City of Hudson Engineering Department Cost Estimate for: Former YDC Option A Inclusive Park Project March, 2023									
REF. NO.	ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST			
General		1							
1	201	Clearing, Grubbing and Pruning	1	LS	\$10,000.00	\$10,000.00			
2	614	Maintenance of Traffic	1	LS	\$10,000.00	\$10,000.00			
3	623	Construction Layout Staking	1	LS	\$10,000.00	\$10,000.00			
4	624	Mobilization	1	LS	\$20,000.00	\$20,000.00			
8	832	Sedimentation and Erosion Controls	1	LS	\$5,000.00	\$5,000.00			
9	SPCL	Preconstruction Video	1	LS	\$3,000.00	\$3,000.00			
10	SPCL	Record Drawings and As Built Surveys	1	LS	\$2,500.00	\$2,500.00			
Fotal for G	eneral Se	ection				\$60,500.0			
Site Prepa	ration / D	Demolition							
11		Laydown/Staging Area	1	LS	\$5,000.00	\$5,000.00			
12		Concrete Storm Drainage Structures Removed, Complete	3	EA	\$850.00	\$2,550.00			
13		Concrete Sanitary Sewer Structure Removed, Complete	1	EA	\$850.00	\$850.00			
14		Storm Sewer Pipe Removed, Complete	225	LF	\$25.00	\$5,625.00			
15		Sanitary Sewer Pipe Removed, Complete	370	LF	\$35.00	\$12,950.00			
16		Asphalt Driveway Removed	1750	SY	\$5.00	\$8,750.00			
17		Construction Fence (6' Chain Link) with Gate	2100	LF	\$15.00	\$31,500.00			
Total for Si	ite Prepa	ration / Demolition				\$67,225.00			
Earthwork									
18		Topsoil Stripped, Stockpiled, Mounded and Respread	15000	SY	\$5.00	\$75,000.00			
19		Excavation (Cut) - Assumes soil stockpile is available on-site	8664	CY	\$15.00	\$129,960.00			
20		Excavation (Fill) - Assumes soil stockpile is available on-site	10164	CY	\$15.00	\$152,460.00			
21		Excavation (Cut) Dry Detention Basin	1500	CY	\$15.00	\$22,500.00			
Total for E	arthwork		· ·			\$379,920.00			
Pavement									
22	611	Subgrade Preparation (All Pavement)	5000	SY	\$2.00	\$10,000.00			
22	011	ODOT 304 - Limestone Aggregate Base - 6" Thick	850	CY	\$2.00	\$10,000.00			
23		Asphalt Type 1 Surface (Medium) PG 64-22(448) (1.5" Thick)	210	CY	\$200.00	\$42,000.00			
25		Asphalt Type 1 Intermediate (Medium), PG 64-22 (1/2" Thick)	70	СҮ	\$210.00	\$14,700.00			
		Commercial Driveway Apron with QC MS Concrete (8" thick)							
26		Concrete Vertical Curb, Type 6, Including 3" of 304 Limestone,	115	SY	\$100.00	\$11,500.00			
27		Complete	1650	LF	\$55.00	\$90,750.00			
28		8' Wide, 4" MS concrete sidewalk, Including 3" of 304 base, Complete	2500	SF	\$9.00	\$22,500.00			
29		Parking Lot Pavement Marking Paint	1250	LF	\$3.50	\$4,375.00			
30		Parking Lot Transverse Pavement Marking Paint	550	LF	\$3.50	\$1,925.0			
31		ADA Pavement Symbol Marking	14	EA	\$150.00	\$2,100.00			
32		ADA Signage	14	EA	\$700.00	\$9,800.00			
Total for P	avomont	•			÷, 50.00	\$269,150.0			

		City of Hudson Engineerir Cost Estimate Former YDC Option A Incl	for: usive Park Pr	oject				
REF. NO.	ITEM	March, 202 DESCRIPTION	3 QUANTITY	UNIT	UNIT COST	TOTAL COST		
Miscellan	eous							
33		Bathroom Facility	1	LS	\$150,000.00	\$150,000.00		
34		2" Water Service, Complete	250	LF	\$50.00	\$12,500.00		
35		Sanitary Septic System, Complete	1	LS	\$40,000.00	\$40,000.00		
36		Utilities-Storm, Infrastructure, Bio-Swale	1	LS	\$150,000.00	\$150,000.00		
37		Utilities-Electric, Including Light Poles and Conduits	1	LS	\$100,000.00	\$100,000.00		
Total for I	Viscellane	eous				\$452,500.00		
						•		
Landscapi	ing							
38		Fine Grading, Seed and Straw	15000	SY	\$2.50	\$37,500.00		
39		Misc. Landscaping	1	LS	\$20,000.00	\$20,000.00		
Total for Miscellaneous								
Total Construction for All Sections 20% Contingency 5% Inflation (2024) Contingency GRAND CONSTRUCTION TOTAL Image: Colspan="2">Image: Colspan="2" Image: Colspa="2" Image: Colspan="2" Image: Colspan="2" I								
Notes:								
		es not include costs for the playground equipment or any wor	k associated with bui	lding the p	olayground (i.e Fer	ncing, pavement,		
		und area, pavilion, and or baseball fields etc.).						
		for budget purposes only. med construction takes place in 2024.						
Design Se	ction							
1	SPCL	Site Survey and Design (15% of Construction)	1	LS		\$193,019.25		
2	SPCL	Geotechnical Engineering (2%)	1	LS		\$25,735.90		
3	SPCL	Wetland Delineation (2%)	1	LS		\$25,735.90		
4	SPCL	Bonds and Insurance (1.5%)	1	LS		\$965.10		
5	SPCL	Boundary Survey, Legals and Recording	1	LS	\$20,000.00	\$20,000.00		
Total Cos	t for Desi	gn Section			·	\$265,456.15		
		-				\$26,545.61		
10% Desig								
	DESIGN .	TOTAL				\$292,001.76		
		TOTAL				\$292,001.76		