

Feasibility Study for a Greenway and Redevelopment Plan of the Philmont Avenue Corridor

Montgomery County, Pennsylvania

Preliminary Opinion of Probable Cost

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Segment	Bridge	Segment Description	Construction					Easement Acquisition				Segment Subtotal	Phase					
			6 foot wide concrete sidewalk	10 foot wide concrete sidewalk	12 foot wide asphalt trail	Gabion Gravity Wall Installed on Slope	Structure	Units	Cost/Unit	Cost Factor	Subtotal			20' Wide Easement Acquisition	Units	Cost/Unit	Cost Factor	Subtotal
M1		Multi-use Trail north side of Welsh Road			641				L.F.	60.00	1	38,460.00					38,460.00	4
M2		Multi-use Trail from Welsh Road thru Elkins Field to Huntingdon Pike			1952				L.F.	60.00	1	117,120.00						4
	1	Multi-use Trail Bridge over Retention Pond Spillway						1	Lump Sum			50,000.00						4
	2	Multi-use Trail Bridge over Retention Pond Spillway						1	Lump Sum			50,000.00					217,120.00	4
M3		Multi-use Trail west side of Huntingdon Pike north of railroad			993				L.F.	60.00	1	59,580.00						4
						600			L.F.	95.00	1	57,000.00					116,580.00	4
M4		Multi-use Trail west side of Huntingdon Pike south of railroad			973				L.F.	60.00	1	58,380.00						2
						610			L.F.	95.00	1	57,950.00					116,330.00	2
M5		Multi-use Trail along Huntingdon Valley Creek			3545				L.F.	60.00	1	212,700.00	2856	L.F.	7.00	1	19,992.00	1
	4	Earth fill and gabion wall along Bethayres train station access road at existing culvert over Huntingdon Creek						1	Lump Sum			50,000.00						1
	5	Multi-use Trail bridge over small stream						1	Lump Sum			50,000.00					332,692.00	1
S6		Wide Sidewalk along Philmont Avenue east of Red Lion Road		499					L.F.	70.00	1	34,930.00					34,930.00	3
M6		Multi-use Trail on north side of Philmont Avenue			3494				L.F.	60.00	1	209,640.00	763	L.F.	7.00	1	5,341.00	3
	8	Multi-use Trail bridge over small stream						1	Lump Sum			50,000.00						3
	9	Multi-use Trail bridge over Huntingdon Valley Creek						1	Lump Sum			150,000.00						3
	10	450 foot long Boardwalk						1	Lump Sum			135,000.00						3
	11	Multi-use Trail bridge over small stream						1	Lump Sum			50,000.00					599,981.00	3
M7		Multi-use Trail east of Tomlinson Road and through Ridgeway Park			1556				L.F.	60.00	1	93,360.00						3
	12	Multi-use Trail bridge over stream						1	Lump Sum			100,000.00						3
	13	Multi-use Trail bridge over stream						1	Lump Sum			150,000.00						3
	14	Multi-use Trail bridge over stream						1	Lump Sum			150,000.00					493,360.00	3

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			6 foot wide concrete sidewalk	10 foot wide concrete sidewalk	12 foot wide asphalt trail	Gabion Gravity Wall Installed on Slope	Structure	Units	Cost/Unit	Cost Factor	Subtotal	20' Wide Easement Acquisition	Units			Cost/Unit	Cost Factor	Subtotal
S1		Sidewalk south side of Welsh Road, Pennypack Creek to Lieberman Circle	766						L.F.	60.00	1	45,960.00					45,960.00	1
S2		Sidewalk south side of Philmont Avenue and east side of Huntingdon Pike	1222						L.F.	60.00	1	73,320.00					73,320.00	1
S3		Sidewalk north side of Philmont Avenue east of Red Lion Road	2136						L.F.	60.00	1	128,160.00						5
	6	Sidewalk bridge or culvert over small stream							Lump Sum			50,000.00					178,160.00	5
S4		Sidewalk Welsh Road from Post Office to Valley Road	1320						L.F.	60.00	2	158,400.00					158,400.00	5
S5		Sidewalk east side of Red Lion Road north of Philmont Avenue	427						L.F.	60.00	1	25,620.00					25,620.00	1
S7		Sidewalk east side of Red Lion Road south of Philmont Avenue	405						L.F.	60.00	1	24,300.00						4
	7	Sidewalk bridge over Huntingdon Valley Creek							Lump Sum			75,000.00					99,300.00	4
S8		Sidewalk south side of Philmont Avenue, Red Lion Road to Pine Road	3433						L.F.	60.00	1	205,980.00						2
	15	Sidewalk bridge over small stream							Lump Sum			25,000.00						2
	16	Sidewalk bridge over Huntingdon Valley Creek							Lump Sum			100,000.00						2
	17	Sidewalk bridge over small stream							Lump Sum			50,000.00					380,980.00	2
S9		Sidewalk south side of Pine Road	1137						L.F.	60.00	1	68,220.00					68,220.00	2
S10		Sidewalk west side of Tomlinson Road, Philmont Avenue to Tracey Road	970						L.F.	60.00	1	58,200.00						2
	18	Sidewalk bridge over small stream							Lump Sum			50,000.00					108,200.00	2
S11		Sidewalk west side of Tomlinson Road, Tracey Road to city line	781						L.F.	60.00	1	46,860.00					46,860.00	5
S12		Sidewalk south side of Philmont Avenue, Tomlinson Road to Maple Road	1800						L.F.	60.00	2	216,000.00					216,000.00	2
S13		Sidewalk south side of Philmont Avenue, Maple Road to Woodland Circle	1521						L.F.	60.00	1	91,260.00					91,260.00	5
S14		Sidewalk south side of Philmont Avenue, Woodland Circle to Byberry Road	1270						L.F.	60.00	1	76,200.00						5
	19	Sidewalk Bridge or culvert over tributary of Poquessing Creek							Lump Sum			50,000.00					126,200.00	5
S15		Sidewalk north side of Philmont Avenue, Fisher Road to Byberry Road	2940						L.F.	60.00	1	176,400.00						5
	20	Sidewalk Bridge or culvert over tributary of Poquessing Creek							Lump Sum			50,000.00					226,400.00	5
															Total	\$3,794,333.00		

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Alternates:																		
A		Alternate: Welsh Road Duck-Under			352				L.F.	60.00	1	21,120.00	200	L.F.	7.00	1	1,400.00	
		Cut and Fill in Pennypack stream-bed beneath Welsh Road Bridge					1		Lump Sum			100,000.00						122,520.00
B		Alternate: Huntingdon Pike Underpass			1113				L.F.	60.00	1	66,780.00	500	L.F.	7.00	1	3,500.00	
	3						1		Lump Sum			150,000.00						220,280.00
C		Alternate: Trail at edge of High School grounds and S&P Philmont LP			1176				L.F.	60.00	1	70,560.00						70,560.00
Cost by Phase:																		
1		\$477,592.00																
2		\$889,730.00																
3		\$1,128,271.00																
4		\$471,460.00																
5		\$827,280.00																
	Total	\$3,794,333.00																
		With Alternates \$4,207,693.00																
		Acquisition Total \$30,233.00																