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GETTYSBURG INNER LOOP							
Adams County, Pennsylvania							
PRELIMINARY OPINION OF PROBABLE CONSTRUCTION COST (See bottom of this table for opinion of design and possible maintenance costs)							
Prep'd by	Campbell Thomas & Co - 1504 South Street - Philadelphia PA 19146-1636 - General Tel: 215-545-1076 - Fax 267-336-0209						
	Project Contact: Robert P. Thomas, AIA Direct Line: 215-985-4354 / rthomas@campbellthomas.com						
Prepared:	December 7, 2009						
Reach of Trail	Work Elements / Assumptions	Quan	Units	\$/Unit	Exten'n	TOTALS	Comments
Segment 1 - Greenway using Race Horse Alley from Fourth Street to Buford							
From Race Horse Alley w. of Third St to Carlisle Street	New trail through Fire Company, CSX, and REDDI Project	1500.00	LF	80	120000		
From Carlisle Sr via Railroad St and N. Washington at Race Horse Alley	Enhanced sidewalks and landscaping	900.00	LF	50	45000		
Race Horse Alley from Washington to Buford	Repaving and Landscaping	1350.00	LF	160	216000		
Intersection Improvements at Stratton, Carlisle, Waashington , Franklin	Enhanced crosswalks, possible bulbouts, signage	4.00	LS	10000	40000		
					<i>Subtotal</i>	\$421,000	
Segment 2 - Buford Avenue (Mead School) to Rec Park							
New Trail along side of WEE CARE from Buford to Springs Ave.	10' Trail	300.00	LF	80	24000		
Sharrows on West Springs Ave		1.00	LS	1500	1500		
Trailway on Reynolds to Middle Street	Create trail from part of sidewalk and roadway	400.00	LF	80	32000		
Intersection Improvement at Middle Street	Push Button needed	1.00	LS	10000	10000		
Trail and Bridge ove stream from Middle St. to Reynolds Extended		1.00	LS	250000	250000		
Sharrows on Reynolds Extended		1.00	LS	1500	1500		
Trail along West High Street and West Street to Rec Park	Create trail from part of sidewalk and roadway	1200.00	LF	80	96000		
					<i>Subtotal</i>	\$415,000	
Segment 3 - Rec Park							
Widen existing 5' Biser Path to 10' from West St to new connector	Widen trail to 10'	800.00	LF	60	48000		
Connector Trail to Long Land near Gettys St.	New 10' Trail	500.00	LF	80	40000		
Intersection Improvement at Long Lane	Enhanced crosswalks, possible bulbouts, signage	1.00	LS	10000	10000		
					<i>Subtotal</i>	\$98,000	
Segment 4 - Hospital - new trail							
From Long Lane to South Washington, then up east side of Washington	New 10' Trail	1650.00	LF	80	132000		
Intersection Improvement at South Washington	Push Button needed	1.00	LS	10000	10000		
					<i>Subtotal</i>	\$142,000	
Segment 5 - Alley Between South Washington Street and Steinwehr/Baltimore to Lefever St. at Baltimore							
Landscaping and pavement improvements - Washington to Rupp Prop	New Trail on PR/W	750.00	LF	160	120000		
New path at Rupp Property	New Path	200.00	LF	80	16000		
Intersection Improvement at Baltimore Street	Improvements to warning lights	1.00	LS	10000	10000		
					<i>Subtotal</i>	\$146,000	
Segment 6 - Baltimore St. to East Middle St. on school property							
Trail from Baltimore St. to East Middle St.	New 10' Trail, or rebuilt sidewalk	2250.00	LF	80	180000		
Intersection Improvements at Entr to Middle School, and at E. Middle St.	Enhanced crosswalks, possible bulbouts, signage	2.00	LS	20000	40000		
					<i>Subtotal</i>	\$220,000	
Segment 7 - Liberty Street - one block length							
Trail from Middle to Hanover St. made from sidewalk and cartway	Includes landscaped buffer	450.00	LF	90	40500		
Intersection Improvement at York Street	Improved street markers, synchronize lights	1.00	LS	5000	5000		
					<i>Subtotal</i>	\$45,500	
Segment 8 - Craig Cuba property							
10' highly landscaped trail from York St. to Race Horse Alley	New Trail w landscaping	150.00	LF	90	13500		
					<i>Subtotal</i>	\$13,500	

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Spoke 1 - GNMP Visitors Center to GIL by Gettysburg Hospital (Estimate from Johns Ave to Hospital only)							
	Trail developed from existing sidewalk along Johns Ave.	New Trail in place of sidewalk on west side of S. Washing	250.00	LF	80	20000	
						<i>Subtotal</i>	\$20,000
Spoke 2 - Springs Avenue from West St. to Seminary Ridge							
	Install Sharrows from Reynolds to Seminary Ridge		1.00	LS	3000	3000	
						<i>Subtotal</i>	\$3,000
Spoke 3 - Fourth St. from Race Horse Alley to Eisenhower Elementary, then west to Old Harrisburg Road and North Gettysburg Trail							
	Trail from Race Horse Alley to Old Harrisburg Road	New Trail on PR/W	2300.00	LF	80	184000	
	Intersection Improvement at Old Harrisburg Road	Enhanced crosswalks, possible bulbouts, signage	1.00	LS	10000	10000	
	Spur Trail to HACC	New Trail on PR/W	1000.00	LF	80	80000	
	Culvert for Spur Trail	Minor crossing of swale	1.00	LS	50000	50000	
						<i>Subtotal</i>	\$324,000
Spoke 4 - E. Railroad Street from Fourth St. to Rock Creek, then trail along Rock Creek to Old Harrisburg Road							
	Along Railroad Street from Fourth St. to Rock Creek	Paving improvements and landscaping	1300.00	LF	60	78000	
	Trail along Rock Creek to Old Harrisburg Road	New Trail largely on new trailbed with drainage	3500.00	LF	160	560000	
						<i>Subtotal</i>	\$638,000
						TOTAL	\$2,486,000
GENERAL NOTES:							
1. Costs are estimated for construction only. Trail design, landscape architectural and engineering fees may add about 20-30% additional.							
2. Costs will vary depending upon the requirements of the funding sources. Generally federally funded projects require much more design, administrative, permitting and construction costs.							
3. Total distance of the Gettysburg Inner Loop and the four spokes as measured on maps furnished by HABPI is approximately 18,500 feet., or about 3.5 miles.							
4. Assuming a maintenance budget of 5-8,000 per mile per year, the 3.5 miles of trail would require \$17,500 to \$28,000. This allows for some landscape maintenance.							