

BOND ESTABLISHMENT REQUEST
48 FRIARS DRIVE – ON-SITE & LOWELL RD.
SLIP LANE IMPROVEMENTS

Attached, please find a request from the Town Engineer for the Planning Board to the establishment of a bond relative to the On-Site and Lowell Road Slip Lane Construction at 48 Friars Drive, Hudson NH. The request is to establish a bond in the amount of \$1,138,122.00.

SITE: 48 Friars Drive – Map 209/Lot 001-000

ATTACHMENTS:

- A. Memorandum from Elvis Dhima, dated January 25, 2024 – Attachment “A”
- B. Email from Elvis Dhima, dated January 25, 2024 – Attachment “B”
- C. Town of Hudson, NH Road Guarantee Estimate Form for On-Site Work dated January 24, 2024 – Attachment “C”
- D. Town of Hudson, NH Road Guarantee Estimate Form for Lowell Rd. Slip Lane dated January 24, 2024 – Attachment “D”

DRAFT MOTION

I move to approve a bond amount of \$1,138,122.00 relative to the On-Site and Lowell Road Slip Lane Construction at 48 Friars Drive, Map 209/Lot 001-000 as presented in the memorandum from the Town Engineer, Elvis Dhima, to Jay Minkarah, Interim Town Planner, dated January 25, 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: 1/25/2024

RE: 48 Friar Drive - On site and Lowell Road Slip Lane Bond

This bond request is related to the current Planning Board review for site plan amendment. The applicant's Engineer has submitted a bond request for the remaining of the work related to on site improvements and Lowell Road slip lane construction that will not be completed prior to issuing a certificate of occupancy, pending Planning Board approval.

The bond estimate was reviewed, revised and approved by the Engineering Department for the total amount of **\$1,138,122**.

Dubowik, Brooke

From: Dhima, Elvis
Sent: Thursday, January 25, 2024 12:41 PM
To: Dubowik, Brooke
Cc: Kirkland, Donald; Morgan Hollis; Jay Minkarah; Hebert, David; Gene Sullivan; Hayley Palazola
Subject: RE: 48 Friars Drive Bond Estimates- On Site & Off Site Slip Lane
Attachments: Bond Estimate - On Site.pdf; Bond Estimate - Slip Lane.pdf; PB Memo - Bond for onsite and Lowell Road Slip Lane.pdf

Brooke

This is all set for PB consideration and should be reviewed for approval only if the PB approves the relief first

E

*Elvis Dhima, P.E.
Town Engineer*

12 School Street
Hudson, NH 03051
Phone: (603) 886-6008
Mobile: (603) 318-8286



From: Gene Sullivan <etspe@outlook.com>
Sent: Thursday, January 25, 2024 11:08 AM
To: Dhima, Elvis <edhima@hudsonnh.gov>; Hayley Palazola <hpalazola@gfipartners.com>
Cc: Kirkland, Donald <dkirkland@hudsonnh.gov>; Dubowik, Brooke <bdubowik@hudsonnh.gov>; Morgan Hollis <mhollis@nh-lawyers.com>; Jay Minkarah <JayM@nashuarpc.org>; Hebert, David <dhebert@hudsonnh.gov>
Subject: RE: 48 Friars Drive Bond Estimates- On Site & Off Site Slip Lane

EXTERNAL: Do not open attachments or click links unless you recognize and trust the sender.

Elvis- I added the striping and signage into the onsite portion.

There is a second tab for the slip only costs.

Be Well.

Gene Sullivan, P.E.
President
Eugene T. Sullivan, Inc.



From: Dhima, Elvis <edhima@hudsonnh.gov>
Sent: Thursday, January 25, 2024 10:07 AM
To: Hayley Palazola <hpalazola@gfipartners.com>
Cc: Kirkland, Donald <dkirkland@hudsonnh.gov>; Dubowik, Brooke <bdubowik@hudsonnh.gov>; Gene Sullivan <etspe@outlook.com>; Morgan Hollis <mhollis@nh-lawyers.com>; Jay Minkarah <JayM@nashuarpc.org>; Hebert, David <dhebert@hudsonnh.gov>
Subject: RE: 48 Friars Drive Bond Estimates- On Site & Off Site Slip Lane

Thank you Hayley

The spreadsheet appears to only include onsite items , which appear reasonable

You will need to include pavement markings to your onsite portion

The main thing is that I don't see items related to Lowell Road slip lane construction (gravel crushed, gravel and so on)

E

Elvis Dhima, P.E.
Town Engineer

12 School Street
Hudson, NH 03051
Phone: (603) 886-6008
Mobile: (603) 318-8286



From: Hayley Palazola <hpalazola@gfipartners.com>
Sent: Thursday, January 25, 2024 9:13 AM
To: Dhima, Elvis <edhima@hudsonnh.gov>
Cc: Kirkland, Donald <dkirkland@hudsonnh.gov>; Dubowik, Brooke <bdubowik@hudsonnh.gov>; Gene Sullivan <etspe@outlook.com>; Morgan Hollis <mhollis@nh-lawyers.com>; Jay Minkarah <JayM@nashuarpc.org>; Hebert, David <dhebert@hudsonnh.gov>
Subject: RE: 48 Friars Drive Bond Estimates- On Site & Off Site Slip Lane

EXTERNAL: Do not open attachments or click links unless you recognize and trust the sender.

Good Morning, Elvis,

Based on our discussions yesterday, we have revised to pulled out all curbing and sidewalks from the bond estimates. Updated version attached.

Thank you!
Hayley

From: Dhima, Elvis <edhima@hudsonnh.gov>
Sent: Wednesday, January 24, 2024 3:52 PM
To: Hayley Palazola <hpalazola@gfipartners.com>
Cc: Kirkland, Donald <dkirkland@hudsonnh.gov>; Dubowik, Brooke <bdubowik@hudsonnh.gov>; Gene Sullivan <etspe@outlook.com>; Morgan Hollis <mhollis@nh-lawyers.com>; Jay Minkarah <JayM@nashuarpc.org>; Hebert, David <dhebert@hudsonnh.gov>
Subject: RE: 48 Friars Drive Bond Estimates- On Site & Off Site Slip Lane

Hayley

The sidewalk and curb will need to be completed prior to CO , it has to do with handicap access and access to the building

ENG and BLDG Dep will not support this, as is now

Previous discussions have been related to landscape , final pavement, pavement markings at the site and Lowell Road slip lane.

E

Elvis Dhima, P.E.
Town Engineer

12 School Street
Hudson, NH 03051
Phone: (603) 886-6008
Mobile: (603) 318-8286



From: Hayley Palazola <hpalazola@gfipartners.com>
Sent: Tuesday, January 23, 2024 11:42 AM
To: Dhima, Elvis <edhima@hudsonnh.gov>
Cc: Kirkland, Donald <dkirkland@hudsonnh.gov>; Dubowik, Brooke <bdubowik@hudsonnh.gov>; Gene Sullivan <etspe@outlook.com>; Morgan Hollis <mhollis@nh-lawyers.com>
Subject: 48 Friars Drive Bond Estimates- On Site & Off Site Slip Lane

EXTERNAL: Do not open attachments or click links unless you recognize and trust the sender.

Elvis,

As discussed this morning, attached please find the bond estimates for both the on-site work and a separate tab for the bond estimates of the off-site improvements.

We look forward to your feedback.

**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: LOWELL ROAD PROPERTY OWNER, LCC

Date: January 24, 2024

Project Name: Industrial Building- Onsite Work to be Completed

Map: 209

Lot: 001

Street Name: 48 Friars Drive

Street Length: _____ On Site

	Amount		Total	Bond Remaining	Date
Clearing, 50' width	A.C.	@ \$ 8,000.00 =	\$ -	_____	_____
Excavation	C.Y.	@ \$ 15.00 =	_____	_____	_____
Ledge Removal Mass	C.Y.	@ \$ 45.00 =	_____	_____	_____
Trench Ledge	C.Y.	@ \$ 65.00 =	_____	_____	_____
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.	@ \$ 55.00 =	_____	_____	_____
12" HDPE	L.F.	@ \$ 50.00 =	\$ -	_____	_____
15" RCP	L.F.	@ \$ 70.00 =	_____	_____	_____
15" HDPE	L.F.	@ \$ 65.00 =	\$ -	_____	_____
18" RCP	L.F.	@ \$ 48.00 =	_____	_____	_____
21" RCP	L.F.	@ \$ 50.00 =	_____	_____	_____
24" RCP	L.F.	@ \$ 60.00 =	_____	_____	_____
30" RCP	L.F.	@ \$ 70.00 =	_____	_____	_____
36" RCP	L.F.	@ \$ 90.00 =	_____	_____	_____
6" PVC	L.F.	@ \$30.00 =	_____	_____	_____
Stormtech Systems	U	@ \$85,000.00 =	\$ -	_____	_____
6" Underdrain	L.F.	@ \$ 25.00 =	_____	_____	_____
8" Underdrain	L.F.	@ \$ 30.00 =	_____	_____	_____
Additional Excavation for Structures	C.Y.	@ \$ 15.00 =	_____	_____	_____
Catch Basin Grate	U	@ \$ 1,000.00 =	\$ -	_____	_____
4' Catch Basins	V.F.	@ \$ 400.00 =	_____	_____	_____
5' Catch Basins	V.F.	@ \$ 500.00 =	\$ -	_____	_____
4' Drain Manholes	V.F.	@ \$ 500.00 =	\$ -	_____	_____
5' Drain Manholes	V.F.	@ \$ 550.00 =	\$ -	_____	_____
Drainage Manhole Covers	U	@ \$ 800.00 =	\$ -	_____	_____
Headwalls	EA	@ \$ 1,500.00 =	\$ -	_____	_____
Rip-Rap	S.Y.	@ \$ 50.00 =	\$ -	_____	_____

Subdivision Name: _____

				Total	Bond Remaining	Date
Sanitary Sewer Size						
6" PVC Service Connection	L.F.	@	\$ 30.00	= \$ -	_____	_____
8" PVC						
0' - 12' Depth	L.F.	@	\$ 80.00	= \$ -	_____	_____
12' - 18' Depth	L.F.	@	\$ 90.00	=	_____	_____
10" PVC	L.F.	@	\$ 95.00	=	_____	_____
Sewer Manhole Grate and Cover	U	@	\$ 750.00	=	_____	_____
Sanitary Sewer Manholes 4' dia.	V.F.	@	\$ 450.00	= \$ -	_____	_____
Sanitary Sewer Manholes 5' dia.	V.F.	@	\$ 550.00	=	_____	_____
Service Cleanout	EA.	@	\$ 350.00	= \$ -	_____	_____
Sewer Manhole Covers	U	@	\$ 800.00	= \$ -	_____	_____
Water Main Size (valves included)						
4" DIP Class 52	L.F.	@	\$ 65.00	=	_____	_____
6" DIP Class 52	L.F.	@	\$ 75.00	=	_____	_____
8" DIP Class 52	L.F.	@	\$ 85.00	= \$ -	_____	_____
10" DIP Class 52	L.F.	@	\$ 95.00	=	_____	_____
12" DIP Class 52	L.F.	@	\$ 105.00	=	_____	_____
T/S&V	L.F.	@	\$4,000.00	=	_____	_____
Hydrants	EA	@	\$ 5,000.00	= \$ -	_____	_____
1" Copper Service (stops included)	EA.	@	\$ 500.00	= \$ -	_____	_____
Bank Run Gravel	C.Y.	@	\$ 25.00	= \$ -	_____	_____
Crushed Bank Run Gravel	C.Y.	@	\$ 30.00	= \$ -	_____	_____
Sand Cushion	C.Y.	@	\$30.00	=	_____	_____
Hot Bituminous Pavement 28' width						
2 1/2" or 2" Base Course	TONS	@	\$ 100.00	= \$ -	_____	_____
1 1/2" Wearing Course Type F	4800 TONS	@	\$ 110.00	= \$ 528,000.00	_____	_____
_____ Other		@		=	_____	_____
Tack Coat	GAL	@	\$ 50.00	= \$ -	_____	_____
Curbing						
Extruded	0	L.F.	@	\$ 50.00	= \$ -	_____
Cape Cod		L.F.	@	\$ 30.00	= \$ -	_____
Street Light & Foundation		U	@	\$ 2,000.00	=	_____
Sidewalks						
5' Wide bituminous	0	S.Y.	@	\$ 75.00	= \$ -	_____
Loam and Seed				\$ 75,000.00		
Easement areas	L.F.	@	\$ 10.00	=	_____	_____
R.O.W. areas	L.F.	@	\$ 10.00	= \$ -	_____	_____
Wetland Boundary Markers	U	@	\$ 250.00	= \$ -	_____	_____

Subdivision Name: _____

					Total	Bond Remaining	Date
Bounds and Pins							
Property Pins	EA.	@	\$ 350.00 =	\$	-	_____	_____
Road Bounds	EA.	@	\$ 500.00 =	\$	-	_____	_____
Sigange and Striping					\$ 24,535.00		
Stop Signs	EA.	@	\$ 200.00 =	\$	-	_____	_____
Street Signs	EA.	@	\$ 200.00 =	\$	-	_____	_____
As-Built Plans	L.F.	@	\$ 10.00 =	\$	20,000.00	_____	_____
Landscaping					\$ 175,000.00		
Trees	EA.	@	\$ 400.00 =	\$	-	_____	_____
Bushes	EA.	@	\$ 250.00 =			_____	_____
Guard Rails	L.F.	@	\$ 60.00 =			_____	_____
Utility Trench (Elec/Tel/TV)	L.F.	@	\$50.00 =	\$	-	_____	_____
Other required improvements (itemize on separate sheet)	S.F.	@	\$1.00 =			_____	_____
					Subtotal:		
					\$ 822,535.00	_____	_____
					Mobilization (10% subtotal):		
					\$ 82,253.50	_____	_____
					Engineering & Contingencies (10% subtotal):		
					\$ 82,253.50	_____	_____
					Total Estimate		
					\$ 987,042.00	_____	_____
					Maintenance Level (10% of the Original Amount):		
					\$ 98,704.20	_____	_____
					Total Estimate:		
					\$ 987,042.00	_____	_____

Prepares Name: _____ Date: _____

Prepared 1/25/24

**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: LOWELL ROAD PROPERTY OWNER, LCC

Date: January 24, 2024

Project Name: SLIP LANE ON LOWELL ROAD

Map: 209

Lot: 001

Street Name: 48 Friars Drive

Street Length: _____

	Amount				Total	Bond Remaining	Date
Clearing, 50' width		A.C.	@	\$ 8,000.00 =	\$ -	_____	_____
Excavation		C.Y.	@	\$ 15.00 =	_____	_____	_____
Ledge Removal Mass		C.Y.	@	\$ 45.00 =	_____	_____	_____
Trench Ledge		C.Y.	@	\$ 65.00 =	_____	_____	_____
Drainage Swales		L.F.	@	\$ 15.00 =	_____	_____	_____
Drainage Swale w/Riprap		L.F.	@	\$ 15.00 =	\$ 15,000.00	_____	_____
Hay Bale Dike		EA	@	\$ 5.00 =	_____	_____	_____
Silt Fence		L.F.	@	\$ 5.00 =	\$ -	_____	_____
Storm Drains Size/Type							
12" RCP		L.F.	@	\$ 55.00 =	_____	_____	_____
12" HDPE	20	L.F.	@	\$ 50.00 =	\$ 5,000.00	_____	_____
15" RCP		L.F.	@	\$ 70.00 =	_____	_____	_____
15" HDPE		L.F.	@	\$ 65.00 =	\$ -	_____	_____
18" RCP		L.F.	@	\$ 48.00 =	_____	_____	_____
21" RCP		L.F.	@	\$ 50.00 =	_____	_____	_____
24" RCP		L.F.	@	\$ 60.00 =	_____	_____	_____
30" RCP		L.F.	@	\$ 70.00 =	_____	_____	_____
36" RCP		L.F.	@	\$ 90.00 =	_____	_____	_____
6" PVC		L.F.	@	\$30.00 =	_____	_____	_____
Stormtech Systems		U	@	\$85,000.00 =	\$ -	_____	_____
6" Underdrain		L.F.	@	\$ 25.00 =	_____	_____	_____
8" Underdrain		L.F.	@	\$ 30.00 =	_____	_____	_____
Additional Excavation for Structures		C.Y.	@	\$ 15.00 =	_____	_____	_____
Catch Basin Grate	1	U	@	\$ 1,000.00 =	\$ 2,500.00	_____	_____
4' Catch Basins	1	V.F.	@	\$ 400.00 =	\$ 400.00	_____	_____
5' Catch Basins		V.F.	@	\$ 500.00 =	\$ -	_____	_____
4' Drain Manholes		V.F.	@	\$ 500.00 =	\$ -	_____	_____
5' Drain Manholes		V.F.	@	\$ 550.00 =	\$ -	_____	_____
Drainage Manhole Covers	1	U	@	\$ 800.00 =	\$ 800.00	_____	_____
Headwalls		EA	@	\$ 1,500.00 =	\$ -	_____	_____
Rip-Rap		S.Y.	@	\$ 50.00 =	\$ -	_____	_____

Subdivision Name: _____

						Total	Bond Remaini	Date
Sanitary Sewer Size								
6" PVC Service Connection		L.F.	@	\$ 30.00	=	\$ -	_____	_____
8" PVC								
0' - 12' Depth		L.F.	@	\$ 80.00	=	\$ -	_____	_____
12' - 18' Depth		L.F.	@	\$ 90.00	=	_____	_____	_____
10" PVC		L.F.	@	\$ 95.00	=	_____	_____	_____
Sewer Manhole Grate and Cover		U	@	\$ 750.00	=	_____	_____	_____
Sanitary Sewer Manholes 4' dia.								
Sanitary Sewer Manholes 4' dia.		V.F.	@	\$ 450.00	=	\$ -	_____	_____
Sanitary Sewer Manholes 5' dia.		V.F.	@	\$ 550.00	=	_____	_____	_____
Service Cleanout		EA.	@	\$ 350.00	=	\$ -	_____	_____
Sewer Manhole Covers		U	@	\$ 800.00	=	\$ -	_____	_____
Water Main Size (valves included)								
4" DIP Class 52		L.F.	@	\$ 65.00	=	_____	_____	_____
6" DIP Class 52	20	L.F.	@	\$ 75.00	=	\$ 2,000.00	_____	_____
8" DIP Class 52		L.F.	@	\$ 85.00	=	\$ -	_____	_____
10" DIP Class 52		L.F.	@	\$ 95.00	=	_____	_____	_____
12" DIP Class 52		L.F.	@	\$ 105.00	=	_____	_____	_____
T/S&V		L.F.	@	\$4,000.00	=	_____	_____	_____
Hydrants	1	EA	@	\$ 5,000.00	=	\$ 5,000.00	_____	_____
1" Copper Service (stops included)		EA.	@	\$ 500.00	=	\$ -	_____	_____
Bank Run Gravel	800	C.Y.	@	\$ 25.00	=	\$ 20,000.00	_____	_____
Crushed Bank Run Gravel		C.Y.	@	\$ 30.00	=	\$ -	_____	_____
Sand Cushion		C.Y.	@	\$30.00	=	_____	_____	_____
Hot Bituminous Pavement 28' width								
2 1/2" or 2" Base Course	180	TONS	@	\$ 100.00	=	\$ 18,000.00	_____	_____
1 1/2" Wearing Course Type F	120	TONS	@	\$ 110.00	=	\$ 13,200.00	_____	_____
_____ Other			@		=		_____	_____
Tack Coat		GAL	@	\$ 50.00	=	\$ -	_____	_____
Curbing								
Granite Curbing	380	L.F.	@	\$ 50.00	=	\$ 19,000.00	_____	_____
Cape Cod		L.F.	@	\$ 30.00	=	_____	_____	_____
Street Light & Foundation		U	@	\$ 2,000.00	=	_____	_____	_____
Sidewalks								
5' Wide bituminous	0	S.Y.	@	\$ 75.00	=	\$ -	_____	_____
Loam and Seed								
Easement areas		L.F.	@	\$ 10.00	=	_____	_____	_____
R.O.W. areas		L.F.	@	\$ 10.00	=	\$ -	_____	_____
Wetland Boundary Markers		U	@	\$ 250.00	=	\$ -	_____	_____

Subdivision Name: _____

				Total	Bond Remaini	Date
Bounds and Pins						
Property Pins	EA.	@	\$ 350.00 = \$	-	_____	_____
Road Bounds	EA.	@	\$ 500.00 = \$	-	_____	_____
Stop Signs	EA.	@	\$ 200.00 = \$	-	_____	_____
Street Signs	EA.	@	\$ 200.00 = \$	-	_____	_____
As-Built Plans	L.F.	@	\$ 10.00 = \$	10,000.00	_____	_____
Landscaping						
Trees	EA.	@	\$ 400.00 = \$	-	_____	_____
Bushes	EA.	@	\$ 250.00 =	_____	_____	_____
Guard Rails	0	L.F.	@ \$ 60.00 = \$	-	_____	_____
Utility Trench (Elec/Tel/TV)		L.F.	@ \$50.00 = \$	-	_____	_____
Other required improvements (itemize on separate sheet)		S.F.	@ \$1.00 =	_____	_____	_____
Subtotal:				\$ 125,900.00	_____	_____
Mobilization (10% subtotal):				\$ 12,590.00	_____	_____
Engineering & Contingencies (10% subtotal):				\$ 12,590.00	_____	_____
Total Estimate				\$ 151,080.00	_____	_____
Maintenance Level (10% of the Original Amount):				\$ 15,108.00	_____	_____
Total Estimate:				\$ 151,080.00	_____	_____

Prepares Name: _____ Date: _____

Prepared 1/25/24