Preserve of Hudson Townhomes - Engineer's Estimate

24189	Subdivision:	Preserve of Hudson	Phase #:	N/A	Date:		10/21/2024
ITEM	ITEM DESCRIPTION		CONTRACT QUANTITY	UNIT	UNIT PRICE		EXTENDED TOTALS
	SITE PREPARATION						
SP1	Mobilization		1	LS	3,500.00	$	3,500.00
SP2	Site Clearing		8	AC	4,200.00	$	31,500.00
SP3	Silt Fence or 12" Filter Sock		1772	LF	2.50	$	4,430.00
SP4	Inlet Protection		22	EA	125.00	$	2,750.00
SP5	Stone Temporary Construction Entrance		1	LS	2,800.00	$	2,800.00
SP6	Earthwork		1	LS	60,000.00	$	60,000.00
SP7	Temporary Seeding & Mulching		17035	SY	0.40	$	6,814.00
SP8	Permanent Seeding & Mulching		19167	SY	0.70	$	13,416.90
				SUBTOTAL		**$**	**125,210.90**
	STORM SEWER						
ST1	Storm Manhole (48" Diameter Base)		2	EA	2,200.00	$	4,400.00
ST2	ODOT 2-2B Catch Basin		2	EA	800.00	$	1,600.00
ST3	ODOT 2-2C Catch Basin		4	EA	800.00	$	3,200.00
ST4	ODOT 2-3 Catch Basin		4	EA	1,200.00	$	4,800.00
ST5	ODOT 2-4 Catch Basin (Outlet Structure)		1	EA	1,200.00	$	1,200.00
ST6	Curb Inlets (Single)		12	EA	1,600.00	$	19,200.00
ST7	6" PVC Stm Sewer Connections		125	LF	25.00	$	3,125.00
ST8	12" HDPE Storm Sewer		1396	LF	24.00	$	33,504.00
ST9	18" HDPE Storm Sewer		70	LF	28.00	$	1,960.00
ST10	24" HDPE Storm Sewer		522	LF	40.00	$	20,880.00
ST11	30" HDPE Storm Sewer		136	LF	50.00	$	6,800.00
ST12	12" HW-D Headwall		1	EA	1,000.00	$	1,000.00
ST13	18" HW-D Headwall		1	EA	1,500.00	$	1,500.00
ST14	30" HW-D Headwall		1	EA	2,500.00	$	2,500.00
ST15	ODOT Type 'C' Rock Protection		27	CY	100.00	$	2,700.00
				SUBTOTAL		**$**	**108,369.00**
	SANITARY SEWER						
S1	Sanitary Manhole (Standard 48")		2	EA	4,000.00	$	8,000.00
S2	E-One WH-101 Grinder Pump		6	EA	5,000.00	$	30,000.00
S3	Sanitary Cleanout		6	EA	1,200.00	$	7,200.00
S4	8" PVC SDR 35 w/ premium backfill		103	LF	50.00	$	5,150.00
S5	6" PVC SDR 35 w/ premium backfill		719	LF	40.00	$	28,760.00
S6	2" Sanitary Forcemain		1208	LF	50.00	$	60,400.00
S7	16" Steel Casing & Bore Under Darrow Road		35	LF	200.00	$	7,000.00
S8	6" PVC Sanitary Connections		29	EA	800.00	$	23,200.00
S9	Televise & Test Sanitary Sewer		2030	LF	2.50	$	5,075.00
				SUBTOTAL		**$**	**174,785.00**

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24189	Subdivision:	Preserve of Hudson	Phase #:	N/A	Date:	10/21/2024
ITEM	ITEM DESCRIPTION	CONTRACT QUANTITY	UNIT	UNIT PRICE		EXTENDED TOTALS
	WATERLINE					
W1	8" PVC C-909 Water Main w/premium backfill	1430	LF	45.00	$	64,350.00
W2	1" Copper Waterline Conn. (Long)	25	EA	1,500.00	$	37,500.00
W3	1" Copper Waterline Conn. (Short)	4	EA	850.00	$	3,400.00
W4	8"x8"x8" Tee	1	EA	450.00	$	450.00
W5	8" Line Valve	3	EA	1,500.00	$	4,500.00
W6	8"x12" Tapping Sleeve & Valve	1	EA	3,500.00	$	3,500.00
W7	Chlorination & Pressure Testing (By Contractor)	1430	LF	2.00	$	2,860.00
W8	8"-45° Bend	5	EA	300.00	$	1,500.00
W9	8"-22.5° Bend	2	EA	300.00	$	600.00
W10	Hydrant Assyembly	6	EA	4,800.00	$	28,800.00
				SUBTOTAL	**$**	**147,460.00**
	PAVEMENT					
CP1	Subgrade Preparation (Subgrade Compaction)	6563	SY	2.00	$	13,126.00
CP2	3" ODOT Item 402 & 404 Asphalt Concrete	304	CY	60.00	$	18,240.00
CP3	Portland Cement Concrete Combination w/ 6" Vertical Curb & Gutter	458	SY	50.00	$	22,900.00
CP4	3" ODOT Item 304 Limestone Aggregate Base	751	CY	50.00	$	37,550.00
CP5	4" ODOT Item 301 Bitumious Aggregate Base	678	CY	50.00	$	33,900.00
CP6	6" Reinforced Portland Cement Concrete Pavement	484	CY	60.00	$	29,040.00
CP7	6" ODOT 605 Underdrain W/ Granular Filter Aggregate No. 8	2062	LF	9.00	$	18,558.00
CP8	Open Space Sidewalks - Remainder w/house builds	408	SF	6.00	$	2,448.00
				SUBTOTAL	**$**	**175,762.00**
	MISCELLANEOUS					
M1	Utility Trenching & Ducts X-ings for Electric, Cable, Phone (Verify Qty)	2	EA	500.00	$	1,000.00
M2	Maintenance of Traffic Darrow Road	1	LS	4,000.00	$	4,000.00
				SUBTOTAL	**$**	**5,000.00**

***Quantities based on plans dated: 10/21/2024

Notes: Sewer & Water Main/Connection Costs include Trench Excavation & Backfill Material

BREAKDOWN FOR HOPE POINTE PLACE		
SITE PREPARATION	$	125,210.90
SANITARY SEWER	$	108,369.00
STORM SEWER	$	174,785.00
WATERLINE	$	147,460.00
PAVEMENT	$	175,762.00
MISCELLANEOUS	$	5,000.00
SUBTOTALS	**$**	**736,586.90**
ADD 15% CONTINGENCY	$	73,658.69
GRAND TOTAL	**$**	**810,245.59**