

February 25, 2017

Mr. James Fisher, PE
 Borough Manager
 15 East High Street
 Manheim, PA 17535
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Re: 2017 Street Improvements
 LCEC Project No: 9-28
 Construction cost estimate

Description	Quantity	Unit	Unit Cost	Total Cost
North Penn Street				
Mobilization and bonds (8%)	1	LS	\$2,926.00	\$2,926
2A stone base (6" depth)	10	SY	\$25.00	\$250
Asphalt base course (5" depth)	10	SY	\$25.00	\$250
Milling and asphalt overlay (1.5" depth)	800	SY	\$22.00	\$17,600
Surface treatment (oil and chip)	6900	SY	\$2.75	\$18,975
Contingency (10%)	1	LS	\$4,010.00	\$4,010
				\$44,011
North Fulton Street				
Mobilization and bonds (8%)	1	LS	\$1,171.00	\$1,171
Milling and asphalt overlay (1.5" depth)	240	SY	\$22.00	\$5,280
Surface treatment (oil and chip)	3400	SY	\$2.75	\$9,350
Contingency (10%)	1	LS	\$1,590.00	\$1,590
				\$17,391
Lorraine Avenue				
Mobilization and bonds (8%)	1	LS	\$682.00	\$682
Milling and asphalt overlay (1.5" depth)	150	SY	\$22.00	\$3,300
Surface treatment (oil and chip)	1900	SY	\$2.75	\$5,225
Contingency (10%)	1	LS	\$930.00	\$930
				\$10,137
South Linden Street				
Mobilization and bonds (8%)	1	LS	\$2,568.00	\$2,568
2A stone base (6" depth)	180	SY	\$25.00	\$4,500
Asphalt base course (5" depth)	180	SY	\$25.00	\$4,500
Milling and asphalt overlay (1.5" depth)	700	SY	\$22.00	\$15,400
Surface treatment (oil and chip)	2800	SY	\$2.75	\$7,700
Contingency (10%)	1	LS	\$3,470.00	\$3,470
				\$38,138
South Veterans Alley				
Mobilization and bonds (8%)	1	LS	\$2,304.00	\$2,304
2A stone base (8" depth)	400	SY	\$25.00	\$10,000
Asphalt base course (5" depth)	400	SY	\$25.00	\$10,000
Asphalt wearing course (1.5" depth)	400	SY	\$22.00	\$8,800
Contingency (10%)	1	LS	\$3,120.00	\$3,120
				\$34,224
Dover Street				
Mobilization and bonds (8%)	1	LS	\$1,844.00	\$1,844
2A stone base (8" depth)	320	SY	\$25.00	\$8,000
Asphalt base course (5" depth)	320	SY	\$25.00	\$8,000
Asphalt wearing course (1.5" depth)	320	SY	\$22.00	\$7,040
Contingency (10%)	1	LS	\$2,490.00	\$2,490
				\$27,374
			Construction subtotal	\$171,275
Engineering (10% estimated)			Engineering subtotal	\$17,128.00
			Project total	\$188,403.00