



**PROJECT:** MARC Frederick Extension

**DESCRIPTION:** Service extension from Point of Rocks to City of Frederick, includes downtown Frederick and suburban stations which connect to the Brunswick Line and provide access to Washington, D.C.

**JUSTIFICATION:** This extension assists in meeting travel demands of the I-270 corridor by providing additional MARC stations. The Frederick downtown station supports the revitalization of the downtown area in conjunction with the Carroll Creek Project and office development.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

MARC Point of Rocks Station Parking Expansion -- Line 10

**STATUS:** Revenue service began December 2001. Remaining funds are being utilized for safety and storage track enhancements, such as Passenger Train Warning Systems and Brunswick Yard rail tracks.

**SIGNIFICANT CHANGE FROM FY 2008 - 13 CTP:** Cost increased \$1.4 million due to additional track work.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2008			FOR PLANNING PURPOSES ONLY	.....2011.....	.....2012.....	.....2013.....		
Planning	676	676	0	0	0	0	0	0	0	0
Engineering	3,340	3,340	0	0	0	0	0	0	0	0
Right-of-way	6,097	6,097	0	0	0	0	0	0	0	0
Construction	46,841	44,025	255	2,561	0	0	0	0	2,816	0
Total	56,954	54,138	255	2,561	0	0	0	0	2,816	0
Federal-Aid	45,296	42,992	255	2,049	0	0	0	0	2,304	0

FEDERAL FUNDING OBLIGATIONS BY YEAR			
PROJECT PHASE	FFY	FUND CATEGORY	FEDERAL FUND AMOUNT
CO	1993	5309NS	944
CO	1996	5309NS	9,880
CO	1997	5309NS	14,859
CO	1998	5309NS	2,304

**USAGE:** There was an average of 405 MARC boardings per day on the MARC Frederick Extension in CY 2008.



**STATUS:** Engineering is underway for the Washington Mid-Day Storage Yard. Construction funding is for the Mid-Day Storage Yard. Site selection underway for a maintenance facility.

**PROJECT:** MARC Maintenance, Layover & Storage Facilities

**DESCRIPTION:** Funding for planning, environmental documentation, design and property acquisition of maintenance, layover and storage facilities. Funding includes construction for the Washington Mid-Day Storage Yard as well as planning and environmental documentation for a new MARC Layover and Maintenance Facility in Harford County.

**JUSTIFICATION:** Projects will provide critically needed storage and maintenance facilities for the MARC fleet. The storage facility will reduce interference with Amtrak operations in Washington and provide urgently needed fleet storage away from the passenger platforms at Washington Union Station.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None

**SIGNIFICANT CHANGE FROM FY 2008 - 13 CTP:** Funding decreased \$4.9 million due to economic downturn.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2008	CURRENT YEAR 2009	BUDGET YEAR 2010	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2011....	....2012....	....2013....	....2014....		
Planning	4,294	3,094	25	1,075	100	0	0	0	1,200	0
Engineering	6,256	3,947	1,309	1,000	0	0	0	0	2,309	0
Right-of-way	9,972	9,472	0	500	0	0	0	0	500	0
Construction	36,620	38	1	0	16,666	13,899	6,016	0	36,582	0
Total	57,142	16,551	1,335	2,575	16,766	13,899	6,016	0	40,591	0
Federal-Aid	39,865	8,203	1,308	1,589	14,666	10,899	3,200	0	31,662	0

FEDERAL FUNDING OBLIGATIONS BY YEAR			
PROJECT PHASE	FFY	FUND CATEGORY	FEDERAL FUND AMOUNT
CO	1993	M-5309FG	530
CO	1994	M-5307	668
CO	1994	5307	796
CO	1996	M-5309FG	2,481
CO	1997	M-5309FG	4,314
CO	1998	M-5309FG	16,061
CO	1999	M-5309FG	7,173
CO	2000	M-5309FG	1,713
CO	2001	5309NS	9,904
CO	2008	M-5309FG	907
CO	2009	M-5309FG	389
CO	2012	M-5309FG	3,200

0206, 0208, 1208



**STATUS:** Improvements are ongoing.

**PROJECT:** MARC Improvements on Camden, Brunswick and Penn Lines

**DESCRIPTION:** Ongoing improvement program of the MARC Camden, Brunswick and Penn lines to ensure safety and quality of service. Program is implemented through CSX and Amtrak operating agreements.

**JUSTIFICATION:** Investments in passenger rail corridor infrastructure improvements are necessary to continue quality MARC service.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None

**SIGNIFICANT CHANGE FROM FY 2008 - 13 CTP:** Provides full funding of the existing operating agreements and a new five-year operating agreement with Amtrak which increased construction costs \$43.5 million.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2008	CURRENT YEAR 2009	BUDGET YEAR 2010	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2011....	....2012....	....2013....	....2014....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,838	1,679	159	0	0	0	0	0	159	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	147,217	65,284	11,906	27,976	17,815	12,335	7,890	4,011	81,933	0
Total	149,055	66,963	12,065	27,976	17,815	12,335	7,890	4,011	82,092	0
Federal-Aid	109,660	48,174	12,065	16,559	14,137	9,207	6,311	3,207	61,486	0

0183, 0687

FEDERAL FUNDING OBLIGATIONS BY YEAR			
PROJECT PHASE	FFY	FUND CATEGORY	FEDERAL FUND AMOUNT
CO	1997	M-5307	3,700
CO	1999	M-5309FG	5,010
CO	2000	M-5309FG	6,378
CO	2001	M-5309FG	11,049
CO	2002	M-5309FG	14,137
CO	2003	M-5307	1,221
CO	2003	M-5309FG	1,124
CO	2004	M-5309FG	4,971
CO	2005	M-5307	1,780
CO	2007	M-5309FG	637
CO	2008	M-5309FG	6,446
CO	2009	M-5309FG	4,984
CO	2009	M-5307	7,122
CO	2010	M-5307	357
CO	2010	M-5309FG	2,249

CO	2011	M-5307	8,385
CO	2011	M-5309FG	4,870
CO	2012	M-5307	9,043
CO	2012	M-5309FG	2,007
CO	2013	M-5307	5,711
CO	2014	M-5307	1,800



**STATUS:** Purchase of 13 bi-level coaches to replace aged gallery coaches has been completed with safety modifications to the equipment underway. Overhauls are underway.

**PROJECT:** MARC Coaches - Overhauls and Replacement

**DESCRIPTION:** Overhaul the following MARC coaches in accordance with "10-year light" and "15-year mid-life" schedules: 34 MARC IIBs (10-year), 26 MARC IIAs (15-year), 50 MARC IIIs (10-year). Thirteen gallery coaches have been replaced.

**JUSTIFICATION:** The overhauls will extend the lives of mechanical systems and coach bodies. The replacements will retire 40+ year old MARC gallery coaches.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None

**SIGNIFICANT CHANGE FROM FY 2008 - 13 CTP:** Overhaul of the MARC IIA coaches increased \$7.8 million. Replacement of gallery coaches added \$25 million and overhaul of MARC III coaches was added at a cost of \$42.8 million.

PHASE	POTENTIAL FUNDING SOURCE:				PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2008	CURRENT YEAR 2009	BUDGET YEAR 2010	....2011....	....2012....	....2013....	....2014....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,198	491	207	0	500	0	0	0	707	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	113,291	6,950	33,030	7,292	9,131	17,338	20,350	15,600	102,741	3,600
<b>Total</b>	<b>114,489</b>	<b>7,441</b>	<b>33,237</b>	<b>7,292</b>	<b>9,631</b>	<b>17,338</b>	<b>20,350</b>	<b>15,600</b>	<b>103,448</b>	<b>3,600</b>
Federal-Aid	62,850	5,614	9,327	4,073	7,305	7,875	16,278	12,378	57,236	0

0181, 1161, 1302, 1304

FEDERAL FUNDING OBLIGATIONS BY YEAR			
PROJECT PHASE	FFY	FUND CATEGORY	FEDERAL FUND AMOUNT
CO	2004	M-5309FG	148
CO	2005	M-5307	2,274
CO	2006	M-5309FG	2,209
CO	2006	M-5307	2,230
CO	2007	M-5309FG	2,348
CO	2008	M-5309NS	9,800
CO	2009	M-5307	2,400
CO	2010	M-5309FG	1,461
CO	2011	M-5309FG	4,094
CO	2012	M-5309FG	6,989
CO	2013	M-5309FG	13,201
CO	2013	M-5307	3,290
CO	2013	5307	6,792



**STATUS:** Construction underway for 26 remanufactured diesel locomotives and for 4 AEM-7 electric locomotives. Schedule advanced as a result of shared procurement of the diesel locomotives.

**PROJECT:** MARC Locomotives - Overhauls and Replacements

**DESCRIPTION:** Conduct a mid-life overhaul of the 4 AEM-7 electric locomotives and a 5-year overhaul of the 6 high-horsepower (HHP) units. Purchase 26 fully-remanufactured diesel locomotives. Of the existing fleet of 25 locomotives, 19 will be traded in and two will be retained for Maryland freight service. Replacement diesel units have higher tractive horsepower and meet EPA Tier III air quality standards.

**JUSTIFICATION:** Overhaul of locomotives in accordance with the manufacturer's schedules is needed to maintain safe and reliable operation and to comply with federally-mandated maintenance regulations.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None

**SIGNIFICANT CHANGE FROM FY 2008 - 13 CTP:** None

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2008	CURRENT YEAR 2009	BUDGET YEAR 2010	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2011....	....2012....	....2013....	....2014....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	762	244	218	300	0	0	0	0	518	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	116,171	35,008	46,290	28,873	3,000	3,000	0	0	81,163	0
<b>Total</b>	<b>116,933</b>	<b>35,252</b>	<b>46,508</b>	<b>29,173</b>	<b>3,000</b>	<b>3,000</b>	<b>0</b>	<b>0</b>	<b>81,681</b>	<b>0</b>
Federal-Aid	91,898	28,025	37,175	21,898	2,400	2,400	0	0	63,873	0

1095, 1162, 1203, 1245

FEDERAL FUNDING OBLIGATIONS BY YEAR			
PROJECT PHASE	FFY	FUND CATEGORY	FEDERAL FUND AMOUNT
CO	2004	M-5309FG	6,155
CO	2004	M-5307	1,741
CO	2005	M-5307	3,125
CO	2006	M-5309FG	1,539
CO	2006	M-5307	17,691
CO	2007	M-5309FG	1,749
CO	2008	M-5309FG	6,457
CO	2009	M-5309FG	4,942
CO	2010	M-5309FG	9,491
CO	2010	M-5307	6,183
CO	2011	M-5309FG	530
CO	2011	M-5307	1,870
CO	2012	M-5307	2,400



**STATUS:** Planning phase underway for: Aberdeen parking expansion, BWI Station upgrade and Penn Line track improvements.

**PROJECT:** MARC Growth and Investment Plan

**DESCRIPTION:** The MARC Growth and Investment Plan provides a framework for improvements and expansion of the MARC commuter service. Purchase of new railcars, improvements to station facilities and rail infrastructure, and expansion of parking are planned.

**JUSTIFICATION:** MARC Train service is at capacity and with additional demand created by growth in the MARC corridors, including BRAC, additional capacity is needed.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None

**SIGNIFICANT CHANGE FROM FY 2008 - 13 CTP:** Funding decreased \$84.7 million due to economic downturn.

		POTENTIAL FUNDING SOURCE:									
		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2008	CURRENT YEAR 2009	BUDGET YEAR 2010	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					....2011....	....2012....	....2013....	....2014....			
Planning	1,259	192	367	700	0	0	0	0	1,067	0	
Engineering	8,221	1	470	150	100	0	2,500	2,500	5,720	2,500	
Right-of-way	150	0	0	150	0	0	0	0	150	0	
Construction	106,950	0	0	1,000	0	950	0	79,322	81,272	25,678	
<b>Total</b>	<b>116,580</b>	<b>193</b>	<b>837</b>	<b>2,000</b>	<b>100</b>	<b>950</b>	<b>2,500</b>	<b>81,822</b>	<b>88,209</b>	<b>28,178</b>	
Federal-Aid	33,478	0	677	1,040	0	0	2,000	29,761	33,478	0	

FEDERAL FUNDING OBLIGATIONS BY YEAR			
PROJECT PHASE	FFY	FUND CATEGORY	FEDERAL FUND AMOUNT
CO	2008	M-5309FG	187
CO	2009	M-5309FG	1,238
CO	2009	M-5307	292
CO	2011	M-5309FG	0
CO	2011	M-5307	0
CO	2013	M-5309FG	0
CO	2013	M-5307	2,000
CO	2014	M-5309FG	12,481
CO	2014	M-5307	10,361
CO	2014	5307	6,919

1209, 1263, 1264, 1267, 1283, 1292, 1298, 1306



**STATUS:** Construction of expanded parking is complete and is in close-out phase.

**PROJECT:** MARC Point of Rocks Station Parking Expansion

**DESCRIPTION:** Construct 231 additional parking spaces at the Point of Rocks MARC Station in Frederick County for a total of 507 spaces. Project also includes pedestrian access improvements along MD 28 adjacent to station park and ride lot.

**JUSTIFICATION:** Parking demand regularly exceeds the existing 276-space lot.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

MARC Frederick Extension -- Line 1

**SIGNIFICANT CHANGE FROM FY 2008 - 13 CTP:** None

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2008	CURRENT YEAR 2009	BUDGET YEAR 2010	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2011....	....2012....	....2013....	....2014....		
Planning	721	721	0	0	0	0	0	0	0	0
Engineering	702	701	1	0	0	0	0	0	1	0
Right-of-way	829	829	0	0	0	0	0	0	0	0
Construction	5,176	5,152	24	0	0	0	0	0	24	0
Total	7,428	7,403	25	0	0	0	0	0	25	0
Federal-Aid	5,048	5,030	18	0	0	0	0	0	18	0

0586

FEDERAL FUNDING OBLIGATIONS BY YEAR			
PROJECT PHASE	FFY	FUND CATEGORY	FEDERAL FUND AMOUNT
CO	1998	M-5307	0
CO	1999	M-5309FG	0
CO	2000	M-5307-TE	0
CO	2001	M-5307-TE	0
CO	2002	M-5309FG	0
CO	2002	M-5307-TE	0
CO	2003	M-5307-TE	0
CO	2003	M-5307	0
CO	2004	M-5307-TE	0
CO	2004	M-5307	0
CO	2005	M-5307-TE	0
CO	2006	M-5307-TE	0
CO	2006	M-5307	18

**USAGE:** An average of 476 MARC boardings per day occurred during CY 2008.



**STATUS:** LaPlata Park and Ride lot completed and open to service. Dunkirk lot will be under construction in budget fiscal year. Prince Frederick, Waldorf and Charlotte Hall construction is scheduled to begin in FY 11.

**SIGNIFICANT CHANGE FROM FY 2008 - 13 CTP:** Decreased \$5.4 million due to adjustment of construction and engineering phases to reflect project estimates and readiness.

**PROJECT:** Southern Maryland Commuter Bus Initiative

**DESCRIPTION:** Construction of Commuter Bus Park and Ride lots at Dunkirk, Prince Frederick, Waldorf, LaPlata and Charlotte Hall in Southern Maryland. The project includes planning funds for New Market.

**JUSTIFICATION:** Southern Maryland has been identified as one of the fastest growing regions in Maryland. The project will assist in keeping up with demand for commuter parking which continues to grow as more people move into the region.

**SMART GROWTH STATUS:**

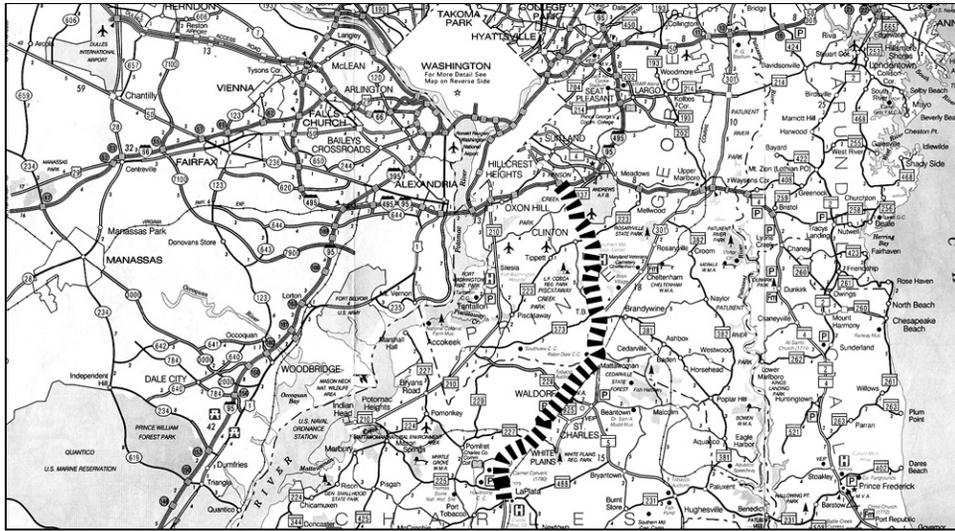
- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2008	CURRENT YEAR 2009	BUDGET YEAR 2010	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2011....	....2012....	....2013....	....2014....		
Planning	3,743	3,456	287	0	0	0	0	0	287	0
Engineering	3,053	1,081	1,222	750	0	0	0	0	1,972	0
Right-of-way	6,575	1,167	1,976	3,432	0	0	0	0	5,408	0
Construction	22,934	2,852	34	1,000	14,282	4,766	0	0	20,082	0
Total	36,305	8,556	3,519	5,182	14,282	4,766	0	0	27,749	0
Federal-Aid	26,515	4,440	2,814	4,121	11,425	3,715	0	0	22,075	0

FEDERAL FUNDING OBLIGATIONS BY YEAR			
PROJECT PHASE	FFY	FUND CATEGORY	FEDERAL FUND AMOUNT
CO	2004	B-5309CB	4,403
CO	2005	B-5309CB	3,475
CO	2006	B-5309CB	4,068
CO	2007	B-5309CB	2,834
CO	2008	B-5309CB	4,274
CO	2009	B-5309CB	3,021



**STATUS:** Corridor preservation study underway and expected to be completed during budget fiscal year.

**PROJECT:** Southern Maryland Mass Transportation Analysis

**DESCRIPTION:** Planning activities to identify and protect an alignment for future development of high-capacity transit services in the US 301/MD 5 corridor from White Plains to the Branch Avenue Metrorail Station.

**JUSTIFICATION:** Continued growth in Southern Maryland has created high levels of traffic congestion in the US 301/MD 5 corridor. Planning is needed to determine the role of a high capacity transit service in the corridor.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None

**SIGNIFICANT CHANGE FROM FY 2008 - 13 CTP:** Cost decreased by \$2.7 million due to revised estimates.

PHASE	POTENTIAL FUNDING SOURCE:				PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2008	CURRENT YEAR 2009	BUDGET YEAR 2010	.....2011.....	.....2012.....	.....2013.....	.....2014.....		
Planning	1,801	863	452	486	0	0	0	0	938	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,801</b>	<b>863</b>	<b>452</b>	<b>486</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>938</b>	<b>0</b>
Federal-Aid	1,209	459	361	389	0	0	0	0	750	0

FEDERAL FUNDING OBLIGATIONS BY YEAR			
PROJECT PHASE	FFY	FUND CATEGORY	FEDERAL FUND AMOUNT
CO	2009	B-5309CB	479
CO	2009	5307	271