

25 WEBSTER STREET – WATER & SEWER

Attached, please find a request from the Town Engineer for the Planning Board to the establishment of a bond relative to the Water and Sewer at Davey Way, Hudson NH. The request is to establish a bond in the amount of \$110,171.00.

SITE: 25 Webster Street – Map 187/Lot 001-001

ATTACHMENTS:

- A. Memorandum from Elvis Dhima, dated June 27, 2024 – Attachment “A”
- B. Town of Hudson, NH Road Guarantee Estimate Form for On-Site Work dated June 27, 2024 – Attachment “B”

DRAFT MOTION

I move to approve a bond amount of \$110,171.00 relative to the water and sewer improvements at Davey Way, Map 187/Lot 001-001 as presented in the memorandum from the Town Engineer, Elvis Dhima, to Jay Minkarah, Interim Town Planner, dated June 27, 2024, together with the Road Guarantee Estimate Form.

Motion by: _____ Second: _____ Carried/Failed: _____



TOWN OF HUDSON

Engineering Department



12 School Street • Hudson, New Hampshire 03051 • Tel: 603-886-6008 • Fax: 603-594-1142

INTEROFFICE MEMORANDUM

TO: Jay Minkarah, Acting Town Planner
Planning Department

FROM: Elvis Dhima P.E., Town Engineer

DATE: June 27, 2024

RE: 25 Webster Street Development – Water and Sewer

The applicant's Engineer has submitted the bond amount for the necessary work for the project listed above.

The amount were reviewed, revised, resubmitted and approved by the Engineering Department.

The total amount for the onsite improvements is \$110,171 and is recommend for Planning Board's approval.

TOWN OF HUDSON, NH ROAD GUARANTEE ESTIMATE FORM

I hereby certify that, in addition to any work already completed, the following itemized statement and estimate unit costs will complete all improvements required by the Hudson, NH Planning Board for the following Streets:

Owner/Developer Name: Tumpney, Hurd, Clegg LLC

Date: 6/27/24

Project Name: 25 Webster St

Map: 187

Lot: 001-01

Street Name: Davey Way Street Length: 250'

	Amount			Total	Bond Remaini
Clearing, 50' width	A.C.	@	\$ 10,000.00	= \$ -	
Excavation	C.Y.	@	\$ 20.00	=	
Ledge Removal Mass	C.Y.	@	\$ 55.00	=	
Trench Ledge	C.Y.	@	\$ 75.00	=	
Drainage Swales	L.F.	@	\$ 15.00	=	
Drainage Swale w/Riprap	L.F.	@	\$ 15.00	=	
Hay Bale Dike	EA	@	\$ 5.00	=	
Silt Fence	L.F.	@	\$ 5.00	= \$ -	
Storm Drains Size/Type					
12" RCP	L.F.	@	\$ 100.00	=	
12" HDPE	L.F.	@	\$ 75.00	= \$ -	
15" RCP	L.F.	@	\$ 125.00	=	
15" HDPE	L.F.	@	\$ 85.00	= \$ -	
18" RCP	L.F.	@	\$ 150.00	=	
21" RCP	L.F.	@	\$ 175.00	=	
24" RCP	L.F.	@	\$ 200.00	=	
30" RCP	L.F.	@	\$ 225.00	=	
36" RCP	L.F.	@	\$ 250.00	=	
6" PVC	L.F.	@	\$ 50.00	=	
Stormtech Systems	U	@		= \$ -	
6" Underdrain	L.F.	@	\$ 50.00	=	
8" Underdrain	L.F.	@	\$ 60.00	=	
Additional Excavation for Structures	C.Y.	@	\$ 15.00	=	
Catch Basin Grate	U	@	\$ 1,000.00	= \$ -	
4' Catch Basins	V.F.	@	\$ 500.00	=	
5' Catch Basins	V.F.	@	\$ 750.00	= \$ -	
4' Drain Manholes	V.F.	@	\$ 500.00	= \$ -	
5' Drain Manholes	V.F.	@	\$ 750.00	= \$ -	
Drainage Manhole Covers	U	@	\$ 800.00	= \$ -	
Headwalls	EA.	@	\$ 1,500.00	= \$ -	
Rip-Rap	S.Y.	@	\$ 75.00	= \$ -	

Town of Hudson Road Guarantee Estimate

Subdivision Name: 25 Webster St

Total

Bond Remain

Sanitary Sewer Size							
6" PVC Service Connection	L.F.	@	\$	30.00	=	\$	-
8" PVC							
0' - 12' Depth	255	L.F.	@	\$	100.00	=	\$ 25,500 -
12' - 18' Depth		L.F.	@	\$	110.00	=	
10" PVC		L.F.	@	\$	125.00	=	
Sewer Manhole Grate and Cover		U	@	\$	750.00	=	
Sanitary Sewer Manholes 4' dia.	19	V.F.	@	\$	450.00	=	\$ 8550 -
Sanitary Sewer Manholes 5' dia.		V.F.	@	\$	550.00	=	
Service Cleanout		EA.	@	\$	350.00	=	\$ -
Sewer Manhole Covers	2	U	@	\$	800.00	=	\$ 1600 -
Water Main Size (valves included)							
4" DIP Class 52		L.F.	@	\$	100.00	=	
6" DIP Class 52		L.F.	@	\$	100.00	=	
8" DIP Class 52	300	L.F.	@	\$	100.00	=	\$ 30,000 -
10" DIP Class 52		L.F.	@	\$	125.00	=	
12" DIP Class 52		L.F.	@	\$	150.00	=	
T/S&V		L.F.	@	\$	4,000.00	=	
Hydrants	1	EA	@	\$	5,000.00	=	\$ 5,000 -
1" Copper Service (stops included)	4	EA.	@	\$	750.00	=	\$ 3,000 -
Bank Run Gravel		C.Y.	@	\$	30.00	=	\$ -
Crushed Bank Run Gravel		C.Y.	@	\$	35.00	=	\$ -
Sand Cushion		C.Y.	@	\$	40.00	=	
Hot Bituminous Pavement 28' width							
2 1/2" or 2" Base Course		TONS	@	\$	110.00	=	\$ -
1 1/2" Wearing Course Type F		TONS	@	\$	125.00	=	\$ -
Other			@			=	
Tack Coat		GAL	@	\$	50.00	=	\$ -
Curbing							
Granite		L.F.	@	\$	65.00	=	\$ -
Cape Cod		L.F.	@	\$	35.00	=	
Street Light & Foundation		U	@	\$	2,000.00	=	
Sidewalks							
5' Wide bituminous		S.Y.	@	\$	75.00	=	\$ -
Loam and Seed							
Easement areas		L.F.	@	\$	15.00	=	
R.O.W. areas		L.F.	@	\$	15.00	=	\$ -
Wetland Boundary Markers		U	@	\$	250.00	=	\$ -

Town of Hudson Road Guarantee Estimate

Subdivision Name: 25 Webster St

							Total	Bond Remain
Bounds and Pins								
Property Pins	7	EA.	@	\$	350.00	=	\$ 2450 -	
Road Bounds	16	EA.	@	\$	500.00	=	\$ 8,000 -	
Stop Signs		EA.	@	\$	200.00	=	\$ -	
Street Signs		EA.	@	\$	200.00	=	\$ -	
As-Built Plans		L.F.	@	\$	15.00	=	\$ -	
Landscaping								
Trees		EA.	@	\$	500.00	=	\$ -	
Bushes		EA.	@	\$	250.00	=	\$ -	
Guard Rails		L.F.	@	\$	100.00	=	\$ -	
Utility Trench (Elec/Tel/TV)		L.F.	@	\$	50.00	=	\$ -	
Other required improvements (itemize on separate sheet)		S.F.	@	\$	\$1.00	=	\$ -	
Subtotal:							\$ 84,100 -	
Mobilization (10% subtotal):							\$ 8410 -	
Engineering & Contingencies (10% subtotal):							\$ 9251 -	
Total Estimate							\$ 101,761 -	
Maintenance Level (10% of the Original Amount):							\$ 8410 -	
Total Estimate:							\$ 110,171 -	

Prepares Name: Michael J. HangerDate: 6/27/24