

Bond Reduction Summary
 South Fayette Commons
 South Fayette Township, Allegheny County, Pennsylvania

Prepared by:
 Lennon, Smith, Souleret Engineering, Inc.
Work Completed: May 1, 2020

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	CONTRACT VALUE		WORK TO DATE		
				UNIT COST	TOTAL COST	WORK COMPLETE	COMPLETED COST	
Amenities Bond - On-Site Improvements								
1	Clearing and Grubbing	1	LS	\$5,000.00	\$5,000.00	1	\$5,000.00	
2	Demolition	1	LS	\$5,000.00	\$5,000.00	1	\$5,000.00	
3	Earthwork - Unclassified Excavation and Grading including Off Site Disposal of Material	8,850	CY	\$4.00	\$35,400.00	8850	\$35,400.00	
4	Rain Garden / Bio-Retention Area Grading including Soil Mix and Plantings	1	LS	\$10,000.00	\$10,000.00	1	\$10,000.00	
5	Erosion and Sedimentation Control, including but not limited to Maintenance, Temporary Seeding and Mulching and Slope Stabilization Fabric	1	LS	\$8,000.00	\$8,000.00	0.95	\$7,600.00	
6	Topsoil - 4" Average (Supply and Install including Fine Grading Topsoil), and Seed and Mulch	4,000	SY	\$2.00	\$8,000.00	2700	\$5,400.00	
7	8" PennDOT 2A Subbase including Preparation of Subgrade and Installation of Class IV Fabric	8,100	SY	\$20.00	\$162,000.00	3850	\$77,000.00	
8	3" Superpave HMA Binder Course, 19mm, 0 to 0.3 Million Design ESALs, PG 64-22, Section 409	5,325	SY	\$12.00	\$63,900.00	1880	\$22,560.00	
9	4" Superpave HMA Binder Course, 19mm, 0 to 0.3 Million Design ESALs, PG 64-22, Section 409	2,775	SY	\$14.00	\$38,850.00	1970	\$27,580.00	
10	3" Superpave Asphalt Mixture Design, HMA Wearing Course, PG 64-22, 0 to 0.3 ESAL's. 9.5mm mix, SRL-L	8,100	SY	\$16.00	\$129,600.00	3850	\$61,600.00	
11	Pavement Markings (Thermoplastic)	1	LS	\$5,000.00	\$5,000.00	0.5	\$2,500.00	
12	Concrete Sidewalk (4" depth), Reinforced, including Demolition, Excavation, 4" AASHTO No. 57 Aggregate Subbase (as directed)	7,200	SF	\$6.00	\$43,200.00	2500	\$15,000.00	
13	Maintenance and Protection of Traffic during Construction per PennDOT Publication 213 and the Federal Highway Administration Manual on Uniform Traffic Control Devices	1	LS	\$5,000.00	\$5,000.00	0.95	\$4,750.00	
14	Curb Cut Ramps - ADA Compliant, including Demolition, Excavation, 4" AASHTO No. 57 Aggregate, Concrete Curb, Cheekwalls, Sidewalk and Detectable Warning Surface per Detail, including Restoration	12	EA	\$2,500.00	\$30,000.00	5	\$12,500.00	
15	Plain Cement Concrete Curb (18" deep) including Excavation, Backfill and Lawn Restoration	3,500	LF	\$30.00	\$105,000.00	1740	\$52,200.00	
16	Concrete Pad	1,300	SF	\$15.00	\$19,500.00	1031	\$15,465.00	
17	Concrete Wheel Stop	17	EA	\$50.00	\$850.00	10	\$500.00	
18	6" PVC SDR-26 Roof Drain	70	LF	\$30.00	\$300.00	0	\$0.00	
19	8" PVC SDR-26 Roof Drain Manifold and R-Tank Connectors	150	LF	\$45.00	\$450.00	60	\$2,700.00	
20	15" Corrugated Polyethylene Culvert Pipe (smooth lined)	1,100	LF	\$60.00	\$66,000.00	1100	\$66,000.00	
21	24" Corrugated Polyethylene Culvert Pipe (smooth lined)	10	LF	\$85.00	\$850.00	10	\$850.00	
22	PennDOT Standard Inlet Box (Type 4, As Required) Variable Depth, 10" Cast Iron Frame and Bicycle Safe Grate	14	EA	\$3,000.00	\$42,000.00	14	\$42,000.00	
23	Storm Manhole	2	EA	\$4,000.00	\$8,000.00	2	\$8,000.00	
24	Yard Drain	3	EA	\$500.00	\$1,500.00	3	\$1,500.00	
25	Cleanout	2	EA	\$100.00	\$200.00	2	\$200.00	
26	Flared End Section	2	EA	\$1,500.00	\$3,000.00	2	\$3,000.00	
27	Adjust Existing Inlet Top to Grade	1	EA	\$1,000.00	\$1,000.00	1	\$1,000.00	
28	R-Tank Subsurface Infiltration and Detention System (Triple Modules)	1,334	EA	\$75.00	\$100,050.00	1334	\$100,050.00	
29	R-Tank Maintenance Port	12	EA	\$100.00	\$1,200.00	12	\$1,200.00	
30	6" Perforated PVC Underdrain	60	LF	\$10.00	\$600.00	60	\$600.00	
31	R-5 Rip-Rap Apron	15	SY	\$80.00	\$1,200.00	15	\$1,200.00	
32	Site Lighting, Complete In-Place	17	EA	\$6,500.00	\$110,500.00	10	\$65,000.00	
33	5" SCH 80 PVC Electrical Conduit	1,280	LF	\$25.00	\$32,000.00	960	\$24,000.00	
34	Connection to Existing Utility Service (Electric)	1	EA	\$1,000.00	\$1,000.00	1	\$1,000.00	
35	4" SCH 80 PVC Telephone Conduit	640	LF	\$20.00	\$12,800.00	445	\$8,900.00	
36	Survey Monument	7	EA	\$300.00	\$2,100.00	0	\$0.00	
37	Township Roadway Dust Control and Cleaning	1	LS	\$2,000.00	\$2,000.00	0.85	\$1,700.00	
Subtotal					\$1,060,375.00	Subtotal		\$688,955.00
110% AMENITIES BOND AMOUNT					\$1,166,412.50	TOTAL BOND REDUCTION		\$ 757,850.50
						PREVIOUS BOND REDUCTION		\$ 584,875.00
						TOTAL BOND REDUCTION THIS APPLICATION		\$ 172,975.50
						TOTAL REMAINING BOND		\$ 408,562.00