

Land Development Performance Bond Calculation - Cost Estimate

Rev. July 30, 2021

Project Name: Stone Bridge Farm
 Land Developer: Mark Brennan
 Location: Stone Bridge Drive from Mitchell's Lane to terminus
 Bond Estimate Prepared By: DiPrete Engineering
 Date: May 2021

Notes: 1. Items may be added to account for work specific to the project. 2. Consultant shall use prevailing wage when calculating the unit cost

ITEM NO.	DESCRIPTION	UNIT	QUAN.	UNIT COST	PRE-RECORDING	POST RECORDING	TOTAL	WAUP Item Used	Year
					non-BOND ITEM COST	BOND ITEM COST	ITEM COST		
4.0 Soil Erosion Measures									
	Silt Fence STD 9.2.0	LF	2080	\$4.02	\$0.00	\$8,361.60	\$8,361.60	206.0220	2020
5.0 Landscaping									
	Landscaping	TOTAL	1	\$10,000.00	\$0.00	\$10,000.00	\$10,000.00	N/A: Street tree est.	
	Residential Seeding	SF	20,000	\$1.92	\$0.00	\$38,400.00	\$38,400.00	L02.0102	2021
6.0 Storm Drainage									
	Replace Outlet Structure	EACH	1	\$15,000.00	\$0.00	\$15,000.00	\$15,000.00	N/A: Estimate	
	Water Quality Testing	EACH	1	\$750.00	\$0.00	\$750.00	\$750.00	N/A: Previous cost	
	Sediment Removal	CY	111	\$30.00	\$0.00	\$3,330.00	\$3,330.00	N/A: Estimate	
17.0 Road Paving / Sidewalk									
	Bituminous Berm Standard 7.5.1	LF	2054	\$2.00	\$0.00	\$4,108.00	\$4,108.00	906.0602	2021
	1 1/2" Type I-I Bituminous Surface Course (Class 9.5)	TON	215	\$186.00	\$0.00	\$39,990.00	\$39,990.00	401.3000	2020
	Asphalt Emulsion Tack Coat	SY	3151	\$0.39	\$0.00	\$1,228.89	\$1,228.89	403.0300	2021
	Street Sweeping, Pre-Tack Coat, Pavement Marking	HSY	32	\$15.00	\$0.00	\$480.00	\$480.00	931.0110	2021
	Cement Concrete Sidewalk RI STD 43.1.0	CY	52	\$885.00	\$0.00	\$46,020.00	\$46,020.00	905.0110	2020
	Reinforced turf paths	SY	89	\$55.00	\$0.00	\$4,895.00	\$4,895.00	N/A: Estimate	
18.0 Road Striping									
	12" Epoxy Resin Pavement Marking - White (Stop Bar)	LF	15	\$10.00	\$0.00	\$150.00	\$150.00	T20.2412	2021
19.0 Monumentation									
	Install ROW Bounds	EACH	16	\$525.00	\$0.00	\$8,400.00	\$8,400.00	915.0100	2021
	Install Open Space Monuments	EACH	20	\$200.00	\$0.00	\$4,000.00	\$4,000.00	N/A: Previous cost	
20.0 Traffic Control									
	Furnish & Install Stop Sign & Post	EACH	1	\$350.00	\$0.00	\$350.00	\$350.00	T15.0100	2021
	Furnish & Install Street Identifier Sign & Post	EACH	1	\$350.00	\$0.00	\$350.00	\$350.00	T15.1000	2020
21.0 Septic Related Work									
	OWTS Subdrain Construction	LF	500	\$60.00	\$0.00	\$30,000.00	\$30,000.00	T15.0100	2021
TOTAL PROJECT COST					\$0.00	\$215,813.49	\$215,813.49		
						Total	\$215,813.49		

*CONSTRUCTION COSTS BASED ON RHODE ISLAND DEPARTMENT OF TRANSPORTATION (RIDOT) WEIGHTED AVERAGE PRICES, AND DIPRETE ENGINEERING ASSOCIATES LOCAL KNOWLEDGE

TOTAL CONSTRUCTION COST	\$	215,813
15% CONTINGENCY	\$	32,372
TOTAL	\$	248,186