DESIGN, PERMITTING & ADMINISTRATIVE (PHASE I & II)

Revised 2-1-22

Description	Unit Cost	Quantity	Total Cost
A. PLANNING & PRELIMINARY ENGINEERING (Phase I & II)		
Archeology	Complete	1	\$0
Wetlands Delination	Complete	1	\$0
Planning/Conceptual Design (Town/GME)	\$5,000	1	\$5,000
	Preliminary Engineer	ring Subtotal =	\$5,000
B. FINAL DESIGN & PERMITTING (Phase I & II)			
Geotechnical Evaluation	\$5,000	1	\$5,000
ROW Surveying & Underground Utility Locating	\$10,000	1	\$10,000
Engineering & Surveying Easement Assistance (as necessary)	\$5,000	1	\$5,000
Hydraulic Analysis	\$10,000	1	\$10,000
Final Design	\$35,000	1	\$35,000
Water & Sewer Commission Review	\$1,000	1	\$1,000
Richmond Zoning Permits	\$2,000	1	\$2,000
Act 250 Permitting	\$15,000	1	\$15,000
Stream Alteration Permitting	\$5,000	1	\$5,000
Wetlands Permitting	\$5,000	1	\$5,000
Permit to Construct (Water)	\$2,000	1	\$2,000
Permit to Construct (Wastewater)	\$2,000	1	\$2,000
VT AOT Coordination/Permitting	\$3,000	1	\$3,000
	Final Design/ Permitt	ting Subtotal =	\$100,000
ADMINISTRATION (PHASE I & II)			
Permit Fees	\$5,000	1	\$5,000
Legal (Municipal Bond Issuance)	\$3,000	1	\$3,000
Legal (Right of Way Certification & Easements)	\$10,000	1	\$10,000
Survey (Construction & Permanent Easements)	\$5,000	ı	\$5,000
ROW Purchase (placeholder)	\$20,000	ı	\$20,000
Misc.	\$5,000	1	\$5,000
	Administration C	Cost Subtotal =	\$48,000
Design, Permitting & A	Administrative Total =		\$153,000
Contingency (15%) =			\$22,950

Engineers Opinion of Probable Cost for Design, Permitting and Administrative =

\$175,950

Note: GME believies Act 250 will request that they review the entire project priro to issuing a permit. As a result, the assumption is both phases I & II will be required to be permitted at the same time.

WASTEWATER CONSTRUCTION (PHASE I)

Revised 2-1-22

WASTEWATER CONSTRUCTION (PHASE I)				Revised 2-1-22		
Description	Unit	Quantity	Unit Cost	Total Cost		
A. BIDDING/CONSTRUCTION/AWARD (Phase I)						
Contract & Bid Document Preparation	LS	1	\$3,000	\$3,000		
Bidding, Contractor Questions, Bid Review & Recommendation	LS	1	\$5,000	\$5,000		
Bidding/Constr	uction/Awar	d Subtotal =		\$8,000		
B. WASTEWATER CONSTRUCTION (Phase I)						
Surveying & Site Layout	LS	ı	\$5,000	\$5,000		
Site Preparation & Misc.	LS	1	\$10,000	\$10,000		
3" HDPE Force Main	FT	3,600	\$35	\$126,000		
Existing Manhole Coring/Repairs	LS	1	\$1,000	\$1,000		
Pump Station Precast Concrete Tank (Assume 2,000 Gal.)	LS	1	\$20,000	\$20,000		
Pump Station Pumps/Controls/Plumbing	LS	1	\$20,000	\$20,000		
Pump Station Electricity	LS	1	\$10,000	\$10,000		
Backup Generator & Control Panel	LS	1	\$25,000	\$25,000		
Telemetry	LS	1	\$5,000	\$5,000		
B" steeve Under Route 2 - #235 Huntington Road (ft)	FT	40	\$95	\$3,800		
2" Service Stub & Spacers Under Route 2 (#235 Huntington Road)	FT	50	\$100	\$5,000		
Pavement Restoration (where necessary)	LS	1	\$2,000	\$2,000		
*Blasting/Rock Removal	CY	50	\$400	\$20,000		
Landscaping	LS	1	\$10,000	\$10,000		
Erosion Control	LS	1	\$10,000	\$10,000		
Traffic Control & Signage	LS	1	\$30,000	\$30,000		
Excavator for bore pits (assume 1,000' max.)	LS	1	\$5,000	\$5,000		
Mobilization/Demobilization	LS	1	\$30,000	\$30,000		
Bonds	LS	1	\$5,000	\$5,000		
Contingency (10%)	LS	0.10		\$34,280		
Phase I Con	struction Co	st Subtotal =		\$377,080		
C. Construction Phase Services (Phase I)						
Material Approvals/Shop Drawing Reviews	T&M	1	\$4,000	\$4,000		
Project Manager (assume 7 week project)	T&M	1	\$7,500	\$7,500		
Field Engineer (7 week project)	T&M	1	\$27,500	\$27,500		
Record Drawings	LS	1	\$5,000	\$5,000		
Phase I Con	struction Cos	st Subtotal =	-	\$44,000		

Engineers Opinion of Total Probable Construction Costs Phase 1 =

\$429,080

Notes

- 1. Opinion of Probable Cost is based on preliminary phase estimates only. More detailed costs should be developed during Final Design based on actual design quantities and constraints. Prices are based on 2021 cost estimates. It should be noted that material are subject to high variability at thi
- Assumes a limited amount of easement purchase will be required. This assumes cooperative landowners.
- 3. Storage, pumps, alarms, controls and electrical by others.
- 4. Assumes a minimal amount of ledge and large cobbles are encountered during directional drilling.
- 5. "Site Preparation and Misc.". includes miscellaneous equipment to be supplied, temporary offices, clean up and contractors contract administration.

WASTEWATER CONSTRUCTION (PHASE II)

Revised 2-1-22

				Revised 5 1-85
Description	Unit	Quantity	Unit Cost	Total Cost
A. BIDDING/CONSTRUCTION/AWARD (Phase II)				
Contract & Bid Document Preparation	LS	1	\$3,000	\$3,000
Bidding, Contractor Questions, Bid Review & Recommendation	LS	1	\$5,000	\$5,000
Bidding/Cons	struction/Awa	rd Subtotal =		\$8,000
B. WASTEWATER CONSTRUCTION (Phase II)				
Surveying & Site Layout	LS	1	\$5,000	\$5,000
Site Preparation & Misc.	LS	1	\$10,000	
6" PVC Gravity Sewer Line	FT	980	\$45	• •
4' Diam. x 6' Concrete Manhole	EA	4	\$2,000	· ·
3" HDPE Force Main (Directionally Bored)	FT	1,820	\$35	\$63,700
Pre-packed Unit (Include Pumps & Controls)	LS	1	\$7,500	
Pump Station Hookups/Plumbing	LS	1	\$2,000	
Pump Station Electricity	LS	1	\$10,000	· •
Backup Generator & Control Panel	LS	1	\$10,000	
Telemetry	LS	1	\$5,000	
8" sleeve Under Route 2 - #365 Verburg Ln (ft)	FT	40	\$95	
2" Service Stub & Spacers Under Route 2 (#365 Verburg)	FT	50	\$100	\$5,000
8" sleeve Under Route 2 - #1151 West Main Street	FT	40	\$95	\$3,800
2" Service Stub & Spacers Under Route 2 -#1151 West Main Street	FT	50	\$100	\$5,000
Pavement Restoration (where necessary)	LS	1	\$2,000	\$2,000
*Blasting/Rock Removal	CY	50	\$400	\$20,000
Landscaping	LS	1	\$3,000	\$3,000
Erosion Control	LS	1	\$10,000	\$10,000
Traffic Control & Signage	LS	1	\$30,000	\$30,000
Excavator for bore pits (assume 1,000' max.)	LS	1	\$5,000	\$5,000
Mobilization/Demobilization	LS	1	\$30,000	\$30,000
Bonds	LS	1	\$5,000	\$5,000
Contingency (10%)	LS	0.10		\$28,790
Phase II C	onstruction C	ost Subtotal =		\$316,690
C. Construction Phase Services (Phase II)				
Material Approvals/Shop Drawing Reviews	T&M	1	\$3,000 \$3,000 \$5,000 \$5,000 \$5,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$5,000 \$5,000 \$95 \$3,800 \$100 \$5,000 \$95 \$3,800 \$100 \$5,000 \$2,000 \$2,000 \$10,000 \$	
Project Manager (assume 6 week project)	T&M	1	· · · · · · · · · · · · · · · · · · ·	
Field Engineer (6 week project)	T&M	1		
Record Drawings	LS	1		
	onstruction C	ost Subtotal =	·	

Engineers Opinion of Total Probable Phase II Construction Costs =

\$363,690

<u>Notes</u>

- 1. Opinion of Probable Cost is based on preliminary phase estimates only. More detailed costs should be developed during Final Design based on actual design quantities and constraints. Prices are based on 2021 cost estimates. It should be noted that material are subject to high variability at this time.
- 2. Assumes a limited amount of easement purchase will be required. This assumes cooperative landowners.
- 3. Storage, pumps, alarms, controls and electrical by others.
- 4. Assumes a minimal amount of ledge and large cobbles are encountered during directional drilling.
- 5. "Site Preparation and Misc.". includes miscellaneous equipment to be supplied, temporary offices, clean up and contractors contract administration.

ALTERNATE A - 12" WATERLINE CONSTRUCTION (PHASE I)

Revised 2-1-22

ADJERVATE A - 12 WATERDINE CONSTRUCTION (THASE I)								
Description	Unit	Quantity	Unit Cost	Total Cost				
A. BIDDING/CONSTRUCTION/AWARD (Phase I)								
Contract & Bid Document Preparation	LS	- 1	\$3,000	\$3,000				
Bidding, Contractor Questions, Bid Review & Recommendation	LS	i	\$5,000	\$5,000				
Bidding/Const		ard Subtotal =	45,000	\$8,000				
B. CONSTRUCTION (Phase I)								
12" HDPE Water Main	LF	3,600	\$185.00	\$666,000.00				
15" Jack & Bore PVC Sleeve Under Route 2 @ Reap	LF	40	\$225.00	\$9,000.00				
8" PVC Waterline & Sleeve Spacers (Rt 2 Crossing)	LF	150	\$150.00	\$22,500.00				
8" Jack&Bore PVC Sleeve Under Route 2 @ 365 Verburg&1151 W.		1000						
Main	LF	80	\$95.00	\$7,600.00				
3/4" Copper Road Crossing & Spacers for House Services (365 Verburg & 1151 W. Main)	LF	100	\$100.00	\$10,000.00				
3" Waterline for House Services on East Side of Route 2	LF	0	\$35.00	\$0.00				
3/4" Corp. Stops	EACH	2	\$150.00	\$300.00				
3/4" Curb Stops and Boxes	EACH	2	\$200.00	\$400.00				
12" Gate Valve	EACH	1	\$3,000.00	\$3,000.00				
8" Gate Valve (Reap)	EACH	1	\$2,000.00	\$2,000.00				
Fire Hydrant Assembly	EACH	1	\$6,000.00	\$6,000.00				
Blasting/Rock Removal	CY	50	\$400.00	\$20,000,00				
Class "B" Concrete (Thrust Blocks)	CY	15	\$200.00	\$3,000.00				
Landscaping & Re-Establishment of Vegetation	LS	1	\$5,000.00	\$5,000.00				
Excavator for bore pits (assume 300' max.)	LS	1	\$5,000.00	\$5,000.00				
Erosion Control	LS	1	\$5,000.00	\$5,000.00				
Traffic Control & Signage	LS	1	\$30,000.00	\$30,000.00				
Mobilization/Demobilization	LS	1	\$30,000.00	\$30,000.00				
Bonds	LS	1	\$3,750.00	\$3,750.00				
Contingency (10%)	LS	0.10	,	\$82,85 <u>5</u>				
		ion Subtotal =		\$911,405.00				
C. Construction Phase Services (Phase I)								
Material Approvals/Shop Drawing Reviews	T&M	ı	\$4,000	\$4,000				
Project Manager (assume 8 week project)	T&M	ĺ	\$12,000	\$12,000				
Field Engineer (Assume 8 week project)	T&M	1	\$35,000	\$35,000				
Record Drawings	LS	1	\$5,000	\$5,000				
Construction I		ion Subtotal =		\$56,000				

Engineers Opinion of Total Probable Costs for Construction, Documentation & Cert. Phase I =

\$975,405

ALTERNATE A - 12" WATERLINE CONSTRUCTION (PHASE II)

Revised 2-1-22

ALTERNATE A - 12" WATERLINE CONSTRUCTION (PHASE II)									
Description	Unit	Quantity	Unit Cost	Total Cost					
A. BIDDING/CONSTRUCTION/AWARD (Phase II)									
Contract & Bid Document Preparation	LS	1	\$3,000	\$3,000					
Bidding, Contractor Questions, Bid Review & Recommendation	LS	1	\$5,000	<u>\$5,000</u>					
Bidding/Con	nstruction/Av	vard Subtotal =		\$8,000					
B. CONSTRUCTION (Phase II)									
12" HDPE Water Main	LF	1,820	\$185.00	\$336,700.00					
15" Jack & Bore PVC Sleeve Under Route 2 @ Reap	LF	40	\$225.00	\$9,000.00					
8" PVC Waterline & Sleeve Spacers (Rt 2 Crossing @ Mobile)	LF	50	\$100.00	\$5,000.00					
3/4" Copper Road Crossing & Spacers for House Services (365 Verburg & 1151 W. Main)	LF	0	\$100.00	\$0.00					
3" Waterline for House Services on East Side of Route 2	LF	1,100	\$35.00	\$38,500.00					
3/4" Corp. Stops	EACH	10	\$150.00	\$1,500.00					
3/4" Curb Stops and Boxes	EACH	10	\$200.00	\$2,000.00					
12" Gate Valve	EACH	1	\$3,000.00	\$3,000.00					
8" Gate Valve (Reap)	EACH	0	\$2,000.00	\$0.00					
Fire Hydrant Assembly	EACH	2	\$6,000.00	\$12,000.00					
Blasting/Rock Removal	CY	50	\$400.00	\$20,000.00					
Class "B" Concrete (Thrust Blocks)	CY	15	\$200.00	\$3,000.00					
Landscaping & Re-Establishment of Vegetation	LS	1	\$5,000.00	\$5,000.00					
Excavator for bore pits (assume 300' max.)	LS	1	\$5,000.00	\$5,000.00					
Erosion Control	LS	1	\$5,000.00	\$5,000.00					
Traffic Control & Signage	LS	1	\$30,000.00	\$30,000.00					
Mobilization/Demobilization	LS	1	\$30,000.00	\$30,000.00					
Bonds	LS	1	\$3,750.00	\$3,750.00					
Contingency (10%)	LS	0.10		\$50,945					
	Construc	tion Subtotal =		\$560,395.00					
C. Construction Phase Services (Phase II)									
Material Approvals/Shop Drawing Reviews	T&M	1	\$4,000	\$4,000					
Project Manager (assume 8 week project)	T&M	1	\$12,000	\$12,000					
Field Engineer (Assume 8 week project)	T&M	1	\$35,000	\$35,000					
Record Drawings	LS	1	\$5,000	\$5,000					
Constructio	n Documenta	tion Subtotal =		\$56,000					

Engineers Opinion of Total Probable Costs for Construction, Documentation & Cert. Phase II =

\$624,395

ALTERNATE B - 4" WATERLINE CONSTRUCTION (PHASE I)

Revised 2-1-22

The state of the s							
Description	Unit	Quantity	Unit Cost	Total Cost			
A. BIDDING/CONSTRUCTION/AWARD (Phase I)							
Contract & Bid Document Preparation	LS	1	\$3,000	\$3,000			
Bidding, Contractor Questions, Bid Review & Recommendation	LS	1	\$5,000	\$5, <u>000</u>			
Bidding/Constru	uction/Awa	rd Subtotal =		\$8,000			
B. CONSTRUCTION (Phase I)							
4" HDPE Water Main	LF	3,600	\$45.00	\$162,000.00			
10" Jack & Bore PVC Sleeve Under Route 2 @ Reap	LF	40	\$120.00	\$4,800.00			
3" HDPE Waterline & Sleeve Spacers (Rt 2 Crossing @ Reap Property)	LF	50	\$75.00	\$3,750.00			
3" HDPE Waterline for House Services East Side of Route 2	LF	0	\$35.00	\$0.00			
8" Jack&Bore PVC Sleeve Under Route 2 @ 365 Verburg&1151 W.	LF	90	£0.5.00				
Main	LF	80	\$95.00	\$7,600.00			
3/4" Copper Road Crossing & Spacers for House Services (365 Verburg & 1151 W. Main)	LF	100	\$100.00	\$10,000.00			
3/4" Corp. Stops	EACH	2	\$150.00	\$300.00			
3/4" Curb Stops and Boxes	EACH	2	\$200.00	\$400.00			
4" Gate Valve	EACH	2	\$1,000.00	\$2,000.00			
8" Gate Valve (Reap)	EACH	0	\$2,000.00	\$0.00			
Fire Hydrant Assembly	EACH	0	\$6,000.00	\$0.00			
Blasting/Rock Removal	CY	50	\$400.00	\$20,000.00			
Class "B" Concrete (Thrust Blocks)	CY	15	\$200.00	\$3,000.00			
Landscaping & Re-Establishment of Vegetation	LS	1	\$5,000.00	\$5,000.00			
Excavator for bore pits (assume 1000' max.)	LS	1	\$5,000.00	\$5,000.00			
Erosion Control	LS	1	\$5,000.00	\$5,000.00			
Traffic Control & Signage	LS	1	\$30,000.00	\$30,000.00			
Mobilization/Demobilization	LS	1	\$30,000.00	\$30,000.00			
Bonds	LS	1	\$3,750.00	\$3,750.00			
Contingency (10%)	LS	0.10		\$29,260			
	Constructi	on Subtotal =		\$321,860.00			
C. Construction Phase Services (Phase I)							
Material Approvals/Shop Drawing Reviews	T&M	1	\$4,000	\$4,000			
Project Manager (assume 8 week project)	T&M	t	\$12,000	\$12,000			
Field Engineer (Assume 8 week project)	T&M	1	\$35,000	\$35,000			
Record Drawings	LS	1	\$5,000	\$5,000			
Construction Do	ocumentati	on Subtotal =		\$56,000			

Engineers Opinion of Total Probable Costs for Construction, Documentation & Cert. Phase I =

\$385,860

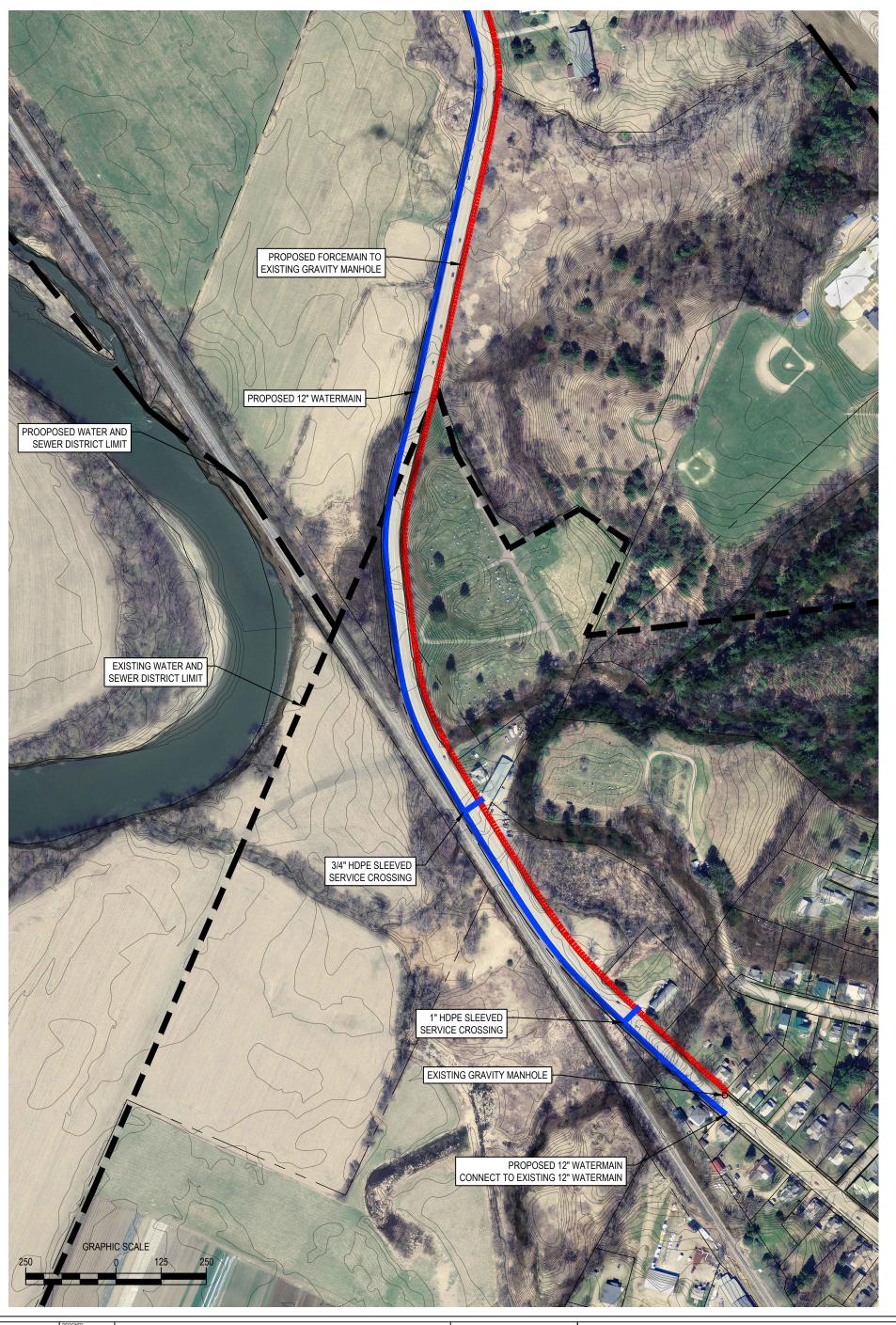
ALTERNATE B - 4" WATERLINE CONSTRUCTION (PHASE II)

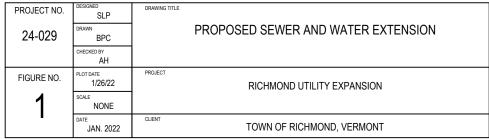
Revised 2-1-22

Market Market Construction (Final II)							
Description	Unit	Quantity	Unit Cost	Total Cost			
A. BIDDING/CONSTRUCTION/AWARD (Phase II)	-						
Contract & Bid Document Preparation	LS	1	\$3,000	\$3,000			
Bidding, Contractor Questions, Bid Review & Recommendation	LS	1	\$5,000	<u>\$5,000</u>			
Bidding/Constr	uction/Awa	rd Subtotal =		\$8,000			
B. CONSTRUCTION (Phase II)							
4" HDPE Water Main	LF	1,820	\$45.00	\$81,900.00			
8" Jack & Bore PVC Sleeve Under Route 2 @ Mobile Station	LF	40	\$95.00	\$3,800.00			
I" HDPE Waterline & Sleeve Spacers (Rt 2 Crossing @ Reap Property)	LF	50	\$75.00	\$3,750.00			
3" HDPE Waterline for House Services East Side of Route 2	LF	1,100	\$35.00	\$38,500.00			
1" Corp. Stops	EACH	1	\$150.00	\$150.00			
1 " Curb Stops and Boxes	EACH	1	\$200.00	\$200.00			
4" Gate Valve	EACH	t	\$1,000.00	\$1,000.00			
Fire Hydrant Assembly	EACH	0	\$6,000.00	\$0.00			
Blasting/Rock Removal	CY	50	\$400.00	\$20,000.00			
Class "B" Concrete (Thrust Blocks)	CY	15	\$200.00	\$3,000.00			
Landscaping & Re-Establishment of Vegetation	LS	1	\$5,000.00	\$5,000.00			
Excavator for bore pits (assume 1,000' max.)	LS	1	\$5,000.00	\$5,000.00			
Erosion Control	LS	1	\$5,000.00	\$5,000.00			
Traffic Control & Signage	LS	1	\$30,000.00	\$30,000.00			
Mobilization/Demobilization	LS	1	\$30,000.00	\$30,000.00			
Bonds	LS	1	\$3,750.00	\$3,750.00			
Contingency (10%)	LS	0.10		\$23,105			
	Constructi	on Subtotal =		\$254,155.00			
C. Construction Phase Services (Phase II)							
Material Approvals/Shop Drawing Reviews	Т&М	1	\$4,000	\$4,000			
Project Manager (assume 8 week project)	T&M	1	\$12,000	\$12,000 \$12,000			
Field Engineer (Assume 8 week project)	T&M	1	\$35,000	\$35,000			
Record Drawings	LS	1	\$5,000	\$5,000			
Construction D	ocumentati	on Subtotal =		\$56,000			

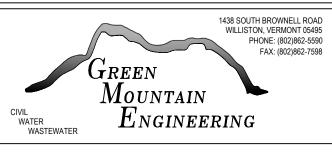
Engineers Opinion of Total Probable Costs for Construction, Documentation & Cert. Phase II =

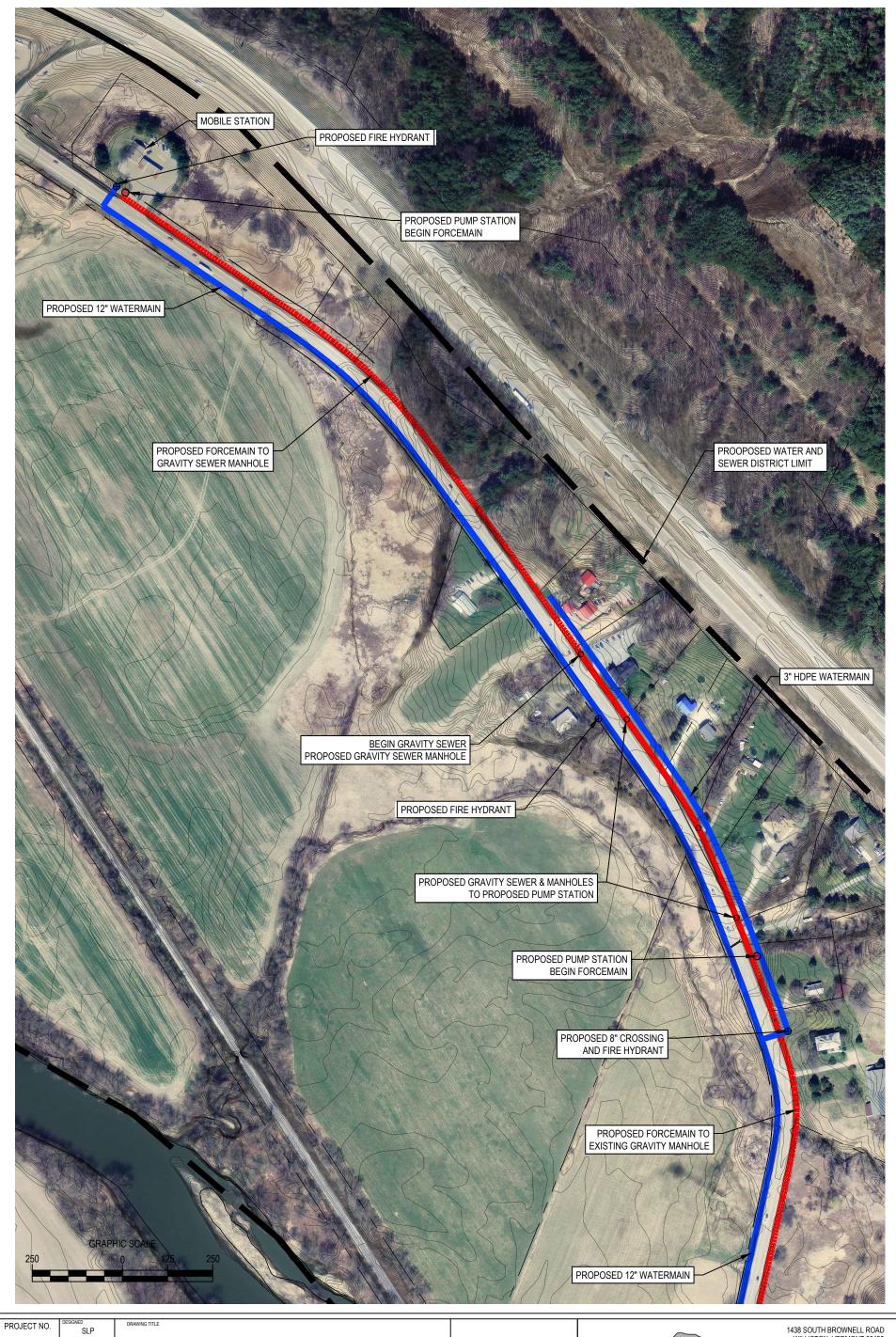
\$318,155

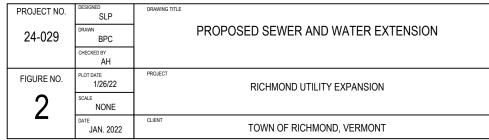




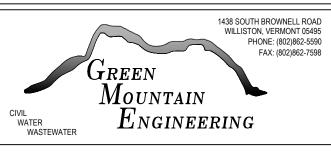












Table_ Town of Richmond, Vermont **West Main Street Sewer Expansion Estimated Wastewater Flow Demand**

Phase I (222 West Main to Reap Property @ 840 West Main)

Address/ Description	Lot Size	Current Use	Current # Units	Flow Basis	Current Permitted Unit Flow	Total Current Flow (gpd)	Future Use	Future # Units	Flow Basis	Future Permitted Unit Flow	Total Future Flow (gpd)	
282 West Main	1.01	Duplex	2	gpd/Unit	100	200	Duplex	2	gpd/Unit	100	200	
350 West Main	1.9	Vacant - Wetland	0	gpd	0	0	Vacant - Wetland	0	gpd	0	0	
434 West Main	1.1	Single Family Home	1	gpd/unit	100	100	Single Family Home	1	gpd/unit	100	100	
No Address	+- 0.5	Cemetary	0	gpd	0	0	Cemetary	0	gpd	0	0	
600 West Main	4.0	Cemetary	0	gpd	0	0	Cemetary	0	gpd	0	0	
650 West Main	20.2	Richmond Land Trust	0	gpd	0	0	Richmond Land Trust	0	gpd	0	0	
	1.0	Lot 1 - Main Office Bldg	42	gpd/empl.	15	630	Main Office Bldg	42	gpd/empl.	15	630	
35 Willis Farm Road		Lot 2 - Shop	0	gpd	0	0	Shop/Apartments	1	gpd	500	500	
(Reap)		Lot 3 - Vacant	0	gpd	0	0	Restaurant/Brewery	1	gpd	3,000	3,000	
		Lot 4 - Vacant	0	gpd	0	0	Office/Shop	1	gpd	500	500	
		Lot 5 - Kerry Walker Vacant	0	gpd	0	0	Yoga & Office Bldg	1	gpd	500	500	
878 W. Main	0.85	Single Family Home	1	gpd/unit	100	100	Single Family Home	3	gpd/unit	100	300	м
231 Huntington Rd	402.54	Vacant - Farmland	0	gpd	0	0	Special Flood Hazard Area	1	gpd	100	100	Р

Total Flow = 1,030 5,830 Total Flow =

Phase II (840 West Main St. to 1436 West Main - Mobil Gas Station)

Address/ Description	Lot Size	Current Use	Current # Units	Flow Basis	Current Permitted Unit Flow	Total Current Flow (gpd)		Future Use	Future # Units	Flow Basis	Future Permitted Unit Flow	Total Future Flow (gpd)
920 W. Main	2.4	Single Family Home/Home Business	1	gpd/unit	100	100		Multi-Family	9	gpd/unit	100	900
932 W. Main	2.15	Single Family Home/Home Business	1	gpd/unit	100	100		Multi-Family	8	gpd/unit	100	800
978 W. Main	1.1	Single Family Home	1	gpd/unit	100	100	1	Multi-Family	4	gpd/unit	100	400
1010 W. Main	1	Duplex	2	gpd/unit	100	200	11	Multi-Family	4	gpd/Unit	100	400
1012 W. Main	1	Duplex	2	gpd/unit	100	200	1 1	Multi-Family	4	gpd/Unit	100	400
1070 W. Main	1.36	Office Building	20	gpd/empl.	15	300	1	Multi-Family	5	gpd/Unit	100	500
		Dog Day Care Empl.	8	gpd/empl.	15	120	1 1	Employees	8	gpd/empl.	15	120
1108 W. Main	1.35	kennels	40	gpd/kennel	25	1,000		kennels	40	gpd/kennel	25	1,000
		Grooming Station	1	gpd/station	400	400		Grooming Station	1	gpd/station	400	400
		Single Family Home	1	gpd/unit	100	100	1	Single Family Home	1	gpd/unit	100	100
1151 W. Main		Chiropractor	3	gpd/empl.	35	105		Chiropractor	3	gpd/empl.	35	105
		Chiropractor	16	gpd/empl.	10	160		Chiropractor	16	gpd/empl.	10	160
360 Governor Peck	167	Vacant - both sides of I-89	0	gpd	0	0		Single Family Home	2	gpd	100	200
1324 W. Main	0.6	Vacant -High Voltage Power	0	gpd	0	0		Power/Flood Plain	0	gpd/unit	100	0
1436 W. Main		1st Pump Set	1	gpd/pump	500	500		1st Pump Set	1	gpd/pump	500	500
Mobil Gas Station	4.5	Additional Pump Sets	3	gpd/pump	300	900		Additional Pump Sets	3	gpd/pump	300	900
		Employees	6	gpd/empl.	15	90] [Employees	6	gpd/empl.	15	90
365 Verburg, LN	284.66	Vacant Farmland	0	gpd	0	0	Ιſ	Vacant Farmland	0	gpd	1,000	0

a small portion along Rt. 2 al Flood Hazard Area al Flood Hazard Area al Flood Hazard Area al Flood Hazard Area portion not in Special Flood Hazard Area

Total Flow =

4,375

Total Flow =

6,975