

Appendix E: Detailed Pay-as-you-go Financing Capital Cash Flow

Appendix E presents a detailed capital uses and sources of funds cash flow for Pay-as-you-go Financing presented in Section 4.5 of this report.

Table E-1 includes capital uses and sources funds for the H/Benning Streetcar project in FY10, and for the remainder of the program for FY11 onward. This cash flow includes specific detail on local capital funding sources, including a contribution from WMATA recapitalization in FY11 and FY12 and mixed local funding sources. Federal capital funds are described by funding program, including the Urban Circulator grant program, Small Starts, and American Recovery and Reinvestment Act (ARRA) programs, as well as by which project segment each federal grant program would support in each year. Uses of funds summarize the cost by project segment by year.

This analysis assumes that federal funding participation under the FTA Small Starts Program is pursued for the following four streetcar corridor projects.

- Washington Circle to Union Station (K Street and H Street) Corridor
- Washington Circle to Takoma Park (14th Street and Georgia Avenue) Corridor
- Congress Heights to Woodley Park (Martin Luther King Ave, 8th Street NE, Florida Avenue) Corridor
- Downtown to Buzzards Point (7th St SW) Corridor

The identification of these corridors considered the criteria used by FTA to evaluate projects seeking Small Starts funding. This includes identifying corridors that have the greatest potential for:

- Travel time savings for passengers
- Maximizing ridership
- Cost-effectiveness
- Promoting economic development
- Supporting transit friendly development patterns

The potential sequencing of these projects was also considered so that the federally funded projects were spread evenly over each phase rather than focused on a single phase of system development.

Table E-1: Pay-as-you-go Financing Capital Cash Flow

	Phase 1						Phase 2			Phase 3		TOTAL
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Use of Funds												
H/Benning	\$63.0	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$63.0
Benning/OK to Benning Metro	\$-	\$39.0	\$39.1	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$78.1
Union Station to Washington Circle	\$-	\$-	\$-	\$56.5	\$52.2	\$-	\$-	\$-	\$-	\$-	\$-	\$108.7
Anacostia to Buzzards Point	\$-	\$40.6	\$81.1	\$7.6	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$129.3
14th St. to GA Petworth	\$-	\$-	\$-	\$17.6	\$2.8	\$65.7	\$-	\$-	\$-	\$-	\$-	\$151.6
St. E's/8th St/Washington Circle	\$-	\$-	\$-	\$53.3	\$44.2	\$34.4	\$-	\$-	\$-	\$-	\$-	\$131.9
RI Ave	\$-	\$-	\$-	\$-	\$-	\$43.2	\$66.6	\$81.1	\$-	\$-	\$-	\$190.9
Upper GA	\$-	\$-	\$-	\$-	\$-	\$-	\$92.1	\$86.0	\$-	\$-	\$-	\$178.1
Washington Circle to Georgetown	\$-	\$-	\$-	\$-	\$-	\$-	\$18.6	\$22.6	\$-	\$-	\$-	\$41.2
MLK/AB to Woodley	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$25.7	\$133.2	\$43.7	\$-	\$202.6
Anacostia to Minnesota	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$43.4	\$95.3	\$59.0	\$197.7
Crosstown	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$45.3	\$95.3	\$100.2	\$240.8
Mall	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$61.3	\$159.1	\$220.4
TOTAL USES	\$63.0	\$79.6	\$120.2	\$135.1	\$139.1	\$143.3	\$202.9	\$215.4	\$221.8	\$295.7	\$318.4	\$1,934.4
Sources of Funds												
Local												
WMATA Recapitalization												
WMATA FY11 Contribution	\$-	\$59.7	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$59.7
WMATA FY12 Contribution	\$-	\$-	\$25.6	\$14.4	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$40.0
Subtotal	\$-	\$59.7	\$25.6	\$14.4	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$99.70
Mixed Sources												
DDOT Funds	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Reprogramming WMATA Dedicated	\$28.6	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$28.6
DDOT Great Streets	\$20.0	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$20.0
Capital Funding (FY10/FY11)	\$10.0	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$10.0
6-Year Capital Program	\$-	\$-	\$-	\$14.9	\$30.4	\$31.4	\$46.3	\$49.4	\$51.0	\$69.5	\$75.2	\$368.1
Subtotal	\$58.6	\$-	\$-	\$14.9	\$30.4	\$31.4	\$46.3	\$49.4	\$51.0	\$69.5	\$75.2	\$426.7
WMATA Capital												
WMATA Closeout	\$4.4	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$4.4
Subtotal	\$4.4	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$4.4
Federal												
Urban Circulator	\$-	\$19.9	\$5.1	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$25.0
Small Starts (US to WC)	\$-	\$-	\$-	\$33.8	\$20.6	\$-	\$-	\$-	\$-	\$-	\$-	\$54.4
Small Starts (14th St. to GA Petworth)	\$-	\$-	\$-	\$-	\$14.2	\$35.8	\$25.6	\$-	\$-	\$-	\$-	\$75.6
Small Starts (Upper GA)	\$-	\$-	\$-	\$-	\$-	\$-	\$25.1	\$32.0	\$32.0	\$-	\$-	\$89.1
Small Starts (MLK/AB to Woodley)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$21.8	\$23.5	\$56.0	\$-	\$101.3
Small Starts (Mall)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$17.9	\$79.6	\$97.5
ARRA II	\$-	\$-	\$24.9	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$24.9
Subtotal	\$-	\$19.9	\$30.0	\$33.8	\$34.8	\$35.8	\$50.7	\$53.8	\$55.5	\$73.9	\$79.6	\$467.8
Private												
Value Capture	\$-	\$-	\$72.0	\$73.4	\$108.2	\$110.2	\$112.1	\$114.0	\$115.9	\$118.0	\$120.1	\$943.8
Subtotal	\$-	\$-	\$72.0	\$73.4	\$108.2	\$110.2	\$112.1	\$114.0	\$115.9	\$118.0	\$120.1	\$943.8
TOTAL SOURCES	\$63.0	\$79.6	\$127.6	\$136.5	\$173.4	\$177.4	\$209.1	\$217.2	\$222.4	\$261.4	\$274.9	\$1,942.4
DIFFERENCE BETWEEN USES AND SOURCES	\$-	\$-	\$7.42	\$1.42	\$34.30	\$34.12	\$6.13	\$1.85	\$0.58	\$(34.30)	\$(43.49)	\$8.0

Notes: WMATA Recapitalization: Assumes recapitalization prior to 1/1/2011 WMATA debt service payment. 30-year term at 6.5% and reprogramming of WMATA contribution to streetcar. Totals show a surplus of funds for 2010-2018 which are used to cover costs for year 2019 and 2020.