STORM SEWER PLANT VALUE

(Schedule 'A' / Storm Structures)

Southern Addition to Birchwood Point Phase 5

13852

Inlet Ingineering @ 12% Total Cost X3 SAS Ingineering @ 12% Total Cost X4 SAS Ingineering @ 12% Total Cost X4 SAS Ingineering @ 12% Total Cost X5 SAS Ingineering @ 12% Total Cost V5 SAS Ingineering @ 12% Total Cost Ingineering @ 12%	10 7 4 2 1	EACH EACH EACH EACH EACH	\$ 2,600.00 \$ 2,912.00 \$ 2,900.00 \$ 3,248.00 \$ 3,900.00 \$ 4,368.00 \$ 4,368.00 \$ 4,800.00 \$ 5,376.00 \$ 5,376.00 \$ 7,400.00 \$ 8,288.00 \$ 3,500.00 \$ 3,920.00	\$\$ <	26,000.00 3,120.00 29,120.00 20,300.00 2,436.00 22,736.00 15,600.00 17,472.00 9,600.00 1,152.00 7,400.00 888.00 8,288.00 3,500.00 420.00 3,920.00
Total Cost X3 SAS Engineering @ 12% Total Cost X4 SAS Engineering @ 12% Total Cost X5 SAS Engineering @ 12% Total Cost X5 SAS Engineering @ 12% Total Cost Gotal Cost Engineering @ 12% Total Cost Engineering @ 12% Total Cost Gotal Cost Gotal Cost Gotal Cost Total Cost Gotal Cost Gotal Cost Engineering @ 12% Total Cost Engineering @ 12% Total Cost Engineering @ 12%	4	EACH EACH EACH	\$ 2,900.00 \$ 3,248.00 \$ 3,900.00 \$ 4,368.00 \$ 4,800.00 \$ 5,376.00 \$ 7,400.00 \$ 8,288.00 \$ 3,500.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,120.00 29,120.00 2,436.00 22,736.00 15,600.00 17,472.00 9,600.00 1,152.00 10,752.00 7,400.00 888.00 8,288.00 3,500.00 420.00
X3 SAS Ingineering @ 12% Total Cost X4 SAS Ingineering @ 12% Total Cost X5 SAS Ingineering @ 12% Total Cost Ingineering @ 12% Total Cost Ingineering @ 12% Total Cost Ingineering @ 12% Ingineering @ 12% Ingineering @ 12% Ingineering @ 12% Ingineering @ 12% Ingineering @ 12%	4	EACH EACH EACH	\$ 2,900.00 \$ 3,248.00 \$ 3,900.00 \$ 4,368.00 \$ 4,800.00 \$ 5,376.00 \$ 7,400.00 \$ 8,288.00 \$ 3,500.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,300.00 2,436.00 22,736.00 15,600.00 1,872.00 17,472.00 9,600.00 1,152.00 10,752.00 7,400.00 888.00 8,288.00 3,500.00 420.00
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Total Cost X4 SAS Engineering @ 12% Total Cost X5 SAS Engineering @ 12% Total Cost Foral Cost Engineering @ 12% Total Cost Engineering @ 12% Total Cost Engineering @ 12% Total Cost G" Apron End w/ Gate Engineering @ 12% Total Cost Engineering @ 12% Total Cost Engineering @ 12%	2	EACH EACH EACH	\$ 3,248.00 \$ 3,900.00 \$ 4,368.00 \$ 4,800.00 \$ 5,376.00 \$ 7,400.00 \$ 8,288.00 \$ 3,500.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,436.00 22,736.00 15,600.00 1,872.00 17,472.00 9,600.00 1,152.00 7,400.00 888.00 8,288.00 3,500.00 420.00
Total Cost X4 SAS Engineering @ 12% Total Cost X5 SAS Engineering @ 12% Total Cost Foral Cost Engineering @ 12% Total Cost Engineering @ 12% Total Cost Engineering @ 12% Total Cost G" Apron End w/ Gate Engineering @ 12% Total Cost Engineering @ 12% Total Cost Engineering @ 12%	2	EACH	\$ 3,900.00 \$ 4,368.00 \$ 4,800.00 \$ 5,376.00 \$ 7,400.00 \$ 8,288.00 \$ 3,500.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	15,600.00 1,872.00 9,600.00 1,152.00 10,752.00 7,400.00 888.00 8,288.00 3,500.00 420.00
Ingineering @ 12% Total Cost Ingineering @ 12% Total Cost Errace Inlet Type 2 Ingineering @ 12% Total Cost G" Apron End w/ Gate Ingineering @ 12% Total Cost Ingineering @ 12%	2	EACH	\$ 4,368.00 \$ 4,800.00 \$ 5,376.00 \$ 7,400.00 \$ 8,288.00 \$ 3,500.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,872.00 9,600.00 1,152.00 10,752.00 7,400.00 888.00 8,288.00 3,500.00 420.00
Total Cost X5 SAS Engineering @ 12% Total Cost Engineering @ 12% Total Cost 6" Apron End w/ Gate Engineering @ 12% Total Cost 6" Apron End w/ Gate Engineering @ 12% Total Cost Engineering @ 12% Total Cost Engineering @ 12%		EACH	\$ 4,368.00 \$ 4,800.00 \$ 5,376.00 \$ 7,400.00 \$ 8,288.00 \$ 3,500.00	\$ \$ \$ \$ \$ \$ \$	1,872.00 9,600.00 1,152.00 10,752.00 7,400.00 888.00 8,288.00 3,500.00 420.00
X5 SAS Ingineering @ 12% Total Cost Ingineering @ 12% Total Cost 6" Apron End w/ Gate Ingineering @ 12% Total Cost Ingineering @ 12% Ingineering @ 12%		EACH	\$ 4,800.00 \$ 5,376.00 \$ 7,400.00 \$ 8,288.00 \$ 3,500.00	\$ \$ \$ \$ \$ \$ \$	9,600.0 1,152.0 10,752.0 7,400.0 888.0 8,288.0 3,500.0 420.0
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 Prepared By:
 EEA

 Date:
 12/15/2022

STORM SEWER PLANT VALUE

(Schedule 'A' / Storm Pipes)

Southern Addition to Birchwood Point Phase 5

13852

PIPES				
Description	Quantity	Unit	Unit Cost	Total Cost
12" RCP	206	LF	\$ 48.00	\$ 9,888.00
Engineering @ 12%				\$ 1,186.56
Total Cost			\$ 53.76	\$ 11,074.56
18" RCP	56		\$ 67.00	\$ 3,752.00
Engineering @ 12%				\$ 450.24
Total Cost			\$ 75.04	\$ 4,202.24
21" RCP	973	LF	\$ 60.00	\$ 58,380.00
Engineering @ 12%				\$ 7,005.60
Total Cost			\$ 67.20	\$ 65,385.60
24" RCP	59	LF	\$ 76.00	\$ 4,484.00
Engineering @ 12%				\$ 538.08
Total Cost			\$ 85.12	\$ 5,022.08
30" RCP	30		\$ 97.00	\$ 2,910.00
Engineering @ 12%				\$ 349.20
Total Cost			\$ 108.64	\$ 3,259.20
36" RCP	579	LF	\$ 120.00	\$ 69,480.00
Engineering @ 12%				\$ 8,337.60
Total Cost			\$ 134.40	\$ 77,817.60
Storm Sewer Trench Compaction	1903	TF	\$ 1.00	\$ 1,903.00
Engineering @ 12%				\$ 228.36
Total Cost			\$ 1.12	\$ 2,131.36
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GRAND TOTAL COST				\$ 168,892.64
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Prepared By:	EEA
Date:	12/15/2022