

Project Name: The Village at Curtis Corner  
 Land Developer: 5A Builders, LLC  
 Bond Estimate Prepared By: DiPrete Engineering  
 Date: January 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
					non-BOND ITEM COST	BOND ITEM COST	ITEM COST
<b>2.0 Site Preparation</b>							
	Clearing & Grubbing	ACRE	6.25	\$3,516.85	\$21,980.31		\$21,980.31
<b>4.0 Soil Erosion Measures</b>							
	Silt Fence STD 9.2.0	LF	2980	\$4.02	\$11,979.60		\$11,979.60
	Construction Entrance	SY	133	\$20.00	\$2,660.00		\$2,660.00
<b>5.0 Landscaping</b>							
	Landscaping	TOTAL	1	\$35,000.00	\$35,000.00		\$35,000.00
	Residential Seeding	TOTAL	1	\$54,000.00	\$54,000.00		\$54,000.00
<b>6.0 Storm Drainage</b>							
	6" PVC Pipe (Perforated/Outlet Pipe on plans)	LF	145	\$20.00	\$2,900.00		\$2,900.00
	8" Ductile Iron Pipe	LF	17	\$75.00	\$1,275.00		\$1,275.00
	12" Reinforced Concrete Pipe	LF	236	\$75.36	\$17,784.96		\$17,784.96
	15" Reinforced Concrete Pipe	LF	111	\$85.00	\$9,435.00		\$9,435.00
	18" Reinforced Concrete Pipe	LF	125	\$95.00	\$11,875.00		\$11,875.00
	24" Reinforced Concrete Pipe	LF	126	\$105.00	\$13,230.00		\$13,230.00
	Outlet Control Structure	EACH	1	\$3,500.00	\$3,500.00		\$3,500.00
	OTDG-22	EACH	1	\$2,000.00	\$2,000.00		\$2,000.00
	LD Frame & Cover, RI STD 6.2.0 (OCS)	EACH	1	\$858.94	\$858.94		\$858.94
	HD Frame & Cover, RI STD 6.2.1	EACH	1	\$1,109.93	\$1,109.93		\$1,109.93
	Precast 5' Diameter Manhole	EACH	1	\$4,734.29	\$4,734.29		\$4,734.29
	Precast 4' Diameter Catch Basin	EACH	6	\$3,301.58	\$19,809.48		\$19,809.48
	Double Grate Catch Basin RI STD 3.3.4	EACH	4	\$5,100.00	\$20,400.00		\$20,400.00
	Frame & Grate RI STD 6.3.2	EACH	16	\$943.81	\$15,100.96		\$15,100.96
	12" Headwall	CY	1	\$2,092.98	\$2,092.98		\$2,092.98
	12" Flared End Section	EACH	2	\$832.89	\$1,665.78		\$1,665.78
	24" Flared End Section	EACH	1	\$1,340.00	\$1,340.00		\$1,340.00
	Riprap R-3, R-4, R-5	SY	184	\$92.55	\$17,029.20		\$17,029.20
	Filter Fabric for Riprap	SY	76	\$8.03	\$610.28		\$610.28
	Stormwater BMPs						
	Sand Filter	CF	0.28	\$22,005.26	\$6,161.47		\$6,161.47
	Infiltration basin	ACRE	0.68	\$11,800.00	\$8,024.00		\$8,024.00
	Flush & Clean Catch Basins / DMH's	EACH	13	\$126.00	\$1,638.00		\$1,638.00
<b>7.0 Sewer</b>							
	4' Diameter Sewer Manhole	EACH	7	\$3,800.00	\$26,600.00		\$26,600.00
	SMH Frame and Cover (TSK STD)	EACH	7	\$1,109.93	\$7,769.51		\$7,769.51
	Sewer Clean out	EACH	24	\$225.00	\$5,400.00		\$5,400.00
	6" SDR 35 PVC Sewer Pipe	LF	1,782	\$75.00	\$133,650.00		\$133,650.00
	8" SDR 35 PVC Sewer Pipe	LF	631	\$75.00	\$47,325.00		\$47,325.00
	Crushed Gravel (Sewer Pipe bedding & initial backfill)	CY	47	\$30.76	\$1,445.72		\$1,445.72
	Sewer Tests (Pressure, Vacuum, Mandrel)	EACH	1	\$750.00	\$750.00		\$750.00
	Traceable Sewer Tape	EACH	1	\$100.00	\$100.00		\$100.00
<b>8.0 Potable Water</b>							
	8" DI Water Main	LF	610	\$120.00	\$73,200.00		\$73,200.00
	Fire Hydrant	EACH	2	\$5,419.17	\$10,838.34		\$10,838.34
	8" Gate Valve and Box	EACH	3	\$1,500.00	\$4,500.00		\$4,500.00
	Tees / Reducers	EACH	1	\$110.00	\$110.00		\$110.00
	Blowoffs / Air Release Assembly	EACH	3	\$1,430.00	\$4,290.00		\$4,290.00
	Thrust Blocks	EACH	3	\$390.00	\$1,170.00		\$1,170.00
	3/4" HDPE CTS service line	LF	1,890	\$38.00	\$71,820.00		\$71,820.00
	3/4" curb stop	EACH	24	\$446.96	\$10,727.04		\$10,727.04
	Conduct Leakage Test	EACH	1	\$1,251.67	\$1,251.67		\$1,251.67
	Sterilization of Water Main	EACH	1	\$3,760.00	\$3,760.00		\$3,760.00
<b>9.0 Electric</b>							
	Underground Electric	LF	659	\$12.00	\$7,908.00		\$7,908.00
<b>10.0 Natural Gas</b>							
	Natural Gas	EA	1	\$25,000.00	\$25,000.00		\$25,000.00
<b>11.0 Telephone Line Installation</b>							
	Telephone Line	LF	659	\$12.00	\$7,908.00		\$7,908.00
<b>12.0 Cable TV</b>							
	Cable TV	LF	659	\$12.00	\$7,908.00		\$7,908.00
<b>15.0 Road Base / Sidewalk Preparation</b>							
	Bank Run Gravel (Roadway)	CY	121	\$25.80	\$3,121.80		\$3,121.80
	Process Gravel (Roadway)	CY	535	\$25.80	\$13,803.00		\$13,803.00
	Process Gravel (Sidewalk)	CY	56	\$25.80	\$1,444.80		\$1,444.80
<b>17.0 Road Paving / Sidewalk</b>							
	Bituminous Berm Standard 7.5.1	LF	1331	\$1.00	\$1,331.00		\$1,331.00
	2 1/2" Binder Course	TON	338	\$203.67	\$68,840.46		\$68,840.46
	1 1/2" Type I-H Bituminous Surface Course	TON	215	\$164.75	\$35,421.25		\$35,421.25
	Asphalt Emulsion Tack Coat	SY	2139	\$0.39	\$834.21		\$834.21
	Street Sweeping, Pre-Tack Coat, Pavement Marking	HSY	43	\$15.00	\$645.00		\$645.00
	Cement Concrete Sidewalk RI STD 43.1.0	CY	26	\$393.27	\$10,225.02		\$10,225.02
	Cement Concrete Driveway RI STD 43.5.0	CY	4	\$450.00	\$1,800.00		\$1,800.00
	Cement Concrete Curb Precast Straight RI STD 7.1.0	LF	41	\$35.66	\$1,462.06		\$1,462.06
	Cement Concrete Curb Precast Curved RI STD 7.1.0	LF	24	\$46.90	\$1,125.60		\$1,125.60
	Cement Concrete Wheelchair Ramp Curb RI STD 43.3.1	EA	2	\$572.74	\$1,145.48		\$1,145.48
	6' Precast Concrete Transition Curb RI STD 7.1.2	EA	2	\$348.68	\$697.36		\$697.36
<b>18.0 Road Striping</b>							
	12" Epoxy Resin Pavement Marking - White	LF	11	\$10.00	\$0.00	\$110.00	\$110.00
<b>19.0 As-Builts &amp; Monumentation</b>							
	As-built record drawing preparation	EACH	1	\$7,500.00	\$0.00	\$7,500.00	\$7,500.00
	Install ROW Bounds	EACH	14	\$600.00	\$0.00	\$8,400.00	\$8,400.00
	Install Iron Rods	EACH	22	\$100.00	\$0.00	\$2,200.00	\$2,200.00
	Construction Stakeout	EACH	1	\$3,500.00	\$3,500.00		\$3,500.00
<b>20.0 Traffic Control</b>							
	Furnish & Install Stop Sign & Post	EACH	1	\$350.00	\$0.00	\$350.00	\$350.00
	Furnish & Install Street Identifier Sign & Post	EACH	1	\$350.00	\$0.00	\$350.00	\$350.00
	Furnish & Install Speed Limit Sign & Post	EACH	1	\$350.00	\$0.00	\$350.00	\$350.00
	Furnish & Install Watch for Children Sign & Post	EACH	1	\$350.00	\$0.00	\$350.00	\$350.00
<b>TOTAL PROJECT COST</b>					<b>\$887,023.50</b>	<b>\$19,610.00</b>	<b>\$906,633.50</b>
						<b>Total</b>	<b>\$906,633.50</b>

\*CONSTRUCTION COSTS BASED ON RHODE ISLAND DEPARTMENT OF TRANSPORTATION (RIDOT) WEIGHTED AVERAGE PRICES, DATA OBTAINED FROM SOUTH KINGSTOWN ENGINEERING DEPARTMENT, AND DIPRETE ENGINEERING ASSOCIATES LOCAL KNOWLEDGE

TOTAL CONSTRUCTION COST	\$ 906,634
ENGINEERING-Stakeout, As-Builts (5% of Const. Cost)	\$ 45,332
<b>TOTAL PROJECT COST</b>	<b>\$ 951,965</b>
15% CONTINGENCY	\$ 142,795
<b>TOTAL</b>	<b>\$ 1,094,760</b>
INITIAL ESTIMATED MAINTENANCE BOND (5% of total improvements)	\$ 47,600
<b>INSPECTION FEE (2% OF BOND)</b>	<b>\$ 21,900</b>