2,000,000	0	2,000,000	0
0671	ROOF REHABILITATION	157,495,633	111,165,633	46,330,000	16,330,000	0	15,000,000	0	15,000,000	0
0672	SITE IMPROVEMENTS	42,200,194	38,200,194	4,000,000	0	0	2,000,000	0	2,000,000	0
	TOTAL	1,219,000,749	762,729,749	456,271,000	155,334,000	0	150,448,000	0	150,489,000	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
213	2130004	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: FUEL TANK REPLACEMENTS

Location: COUNTYWIDE

Description

THIS PROJECT PROVIDES FOR THE REMOVAL AND REPLACEMENT OF EXISTING UNDERGROUND FUEL TANKS IN ACCORDANCE WITH FEDERAL REGULATIONS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	7,051	7,051	0	0	0	0	0	0	0
Construction (4000)	6,983,686	6,483,686	0	0	250,000	0	250,000	0	0
TOTAL COST	6,990,737	6,490,737	0	0	250,000	0	250,000	0	0
Reallocated General Funds (9339R)	448,510	448,510	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	6,542,227	6,042,227	0	0	250,000	0	250,000	0	0
TOTAL COUNTY FUNDS	6,990,737	6,490,737	0	0	250,000	0	250,000	0	0
TOTAL FUNDS	6,990,737	6,490,737	0	0	250,000	0	250,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
213	2130011	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: ACCESS FOR THE DISABLED

Location: COUNTYWIDE

Description

PROJECT PROVIDES FOR MODIFICATIONS TO SCHOOL BUILDINGS TO INSURE ACCESS FOR THE PHYSICALLY DISABLED IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Construction (4000)	5,328,962	3,828,962	0	0	750,000	0	750,000	0	0
TOTAL COST	5,328,962	3,828,962	0	0	750,000	0	750,000	0	0
Current/Future G O Bonds (9441R)	5,278,962	3,778,962	0	0	750,000	0	750,000	0	0
TOTAL COUNTY FUNDS	5,278,962	3,778,962	0	0	750,000	0	750,000	0	0
Donations (9678R)	50,000	50,000	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	50,000	50,000	0	0	0	0	0	0	0
TOTAL FUNDS	5,328,962	3,828,962	0	0	750,000	0	750,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
213	2130116	1,2,3,4,5,6,7	1,2,3,4,5	

Project Title: KITCHEN EQUIPMENT UPGRADES

Location: COUNTYWIDE

Description

RENOVATE AND UPGRADE KITCHEN EQUIPMENT. THIS INCLUDES REPLACING FREEZERS AND REFRIGERATORS, DISHWASHERS AND FOUR COMPARTMENT WAREWASHING SINKS. VARIOUS OTHER KITCHEN UPGRADES WILL BE INCLUDED AS NEEDED.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Construction (4000)	8,847,021	6,847,021	0	0	1,000,000	0	1,000,000	0	0
TOTAL COST	8,847,021	6,847,021	0	0	1,000,000	0	1,000,000	0	0
Current/Future G O Bonds (9441R)	8,847,021	6,847,021	0	0	1,000,000	0	1,000,000	0	0
TOTAL COUNTY FUNDS	8,847,021	6,847,021	0	0	1,000,000	0	1,000,000	0	0
TOTAL FUNDS	8,847,021	6,847,021	0	0	1,000,000	0	1,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
213	2130117	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: TRANSPORTATION IMPROVEMENTS

Location: COUNTYWIDE

Description

PROVIDES FOR VARIOUS IMPROVEMENTS AND UPGRADES TO BUS LOTS AND MAINTENANCE FACILITIES.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Construction (4000)	18,984,607	14,984,607	0	0	2,000,000	0	2,000,000	0	0
TOTAL COST	18,984,607	14,984,607	0	0	2,000,000	0	2,000,000	0	0
General Funds (9331R)	6,760,245	6,760,245	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	12,224,362	8,224,362	0	0	2,000,000	0	2,000,000	0	0
TOTAL COUNTY FUNDS	18,984,607	14,984,607	0	0	2,000,000	0	2,000,000	0	0
TOTAL FUNDS	18,984,607	14,984,607	0	0	2,000,000	0	2,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
213	2130200	1,2,3,4,5,6,7		

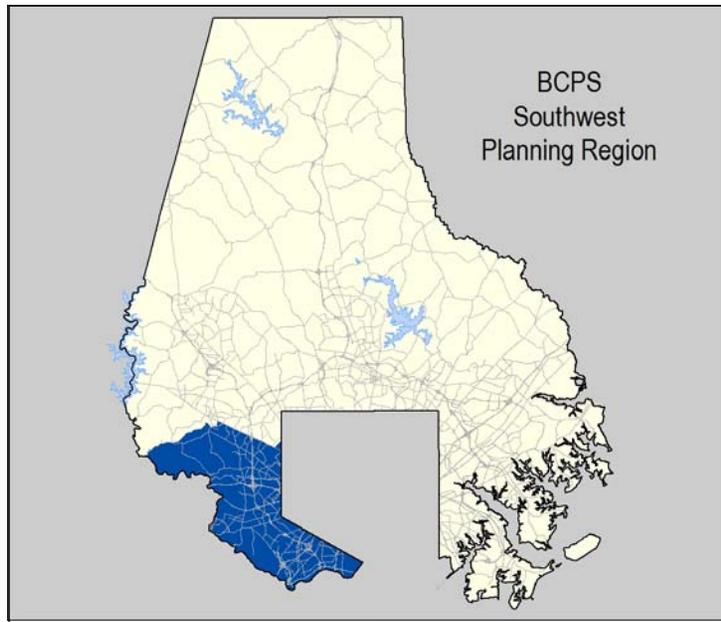
Project Title: HIGH SCHOOL SYSTEMIC RENOV., MODS. AND ADDNS.

Location: COUNTYWIDE

Description

THIS PROJECT WILL FUND THE SYSTEMIC RENOVATIONS, MODERNIZATIONS, AND ADDITIONS AT HIGH SCHOOLS. IMPROVEMENTS INCLUDE, BUT ARE NOT LIMITED TO, REPLACEMENT OF DOMESTIC WATER SYSTEMS, HVAC SYSTEMS, ELECTRICAL SYSTEMS, LIGHTING SYSTEMS, KITCHEN EXHAUST SYSTEMS AND WINDOW REPLACEMENT, SPRINKLER SYSTEMS INSTALLATIONS, COMPLETE ADA MODIFICATIONS AND VARIOUS OTHER BUILDING IMPROVEMENTS. WHEN FEASIBLE, ADDITIONS OR FULL BUILDING REPLACEMENT MAY TAKE PLACE.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	18,259,712	18,259,712	0	0	0	0	0	0	0
Construction (4000)	267,166,741	252,166,741	0	0	5,000,000	0	10,000,000	0	0
TOTAL COST	285,426,453	270,426,453	0	0	5,000,000	0	10,000,000	0	0
General Funds (9331R)	68,997,329	68,997,329	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	214,215,311	199,215,311	0	0	5,000,000	0	10,000,000	0	0
TOTAL COUNTY FUNDS	283,212,640	268,212,640	0	0	5,000,000	0	10,000,000	0	0
State Aid (9229R)	2,213,813	2,213,813	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	2,213,813	2,213,813	0	0	0	0	0	0	0
TOTAL FUNDS	285,426,453	270,426,453	0	0	5,000,000	0	10,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
213	2130203	1,4	2,7,8	W

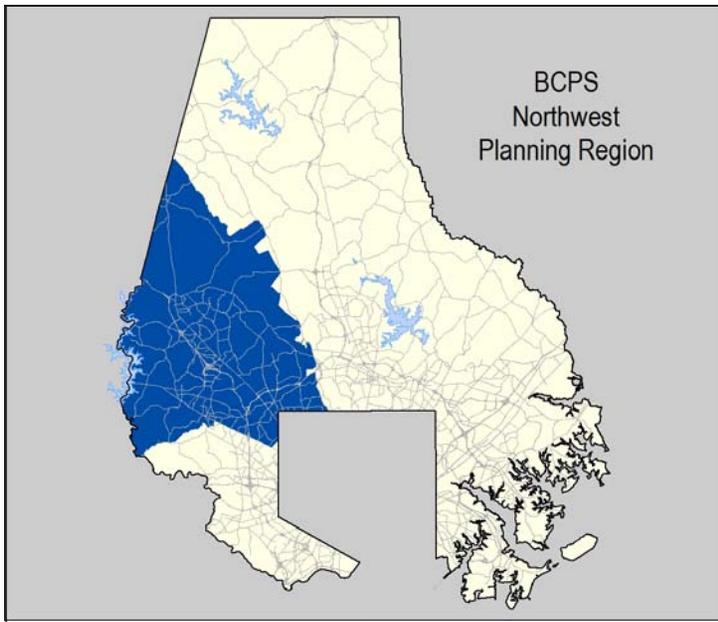
Project Title: SW AREA NEW CONSTRUCTION, ADDITIONS AND RENOVATIONS

Location: SOUTHWEST AREA

Description

THIS PROJECT WILL FUND THE CONSTRUCTION OF ADDITIONAL ELEMENTARY SEATS FOR SCHOOLS IN THE SOUTHWEST AREA.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Construction (4000)	132,802,000	54,599,000	44,893,000	0	22,810,000	0	10,500,000	0	0
TOTAL COST	132,802,000	54,599,000	44,893,000	0	22,810,000	0	10,500,000	0	0
Current/Future G O Bonds (9441R)	117,284,000	54,599,000	29,375,000	0	22,810,000	0	10,500,000	0	0
TOTAL COUNTY FUNDS	117,284,000	54,599,000	29,375,000	0	22,810,000	0	10,500,000	0	0
State Aid (9229R)	15,518,000	0	15,518,000	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	15,518,000	0	15,518,000	0	0	0	0	0	0
TOTAL FUNDS	132,802,000	54,599,000	44,893,000	0	22,810,000	0	10,500,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
213	2130204	2,3,4	2,7,8	W

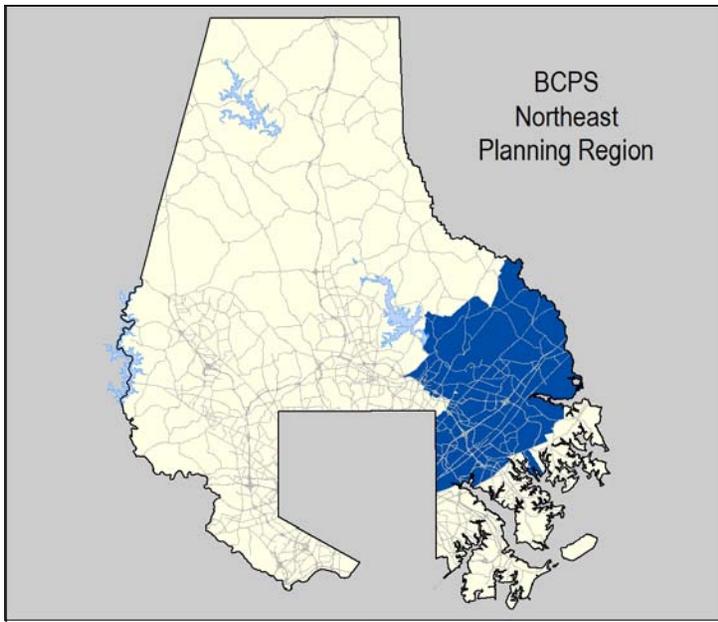
Project Title: NW AREA NEW CONSTRUCTION, ADDITIONS, AND RENOVATIONS

Location: NORTHWEST AREA

Description

THIS PROJECT WILL FUND THE CONSTRUCTION OF ADDITIONAL ELEMENTARY SEATS FOR SCHOOLS IN THE NORTHWEST AREA.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Construction (4000)	33,000,000	0	0	0	26,250,000	0	6,750,000	0	0
TOTAL COST	33,000,000	0	0	0	26,250,000	0	6,750,000	0	0
Current/Future G O Bonds (9441R)	33,000,000	0	0	0	26,250,000	0	6,750,000	0	0
TOTAL COUNTY FUNDS	33,000,000	0	0	0	26,250,000	0	6,750,000	0	0
TOTAL FUNDS	33,000,000	0	0	0	26,250,000	0	6,750,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
213	2130207	3,5,6	2,7,8	E

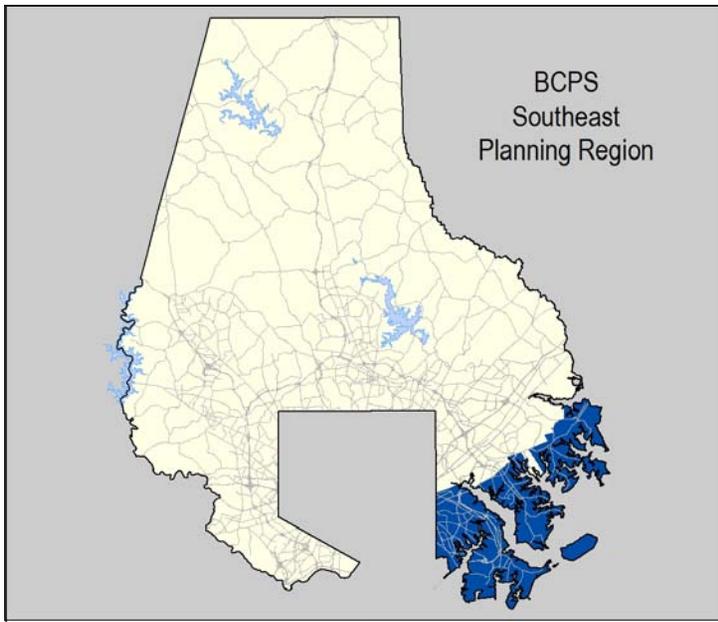
Project Title: NE AREA NEW CONSTRUCTION, ADDITIONS, AND RENOVATIONS

Location: NORTHEAST AREA

Description

THIS PROJECT WILL FUND THE CONSTRUCTION OF ADDITIONAL ELEMENTARY SEATS FOR SCHOOLS IN THE NORTHEAST AREA.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Construction (4000)	57,220,000	2,800,000	2,800,000	0	45,620,000	0	6,000,000	0	0
TOTAL COST	57,220,000	2,800,000	2,800,000	0	45,620,000	0	6,000,000	0	0
Current/Future G O Bonds (9441R)	57,220,000	2,800,000	2,800,000	0	45,620,000	0	6,000,000	0	0
TOTAL COUNTY FUNDS	57,220,000	2,800,000	2,800,000	0	45,620,000	0	6,000,000	0	0
TOTAL FUNDS	57,220,000	2,800,000	2,800,000	0	45,620,000	0	6,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
213	2130208	6,7	2,7,8	E

Project Title: SE AREA NEW CONSTRUCTION, ADDITIONS, AND RENOVATIONS

Location: SOUTHEAST

Description

THIS PROJECT WILL FUND THE CONSTRUCTION OF ADDITIONAL ELEMENTARY SEATS FOR SCHOOLS IN THE SOUTHEAST AREA.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Construction (4000)	35,000,000	0	0	0	0	0	35,000,000	0	0
TOTAL COST	35,000,000	0	0	0	0	0	35,000,000	0	0
Current/Future G O Bonds (9441R)	35,000,000	0	0	0	0	0	35,000,000	0	0
TOTAL COUNTY FUNDS	35,000,000	0	0	0	0	0	35,000,000	0	0
TOTAL FUNDS	35,000,000	0	0	0	0	0	35,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
213	2130209	1,2,3,4,5,6,7	2,7,8	W,C,E,N

Project Title: SCHOOL AIR CONDITIONING PROJECTS

Location: COUNTYWIDE

Description

THIS FUNDING WILL BE USED FOR THE INSTALLATION OF AIR CONDITIONING IN SCHOOLS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Construction (4000)	72,060,000	14,853,000	0	0	12,968,000	0	44,239,000	0	0
TOTAL COST	72,060,000	14,853,000	0	0	12,968,000	0	44,239,000	0	0
General Funds (9331R)	3,119,000	3,119,000	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	68,941,000	11,734,000	0	0	12,968,000	0	44,239,000	0	0
TOTAL COUNTY FUNDS	72,060,000	14,853,000	0	0	12,968,000	0	44,239,000	0	0
TOTAL FUNDS	72,060,000	14,853,000	0	0	12,968,000	0	44,239,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
213	2130665	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: MAJOR MAINTENANCE

Location: COUNTYWIDE

Description

CAPITAL MAINTENANCE OF SCHOOL SYSTEM BUILDINGS. FUNDS WILL BE USED TO INSTALL NEW BOILERS, REPLACE WINDOWS, REPLACE HVAC AND UNIT VENTILATORS, EXTERIOR LIGHTING UPGRADES AND VARIOUS OTHER PROJECTS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	5,377,450	5,377,450	0	0	0	0	0	0	0
Engineering (2000)	108,700	108,700	0	0	0	0	0	0	0
Construction (4000)	280,767,899	160,683,899	90,284,000	0	14,800,000	0	15,000,000	0	0
TOTAL COST	286,254,049	166,170,049	90,284,000	0	14,800,000	0	15,000,000	0	0
General Funds (9331R)	90,992,265	56,618,799	34,373,466	0	0	0	0	0	0
Reallocated General Funds (9339R)	3,084,812	3,084,812	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	162,149,574	86,723,040	45,626,534	0	14,800,000	0	15,000,000	0	0
Reallocated G O Bonds (9449R)	1,315,973	1,315,973	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	257,542,624	147,742,624	80,000,000	0	14,800,000	0	15,000,000	0	0
State Aid (9229R)	10,284,000	0	10,284,000	0	0	0	0	0	0
Donations (9678R)	485,000	485,000	0	0	0	0	0	0	0
Other (9679R)	697,704	697,704	0	0	0	0	0	0	0
Debt Premium (9640R)	17,244,721	17,244,721	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	28,711,425	18,427,425	10,284,000	0	0	0	0	0	0
TOTAL FUNDS	286,254,049	166,170,049	90,284,000	0	14,800,000	0	15,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
213	2130666	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: ALTERATIONS/CODE UPDATES/RESTORATION

Location: COUNTYWIDE

Description

FUNDS WILL BE USED FOR RENOVATIONS TO CORRECT DETERIORATED FACILITIES AND IMPROVE AREAS TO COMPLY WITH BUILDING CODES, COMPLETE ADA RELATED PROJECTS, AND VARIOUS ENVIRONMENTAL PROJECTS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	1,913,796	1,913,796	0	0	0	0	0	0	0
Engineering (2000)	299,225	299,225	0	0	0	0	0	0	0
Construction (4000)	29,500,038	25,500,038	0	0	2,000,000	0	2,000,000	0	0
TOTAL COST	31,713,059	27,713,059	0	0	2,000,000	0	2,000,000	0	0
General Funds (9331R)	1,177,207	1,177,207	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	29,876,325	25,876,325	0	0	2,000,000	0	2,000,000	0	0
Reallocated G O Bonds (9449R)	429,527	429,527	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	31,483,059	27,483,059	0	0	2,000,000	0	2,000,000	0	0
State Aid (9229R)	230,000	230,000	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	230,000	230,000	0	0	0	0	0	0	0
TOTAL FUNDS	31,713,059	27,713,059	0	0	2,000,000	0	2,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
213	2130671	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: ROOF REHABILITATION

Location: COUNTYWIDE

Description

THIS PROJECT PROVIDES FOR ALL REROOFING NEEDS IN THE SCHOOL SYSTEM.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	56,871,679	56,871,679	0	0	0	0	0	0	0
Construction (4000)	100,623,954	54,293,954	16,330,000	0	15,000,000	0	15,000,000	0	0
TOTAL COST	157,495,633	111,165,633	16,330,000	0	15,000,000	0	15,000,000	0	0
General Funds (9331R)	6,821,171	6,821,171	0	0	0	0	0	0	0
Reallocated General Funds (9339R)	371,465	371,465	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	143,318,794	101,041,828	12,276,966	0	15,000,000	0	15,000,000	0	0
Reallocated G O Bonds (9449R)	6,984,203	2,931,169	4,053,034	0	0	0	0	0	0
TOTAL COUNTY FUNDS	157,495,633	111,165,633	16,330,000	0	15,000,000	0	15,000,000	0	0
TOTAL FUNDS	157,495,633	111,165,633	16,330,000	0	15,000,000	0	15,000,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
213	2130672	1,2,3,4,5,6,7	1,2,3,4,5	W,C,E,N

Project Title: SITE IMPROVEMENTS

Location: COUNTYWIDE

Description

THIS PROJECT PROVIDES APPROPRIATIONS FOR RESTORING DETERIORATED FIELDS, TRACKS, TENNIS COURTS, AND OTHER ATHLETIC FACILITIES, MINOR ADDITIONS TO EXISTING FACILITIES SUCH AS PRE-K PLAY AREAS, IMPROVEMENTS TO OUTDOOR MULTIPURPOSE ATHLETIC FACILITIES AND PARKING LOT IMPROVEMENTS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	1,648,679	1,648,679	0	0	0	0	0	0	0
Engineering (2000)	6,397,450	6,397,450	0	0	0	0	0	0	0
Right of Way (3000)	3,500	3,500	0	0	0	0	0	0	0
Construction (4000)	34,150,565	30,150,565	0	0	2,000,000	0	2,000,000	0	0
TOTAL COST	42,200,194	38,200,194	0	0	2,000,000	0	2,000,000	0	0
General Funds (9331R)	12,328,818	12,328,818	0	0	0	0	0	0	0
Reallocated General Funds (9339R)	50,125	50,125	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	29,724,796	25,724,796	0	0	2,000,000	0	2,000,000	0	0
Reallocated G O Bonds (9449R)	90,454	90,454	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	42,194,193	38,194,193	0	0	2,000,000	0	2,000,000	0	0
Other (9679R)	6,001	6,001	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	6,001	6,001	0	0	0	0	0	0	0
TOTAL FUNDS	42,200,194	38,200,194	0	0	2,000,000	0	2,000,000	0	0



LAND PRESERVATION

The Land Preservation class of projects provides for the acquisition of development easements under the Maryland Agricultural Land Preservation Program. In addition, it also provides for the acquisition of rural and urban land and/or easements under other State and County programs.

Financing for these projects is provided by the Agricultural Transfer Tax, funds from the State of Maryland, Federal funds, County bonds issues and General Funds.

**BALTIMORE COUNTY
 APPROPRIATION SUMMARY**

**CAPITAL BUDGET 2016
 CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021**

STAGE 7

LAND PRESERVATION

PROJ NO.	TITLE	TOTAL ESTIMATED COST	PRIOR AUTHOR- IZATIONS	TOTAL FOR 6YR PROGRAM	BUDGET YEAR FY 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
						FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
0001	AGRICULTURAL PRESERVATION	46,953,778	41,073,778	5,880,000	1,960,000	0	1,960,000	0	1,960,000	0
0002	RURAL LEGACY	21,436,010	19,936,010	1,500,000	500,000	0	500,000	0	500,000	0
	TOTAL	68,389,788	61,009,788	7,380,000	2,460,000	0	2,460,000	0	2,460,000	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
217	2170001	1,2,3,4,5,6,7	9,	W,E,N,C

Project Title: AGRICULTURAL PRESERVATION

Location: COUNTYWIDE

Description

PROTECTION OF FARMLAND THROUGH THE ACQUISITION OF DEVLPMT RIGHTS EASEMENTS PURCHASED THROUGH THE MD AGRICULTURAL LAND PRESERVATION PRGM, THE BALTIMORE COUNTY LOCAL PRGM, AND OTHER PROGRAMS. THESE PROGRAMS ARE FINANCED USING THE MD AGRICULTURAL TRANSFER TAX, COUNTY BONDS, GENERAL FUNDS, FEDERAL FUNDS, STATE FUNDS, AND PRIVATE FUNDS. FUNDS ARE ALSO BEING SET ASIDE TO PURCHASE EASEMENT OPTIONS ON FARMLAND IMMINENTLY THREATENED BY DEVELOPMENT.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Right of Way (3000)	46,710,732	40,830,732	1,960,000	0	1,960,000	0	1,960,000	0	0
Construction (4000)	243,046	243,046	0	0	0	0	0	0	0
TOTAL COST	46,953,778	41,073,778	1,960,000	0	1,960,000	0	1,960,000	0	0
General Funds (9331R)	2,967,387	2,967,387	0	0	0	0	0	0	0
Reallocated General Funds (9339R)	259,927	259,927	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	27,730,991	23,230,991	1,500,000	0	1,500,000	0	1,500,000	0	0
TOTAL COUNTY FUNDS	30,958,305	26,458,305	1,500,000	0	1,500,000	0	1,500,000	0	0
Federal/State Aid (9119R)	3,758,211	3,758,211	0	0	0	0	0	0	0
Sale Of Property (9667R)	1,075,000	1,075,000	0	0	0	0	0	0	0
Agricultural Pres Tax (9670R)	11,162,262	9,782,262	460,000	0	460,000	0	460,000	0	0
TOTAL OUTSIDE FUNDS	15,995,473	14,615,473	460,000	0	460,000	0	460,000	0	0
TOTAL FUNDS	46,953,778	41,073,778	1,960,000	0	1,960,000	0	1,960,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
217	2170002	1,2,3,4,5,6,7	9,	W,E,N,C

Project Title: RURAL LEGACY

Location: COUNTYWIDE

Description:

PROTECTION OF RURAL NATURAL RESOURCES THROUGH THE ACQUISITION OF DEVELOPMENT RIGHTS, EASEMENTS OR FEE-SIMPLE INTEREST IN PROPERTIES. ACTIVITIES WILL BE IN CONFORMANCE WITH APPROVED RURAL LEGACY PLANS AND THE MD RURAL LEGACY PROGRAM. PROTECTION OF RESOURCES BY THIS PROGRAM WILL BE CONSISTENT WITH THE ADOPTED BALTIMORE COUNTY MASTER PLAN. FINANCING FOR THIS PROJECT WILL BE THROUGH GRANTS FROM THE MD RURAL LEGACY PROGRAM, COUNTY BONDS AND/OR GENERAL FUNDS AND PRIVATE FUNDS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Right of Way (3000)	21,436,010	19,936,010	500,000	0	500,000	0	500,000	0	0
TOTAL COST	21,436,010	19,936,010	500,000	0	500,000	0	500,000	0	0
General Funds (9331R)	9,224,402	9,224,402	0	0	0	0	0	0	0
Reallocated General Funds (9339R)	311,608	311,608	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	6,500,000	5,000,000	500,000	0	500,000	0	500,000	0	0
TOTAL COUNTY FUNDS	16,036,010	14,536,010	500,000	0	500,000	0	500,000	0	0
State Aid (9229R)	5,113,022	5,113,022	0	0	0	0	0	0	0
Other (9679R)	100,000	100,000	0	0	0	0	0	0	0
Agricultural Pres Tax (9670R)	186,978	186,978	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	5,400,000	5,400,000	0	0	0	0	0	0	0
TOTAL FUNDS	21,436,010	19,936,010	500,000	0	500,000	0	500,000	0	0

COMMUNITY IMPROVEMENTS

The planned Community Improvements Program contained in the following pages represent Baltimore County's continuing effort to provide economically strong and viable commercial and residential neighborhoods.

The funds included in this Capital Improvement Program are to support the projects that will provide reinforcement of town and community centers and correct deficiencies in existing urban areas. Additionally, the planning and implementation of improvements to small non-designated commercial revitalization areas will be addressed. Appropriate projects include the design and construction of pedestrian systems, bus shelters, small parking lots, landscaping, and street sign improvements.

Financing for these projects will be through County bond issues, State funds, and General Funds.

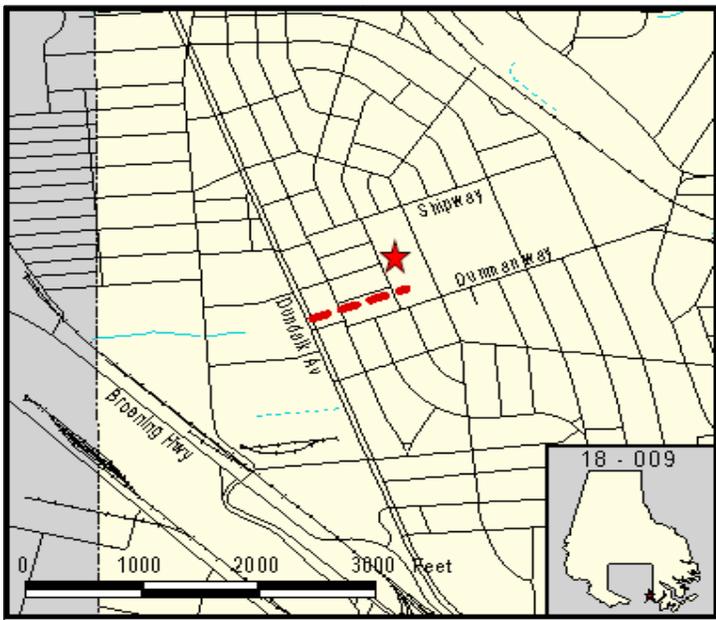
**BALTIMORE COUNTY
 APPROPRIATION SUMMARY**

**CAPITAL BUDGET 2016
 CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021**

STAGE 7

218 COMMUNITY IMPROVEMENTS

PROJ NO.	TITLE	TOTAL ESTIMATED COST	PRIOR AUTHOR- IZATIONS	TOTAL FOR 6YR PROGRAM	BUDGET YEAR FY 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
						FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
0009	DUNDALK HERITAGE TRAIL AND PARK	2,240,337	1,240,337	1,000,000	0	0	1,000,000	0	0	0
0035	ECONOMIC DEVELOPMENT FINANCING FUND	75,395,689	57,395,689	18,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
0100	COUNTYWIDE IMPROVEMENTS	121,527,820	94,527,820	27,000,000	25,000,000	0	1,000,000	0	1,000,000	0
	TOTAL	199,163,846	153,163,846	46,000,000	28,000,000	3,000,000	5,000,000	3,000,000	4,000,000	3,000,000



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
218	2180009	7		

Project Title: DUNDALK HERITAGE TRAIL AND PARK

Location: DUNDALK

Description:

FUNDS TO CONSTRUCT A TRAIL AND PARK THAT WILL CONNECT THE CENTER OF HISTORIC DUNDALK TO BALTIMORE CITY AND THE WATER FRONT. THE DUNDALK HERITAGE TRAIL, REFERRED TO AS THE "TECHNOLOGY TRAIL" IN THE URBAN DESIGN ASSISTANCE TEAM'S REPORT "DUNDALK: A SECOND CENTURY VISION", CELEBRATES THE HISTORY OF DUNDALK AND THE CONTRIBUTIONS ITS CITIZENS HAVE MADE TO STEEL MAKING, SHIP-BUILDING, AIR TRANSPORTATION AND MILITARY TRANSPORTATION.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Right of Way (3000)	273,000	273,000	0	0	0	0	0	0	0
Construction (4000)	1,967,337	967,337	0	0	1,000,000	0	0	0	0
TOTAL COST	2,240,337	1,240,337	0	0	1,000,000	0	0	0	0
Current/Future G O Bonds (9441R)	2,065,337	1,065,337	0	0	1,000,000	0	0	0	0
TOTAL COUNTY FUNDS	2,065,337	1,065,337	0	0	1,000,000	0	0	0	0
State Aid (9229R)	175,000	175,000	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	175,000	175,000	0	0	0	0	0	0	0
TOTAL FUNDS	2,240,337	1,240,337	0	0	1,000,000	0	0	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
218	2180100	1,2,3,4,5,6,7	3,6,7	W,C,E

Project Title: COUNTYWIDE IMPROVEMENTS

Location: COUNTYWIDE

Description:

TO FUND ACQUISITION, CONSTRUCTION, RENOVATION, REPAIR, MAINTENANCE, DEMOLITION, DEVELOPMENT OR REDEVELOPMENT OF RESIDENTIAL OR COMMERCIAL PROPERTIES TO ENHANCE AND FOSTER COMMUNITY OPEN SPACE, RECREATION, PUBLIC INFRASTRUCTURE & IMPROVEMENTS, ECONOMIC DEVELOPMENT, HOUSING OPPORTUNITIES, STREETSCAPES, AND COMMUNITY IMPROVEMENTS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	2,947,370	2,947,370	0	0	0	0	0	0	0
Engineering (2000)	7,425,494	7,425,494	0	0	0	0	0	0	0
Right of Way (3000)	30,940,022	30,940,022	0	0	0	0	0	0	0
Construction (4000)	80,214,934	53,214,934	25,000,000	0	1,000,000	0	1,000,000	0	0
TOTAL COST	121,527,820	94,527,820	25,000,000	0	1,000,000	0	1,000,000	0	0
General Funds (9331R)	47,707,860	42,707,860	5,000,000	0	0	0	0	0	0
Reallocated General Funds (9339R)	4,440,004	4,440,004	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	32,900,533	20,900,533	10,000,000	0	1,000,000	0	1,000,000	0	0
Reallocated G O Bonds (9449R)	844,647	844,647	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	85,893,044	68,893,044	15,000,000	0	1,000,000	0	1,000,000	0	0
Community Block Grant (9105R)	3,418,086	3,418,086	0	0	0	0	0	0	0
Federal/State Aid (9119R)	1,699,914	1,699,914	0	0	0	0	0	0	0
State Aid (9229R)	21,134,901	16,134,901	5,000,000	0	0	0	0	0	0
Donations (9678R)	42,500	42,500	0	0	0	0	0	0	0
Other (9679R)	5,276,154	276,154	5,000,000	0	0	0	0	0	0
Reallocated Cdbg (9115R)	1,628,859	1,628,859	0	0	0	0	0	0	0
Sale Of Property (9667R)	1,308,846	1,308,846	0	0	0	0	0	0	0
American Recovery and Reinvestment A	1,125,516	1,125,516	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	35,634,776	25,634,776	10,000,000	0	0	0	0	0	0
TOTAL FUNDS	121,527,820	94,527,820	25,000,000	0	1,000,000	0	1,000,000	0	0



WATERWAY IMPROVEMENT PROGRAM

The Waterway Improvement Program provides for the identification and initiation of necessary improvements to the County's streams and coastal areas. The focus of this program will be on those environmental issues that must be adequately addressed before improvements to the County's waterways can be accomplished. Additionally, the program is also tasked with the meeting of State mandated stormwater related goals.

The funds included in this Capital Improvement Program are to finance the purchase or other acquisition of land easements, rights-of-way and any other rights and privileges required for the preservation, enhancement, restoration, and alteration of stream and coastal improvement projects. Projects include shoreline and stream-bank stabilization, shore erosion control, wetland restoration, control of non-point pollutants, landscaping, and similar improvements in residential and commercial areas. The dredging of tidal waterways is included under the scope of this program. Also, restoration, retrofit, and sustainability projects will be undertaken to meet the State mandated stormwater goals.

Financing for these projects will include County bond issues, General Funds, State aid, and stormwater fees.

**BALTIMORE COUNTY
APPROPRIATION SUMMARY**

**CAPITAL BUDGET 2016
CAPITAL IMPROVEMENT PROGRAM FY 2017 - 2021**

STAGE 7

221 WATERWAY IMPROVEMENT FUND

PROJ NO.	TITLE	TOTAL ESTIMATED COST	PRIOR AUTHOR- IZATIONS	TOTAL FOR 6YR PROGRAM	BUDGET YEAR FY 2016	-----FIVE YEAR CAPITAL PROGRAM-----				
						FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
0100	WATERSHED RESTORATION	9,214,234	6,721,234	2,493,000	831,000	0	831,000	0	831,000	0
0106	LOWER GUNPOWDER WATERSHED RESTORATION	8,367,159	7,767,159	600,000	200,000	0	200,000	0	200,000	0
0107	GUNPOWDER WATERSHED RESTORATION	2,949,449	2,849,449	100,000	100,000	0	0	0	0	0
0110	PATAPSCO WATERSHED RESTORATION	1,852,794	1,102,794	750,000	250,000	0	250,000	0	250,000	0
0111	GWYNNNS FALLS WATERSHED RESTORATION	9,912,428	7,667,428	2,245,000	1,415,000	0	415,000	0	415,000	0
0112	JONES FALLS WATERSHED RESTORATION	7,995,412	6,945,412	1,050,000	350,000	0	350,000	0	350,000	0
0114	BACK RIVER WATERSHED RESTORATION	15,104,802	14,704,802	400,000	200,000	0	200,000	0	0	0
0200	ENVIRONMENTAL MANAGEMENT	11,249,356	9,119,356	2,130,000	710,000	0	710,000	0	710,000	0
0400	STORMWATER - RESTORATION AND RETROFIT	42,706,072	10,441,372	32,264,700	5,377,450	5,377,450	5,377,450	5,377,450	5,377,450	5,377,450
0401	STORMWATER - PLANNING & MONITORING	5,265,304	1,056,472	4,208,832	701,472	701,472	701,472	701,472	701,472	701,472
0402	STORMWATER - SUSTAINABILITY	5,348,600	1,348,400	4,000,200	666,700	666,700	666,700	666,700	666,700	666,700
0900	COMMUNITY CONSERVATION WTRWAY IMPRVMTS	4,044,508	3,744,508	300,000	100,000	0	100,000	0	100,000	0
	TOTAL	124,010,118	73,468,386	50,541,732	10,901,622	6,745,622	9,801,622	6,745,622	9,601,622	6,745,622



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
221	2210100	1,2,3,4,5,6,7	9	W,N,C,E

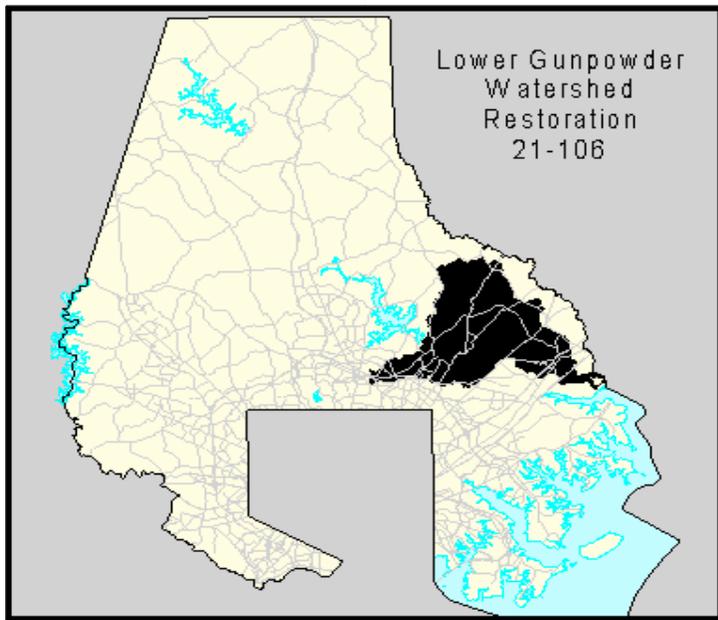
Project Title: WATERSHED RESTORATION

Location: COUNTYWIDE

Description:

THIS PROJECT COVERS ENHANCEMENT OF ENVIRONMENTAL RESTORATION PROJECTS, WHICH ARE LOCATED IN VARIOUS AREAS OF BALTIMORE COUNTY INCLUDING REVEGETATION, REPAIR, AND ENHANCEMENT OF IMPROVEMENT STRUCTURES, THE COUNTY DERELICT BOAT PROGRAM, THE SAV PROGRAM, AND THE COUNTY CHANNEL MARKING PROGRAM.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	9,293	9,293	0	0	0	0	0	0	0
Engineering (2000)	294,989	294,989	0	0	0	0	0	0	0
Right of Way (3000)	239,935	89,935	50,000	0	50,000	0	50,000	0	0
Construction (4000)	8,670,017	6,327,017	781,000	0	781,000	0	781,000	0	0
TOTAL COST	9,214,234	6,721,234	831,000	0	831,000	0	831,000	0	0
General Funds (9331R)	139,838	139,838	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	2,880,293	1,755,293	375,000	0	375,000	0	375,000	0	0
Reallocated G O Bonds (9449R)	91,504	91,504	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	3,111,635	1,986,635	375,000	0	375,000	0	375,000	0	0
State Aid (9229R)	635	635	0	0	0	0	0	0	0
St Waterway Improve Fund (9226R)	3,190,589	1,822,589	456,000	0	456,000	0	456,000	0	0
Reallocated State Aid (9236R)	43,512	43,512	0	0	0	0	0	0	0
Storm Water Waiver Fee (9650R)	2,235,972	2,235,972	0	0	0	0	0	0	0
Reforestation Waiver Fee (9690R)	36,172	36,172	0	0	0	0	0	0	0
Storm Water Fee (9660R)	595,719	595,719	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	6,102,599	4,734,599	456,000	0	456,000	0	456,000	0	0
TOTAL FUNDS	9,214,234	6,721,234	831,000	0	831,000	0	831,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
221	2210106	3,5,6	9	N,E,C

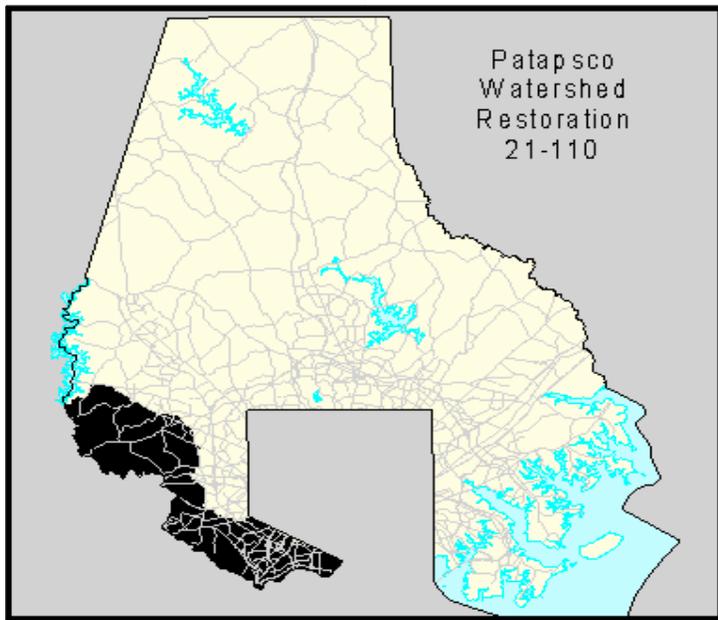
Project Title: LOWER GUNPOWDER WATERSHED RESTORATION

Location: AREA DIRECTLY EAST OF LOCH RAVEN RES

Description:

THIS PROJECT COVERS WATER QUALITY RESTORATION PROJECTS IN THE LOWER GUNPOWDER WATERSHED. PROJECTS TO BE IMPLEMENTED INCLUDE STORMWATER RETROFIT PROJECTS, STREAM RESTORATION PROJECTS, TECHNICAL ASSESSMENTS, MONITORING, ENGINEERING, CONSTRUCTION, AND EFFECTIVENESS EVALUATION.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	1,676,621	1,676,621	0	0	0	0	0	0	0
Construction (4000)	6,690,538	6,090,538	200,000	0	200,000	0	200,000	0	0
TOTAL COST	8,367,159	7,767,159	200,000	0	200,000	0	200,000	0	0
Current/Future G O Bonds (9441R)	2,944,357	2,344,357	200,000	0	200,000	0	200,000	0	0
Reallocated G O Bonds (9449R)	611,439	611,439	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	3,555,796	2,955,796	200,000	0	200,000	0	200,000	0	0
State Aid (9229R)	1,980,265	1,980,265	0	0	0	0	0	0	0
St Waterway Improve Fund (9226R)	1,100,000	1,100,000	0	0	0	0	0	0	0
Reallocated State Aid (9236R)	69,736	69,736	0	0	0	0	0	0	0
Storm Water Waiver Fee (9650R)	400,000	400,000	0	0	0	0	0	0	0
Storm Water Fee (9660R)	1,261,362	1,261,362	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	4,811,363	4,811,363	0	0	0	0	0	0	0
TOTAL FUNDS	8,367,159	7,767,159	200,000	0	200,000	0	200,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
221	2210110	1,4	9	W

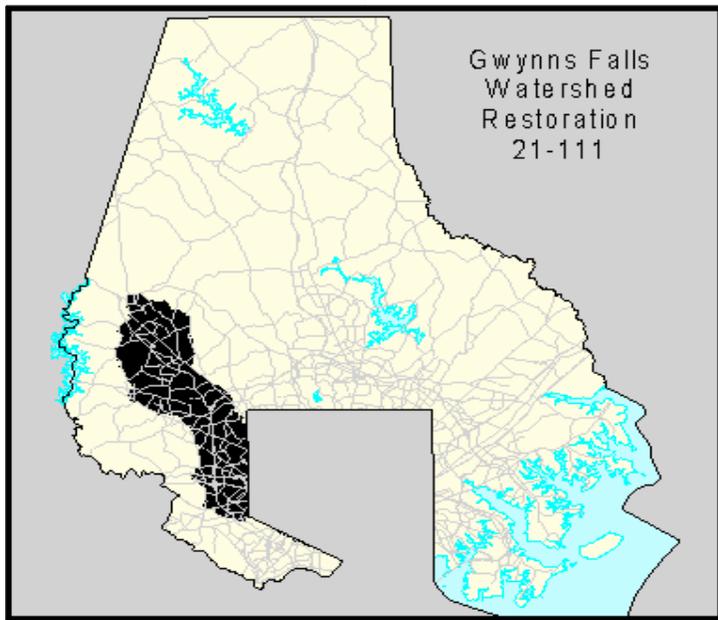
Project Title: PATAPSCO WATERSHED RESTORATION

Location: FROM EAST OF BALT. TO HOW CO LINE

Description:

THIS PROJECT COVERS WATER QUALITY RESTORATION PROJECTS IN THE PATAPSCO WATERSHED. PROJECTS TO BE IMPLEMENTED INCLUDE STORMWATER RETROFITS, STREAM RESTORATION PROJECTS, TECHNICAL ASSESSMENTS, MONITORING, ENGINEERING, CONSTRUCTION, AND EFFECTIVENESS EVALUATION.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	343,634	343,634	0	0	0	0	0	0	0
Engineering (2000)	378,716	378,716	0	0	0	0	0	0	0
Construction (4000)	1,130,444	380,444	250,000	0	250,000	0	250,000	0	0
TOTAL COST	1,852,794	1,102,794	250,000	0	250,000	0	250,000	0	0
Current/Future G O Bonds (9441R)	692,750	242,750	150,000	0	150,000	0	150,000	0	0
TOTAL COUNTY FUNDS	692,750	242,750	150,000	0	150,000	0	150,000	0	0
State Aid (9229R)	402,794	402,794	0	0	0	0	0	0	0
Reforestation Waiver Fee (9690R)	400,000	100,000	100,000	0	100,000	0	100,000	0	0
Storm Water Fee (9660R)	357,250	357,250	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	1,160,044	860,044	100,000	0	100,000	0	100,000	0	0
TOTAL FUNDS	1,852,794	1,102,794	250,000	0	250,000	0	250,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
221	2210111	2,4	9	W

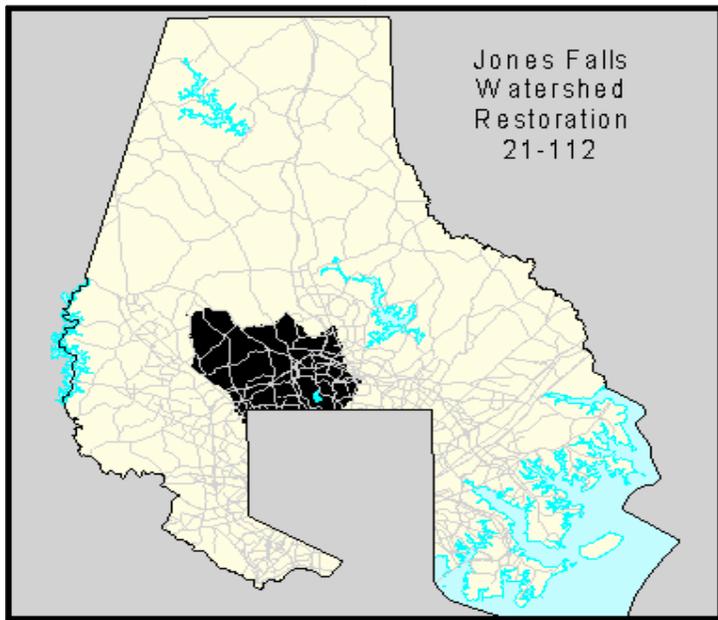
Project Title: GWYNNS FALLS WATERSHED RESTORATION

Location: FROM REISTERSTOWN TO WOODLAWN

Description:

THIS PROJECT COVERS WATER QUALITY RESTORATION PROJECTS IN THE GWYNNS FALLS WATERSHED. PROJECTS TO BE IMPLEMENTED INCLUDE STORMWATER RETROFITS, STREAM RESTORATION, TECHNICAL ASSESSMENTS, MONITORING, ENGINEERING, CONSTRUCTION, AND EFFECTIVENESS EVALUATION.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	2,056	2,056	0	0	0	0	0	0	0
Engineering (2000)	2,025,991	1,080,991	315,000	0	315,000	0	315,000	0	0
Construction (4000)	7,884,381	6,584,381	1,100,000	0	100,000	0	100,000	0	0
TOTAL COST	9,912,428	7,667,428	1,415,000	0	415,000	0	415,000	0	0
General Funds (9331R)	20,000	20,000	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	1,896,017	1,251,017	215,000	0	215,000	0	215,000	0	0
Reallocated G O Bonds (9449R)	372,772	372,772	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	2,288,789	1,643,789	215,000	0	215,000	0	215,000	0	0
Federal/State Aid (9119R)	620,000	620,000	0	0	0	0	0	0	0
State Aid (9229R)	4,714,434	3,114,434	1,200,000	0	200,000	0	200,000	0	0
Storm Water Waiver Fee (9650R)	620,000	620,000	0	0	0	0	0	0	0
Storm Water Fee (9660R)	1,669,205	1,669,205	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	7,623,639	6,023,639	1,200,000	0	200,000	0	200,000	0	0
TOTAL FUNDS	9,912,428	7,667,428	1,415,000	0	415,000	0	415,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
221	2210112	2,3,5	9	C,W,N

Project Title: JONES FALLS WATERSHED RESTORATION

Location: PIKESVILLE INCL THE CAVES & GREENSPRING

Description:

THIS PROJECT COVERS WATER QUALITY RESTORATION PROJECTS IN THE JONES FALLS WATERSHED. PROJECTS TO BE IMPLEMENTED INCLUDE STORMWATER RETROFITS, STREAM RESTORATION, TECHNICAL ASSESSMENTS, MONITORING, ENGINEERING, CONSTRUCTION, AND EFFECTIVENESS EVALUATION.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	1,233,452	783,452	150,000	0	150,000	0	150,000	0	0
Right of Way (3000)	1,406	1,406	0	0	0	0	0	0	0
Construction (4000)	6,760,554	6,160,554	200,000	0	200,000	0	200,000	0	0
TOTAL COST	7,995,412	6,945,412	350,000	0	350,000	0	350,000	0	0
Current/Future G O Bonds (9441R)	4,729,975	3,679,975	350,000	0	350,000	0	350,000	0	0
Reallocated G O Bonds (9449R)	50,015	50,015	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	4,779,990	3,729,990	350,000	0	350,000	0	350,000	0	0
State Aid (9229R)	2,733,009	2,733,009	0	0	0	0	0	0	0
Reallocated State Aid (9236R)	34,491	34,491	0	0	0	0	0	0	0
Storm Water Waiver Fee (9650R)	297,000	297,000	0	0	0	0	0	0	0
Storm Water Fee (9660R)	150,922	150,922	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	3,215,422	3,215,422	0	0	0	0	0	0	0
TOTAL FUNDS	7,995,412	6,945,412	350,000	0	350,000	0	350,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
221	2210114	5,6,7	9	C,E

Project Title: BACK RIVER WATERSHED RESTORATION

Location: EXTENDS FROM TOWSON THROUGH ESSEX

Description:

THIS PROJECT COVERS WATER QUALITY RESTORATION PROJECTS IN THE BACK RIVER WATERSHED. PROJECTS INCLUDE STORMWATER RETROFITS, SHORELINE ENHANCEMENT, STREAM RESTORATION PROJECTS, TECHNICAL ASSESSMENTS, MONITORING, ENGINEERING, CONSTRUCTION, AND EFFECTIVENESS EVALUATION.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	738,183	738,183	0	0	0	0	0	0	0
Engineering (2000)	1,431,829	1,431,829	0	0	0	0	0	0	0
Construction (4000)	12,934,790	12,534,790	200,000	0	200,000	0	0	0	0
TOTAL COST	15,104,802	14,704,802	200,000	0	200,000	0	0	0	0
General Funds (9331R)	842,000	842,000	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	1,002,398	1,002,398	0	0	0	0	0	0	0
Reallocated G O Bonds (9449R)	236,000	236,000	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	2,080,398	2,080,398	0	0	0	0	0	0	0
State Aid (9229R)	7,107,777	7,107,777	0	0	0	0	0	0	0
St Waterway Improve Fund (9226R)	3,303,612	3,303,612	0	0	0	0	0	0	0
Reallocated State Aid (9236R)	134,908	134,908	0	0	0	0	0	0	0
Storm Water Waiver Fee (9650R)	718,417	718,417	0	0	0	0	0	0	0
Reforestation Waiver Fee (9690R)	971,886	571,886	200,000	0	200,000	0	0	0	0
Storm Water Fee (9660R)	787,804	787,804	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	13,024,404	12,624,404	200,000	0	200,000	0	0	0	0
TOTAL FUNDS	15,104,802	14,704,802	200,000	0	200,000	0	0	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
221	2210200	1,2,3,4,5,6,7	9	W,N,C,E

Project Title: ENVIRONMENTAL MANAGEMENT

Location: COUNTYWIDE

Description:

THIS PROJECT COVERS COUNTYWIDE ENVIRONMENTAL MANAGEMENT PROJECTS INCLUDING GROUNDWATER MANAGEMENT, COMMUNITY EDUCATION, CITIZEN PARTICIPATION, REFORESTATION AND STORMWATER MANAGEMENT PROJECTS AND MONITORING REQUIREMENTS OF THE NPDES PROGRAM, PROJECT PERMITS AND GENERAL SUPPORT FOR ENVIRONMENTAL RESTORATION PROJECTS.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Other (5000)	5,723,706	5,723,706	0	0	0	0	0	0	0
Engineering (2000)	2,284,482	1,264,482	340,000	0	340,000	0	340,000	0	0
Right of Way (3000)	25,972	25,972	0	0	0	0	0	0	0
Construction (4000)	3,215,196	2,105,196	370,000	0	370,000	0	370,000	0	0
TOTAL COST	11,249,356	9,119,356	710,000	0	710,000	0	710,000	0	0
General Funds (9331R)	454,982	454,982	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	7,410,879	5,580,879	610,000	0	610,000	0	610,000	0	0
Reallocated G O Bonds (9449R)	907,019	907,019	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	8,772,880	6,942,880	610,000	0	610,000	0	610,000	0	0
Federal/State Aid (9119R)	25,000	25,000	0	0	0	0	0	0	0
State Aid (9229R)	920,321	620,321	100,000	0	100,000	0	100,000	0	0
Other (9679R)	73,500	73,500	0	0	0	0	0	0	0
Department Natural Resources (9222R)	25,000	25,000	0	0	0	0	0	0	0
St Waterway Improve Fund (9226R)	35,000	35,000	0	0	0	0	0	0	0
Reforestation Waiver Fee (9690R)	400,000	400,000	0	0	0	0	0	0	0
Storm Water Fee (9660R)	997,655	997,655	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	2,476,476	2,176,476	100,000	0	100,000	0	100,000	0	0
TOTAL FUNDS	11,249,356	9,119,356	710,000	0	710,000	0	710,000	0	0



Dept.	Project No.	Coun. Dist.	Master Plan Code	Master Plan Sector
221	2210900	1,2,3,4,5,6,7	2	W,E,C,N

Project Title: COMMUNITY CONSERVATION WTRWAY IMPRVMTS

Location: COUNTYWIDE

Description:

THIS PROJECT PROVIDES THE FUNDS TO IMPLEMENT ENVIRONMENTAL AND RESOURCE CONSERVATION MEASURES IN COMMUNITY CONSERVATION AREAS THROUGHOUT THE COUNTY.

PROJECT DETAILS	TOTAL COST	PR AUTHOR-IZATIONS	BUDGET YR FY 2016	FIVE YEAR CAPITAL PROGRAM					BALANCE TO COMPLETE
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering (2000)	1,084,229	1,084,229	0	0	0	0	0	0	0
Right of Way (3000)	2,700	2,700	0	0	0	0	0	0	0
Construction (4000)	2,957,579	2,657,579	100,000	0	100,000	0	100,000	0	0
TOTAL COST	4,044,508	3,744,508	100,000	0	100,000	0	100,000	0	0
General Funds (9331R)	1,077,700	1,077,700	0	0	0	0	0	0	0
Reallocated General Funds (9339R)	200,000	200,000	0	0	0	0	0	0	0
Current/Future G O Bonds (9441R)	1,560,588	1,260,588	100,000	0	100,000	0	100,000	0	0
Reallocated G O Bonds (9449R)	40,233	40,233	0	0	0	0	0	0	0
TOTAL COUNTY FUNDS	2,878,521	2,578,521	100,000	0	100,000	0	100,000	0	0
Storm Water Fee (9660R)	1,165,987	1,165,987	0	0	0	0	0	0	0
TOTAL OUTSIDE FUNDS	1,165,987	1,165,987	0	0	0	0	0	0	0
TOTAL FUNDS	4,044,508	3,744,508	100,000	0	100,000	0	100,000	0	0