



DISCOVERY PARK - THE VILLAGE AT DISCOVERY PARK ZONE 1
FINAL DEVELOPMENT PLAN INFRASTRUCTURE
4/19/2024

ENGINEERS OPINION OF PROBABLE COSTS

NO.	ITEM	UNIT	QUANTITY	PRICE (\$)	TOTAL
1.0	EARTHWORK				
1.01	SUBGRADE AGGREGATE STABILIZATION	SY	18,324	\$6.00	\$109,944.00
EARTHWORK SUB-TOTAL					\$109,944.00
2.0	PAVING				
2.01	6" CONCRETE	SY	2,144	\$56.50	\$121,136.00
2.02	8" CONCRETE	SY	10,647	\$72.00	\$766,584.00
PAVING SUB-TOTAL					\$887,720.00
3.0	PAVEMENT MARKING AND SIGNAGE				
3.01	4" SOLID WHITE/YELLOW STRIPING (PAINT)	LF	1,768	\$0.25	\$442.00
3.02	24" SOLID WHITE STRIPING (THERMOPLASTIC)	SY	84	\$15.00	\$1,260.00
3.03	TYPE IV OBJECT MARKER	EA	12	\$165.00	\$1,980.00
3.04	STREET SIGNS	EA	33	\$310.00	\$10,230.00
PAVEMENT MARKING AND SIGNAGE SUB-TOTAL					\$13,912.00
4.0	CONCRETE CURB & GUTTER, SIDEWALKS, ENTRY DRIVES				
4.01	CONCRETE CURB AND GUTTER - CG-1	LF	3,896	\$15.00	\$58,440.00
4.02	CONCRETE CURB AND GUTTER - CG-2	LF	3,090	\$15.00	\$46,350.00
4.03	MOUNTABLE CURB AND GUTTER	LF	440	\$20.00	\$8,800.00
4.04	CONCRETE SIDEWALKS (5' WIDE)	LF	5,110	\$21.00	\$107,310.00
4.05	CURB RAMPS WITH DETECTABLE WARNING	EA	34	\$1,200.00	\$40,800.00
SIDEWALK, CONCRETE CURB & GUTTER SUB-TOTAL					\$261,700.00
5.0	STORM SEWER IMPROVEMENTS				
5.01	15" HDPE PIPE	LF	456	\$40.00	\$18,240.00
5.02	18" HDPE PIPE	LF	665	\$45.00	\$29,925.00
5.03	24" HDPE PIPE	LF	95	\$54.00	\$5,130.00
5.04	24"-30" END SECTION (CMP)	EA	1	\$1,000.00	\$1,000.00
5.05	RIPRAP	SY	13	\$65.00	\$864.50
5.06	4' DIA JUNCTION MANHOLE	EA	1	\$2,700.00	\$2,700.00
5.07	5' DIA JUNCTION MANHOLE	EA	2	\$4,200.00	\$8,400.00
5.08	18" I.D. NYLOPLAST DRAIN W/2'X3' CURB ADAPTER	EA	6	\$1,200.00	\$7,200.00
5.09	30" I.D. NYLOPLAST DRAIN W/2'X3' CURB ADAPTER	EA	2	\$2,000.00	\$4,000.00
5.10	5'X3' CURB INLET	EA	7	\$3,650.00	\$25,550.00
5.11	5'X4' CURB INLET	EA	1	\$3,840.00	\$3,840.00
5.12	4'X4' AREA INLET	EA	4	\$3,800.00	\$15,200.00
STORM SEWER SUB-TOTAL					\$122,049.50
6.0	WATER IMPROVEMENTS				
6.01	8" C900 PVC	LF	1,879	\$44.00	\$82,676.00
6.02	12" C900 PVC	LF	515	\$48.25	\$24,848.75
6.03	6" BENDS	EA	7	\$206.00	\$1,442.00
6.04	8" BENDS	EA	6	\$278.00	\$1,668.00
6.05	12" BENDS	EA	5	\$592.00	\$2,960.00
6.06	8" TEES/CROSSES	EA	9	\$430.00	\$3,870.00
6.07	12" TEES/CROSSES	EA	5	\$787.00	\$3,935.00
6.08	8" PLUG	EA	2	\$142.00	\$284.00
6.09	12" PLUG	EA	1	\$218.00	\$218.00
6.10	6" GATE VALVE	EA	7	\$755.00	\$5,285.00
6.11	8" GATE VALVE	EA	9	\$1,250.00	\$11,250.00
6.12	12" GATE VALVE	EA	2	\$2,600.00	\$5,200.00
6.13	8" BACKFLOW PREVENTER VAULT	EA	1	\$3,000.00	\$3,000.00
6.14	12" BACKFLOW PREVENTER VAULT	EA	1	\$4,000.00	\$4,000.00
6.15	8" BLOWOFF ASSEMBLY W/STRADDLE BLOCK	EA	2	\$3,680.00	\$7,360.00
6.16	FIRE HYDRANT ASSEMBLY	EA	8	\$4,400.00	\$35,200.00
UTILITY SUB-TOTAL					\$193,196.75
				SUB-TOTAL \$	1,588,522.25
				CONTINGENCY (10%) \$	158,852.23
				TOTAL \$	\$ 1,747,374.48

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