

FOREST MEADOWS – 2-YEAR MAINTENANCE

BOND

Attached, please find a request from the Town Engineer to the Planning Board for the establishment of a bond relative to the Forest Meadows 2-year maintenance period at Ashlyn Drive, Hudson NH. The request is to establish a bond in the amount of \$57,400.00.

SITE: Ashlyn Drive – Map 237/Lot 032-000

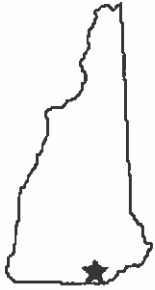
ATTACHMENTS:

- A. Memorandum from Elvis Dhima, dated June 10, 2024 – Attachment “**A**”
- B. Previous Memo, Line of Credit, and NH Road Guarantee Estimate Form for On-Site Work dated November 8, 2022 – Attachment “**B**”

DRAFT MOTION

I move to approve a bond amount of \$57,400.00 relative to the 2-year maintenance period located at Ashlyn Drive, Map 237/Lot 032-000 as presented in the memorandum from the Town Engineer, Elvis Dhima, to Jay Minkarah, Interim Town Planner, dated June 10, 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

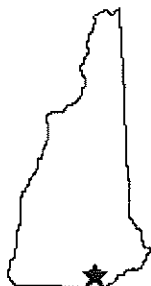
FROM: Elvis Dhima P.E., Town Engineer

DATE: June 10, 2024

RE: Street Acceptance – Ashlyn Drive – 2 Year Maintenance

The Planning Board currently holds a cash surety of \$94,404.00. The developer wishes to replace this bond with a two-year maintenance period for the amount of \$57,400.00, as recommended by Engineering Department. The letter of credit will be between 7/2024 – 7/2026. In addition, we have received positive recommendations from the Police, Fire, and Public Works Department.

Once the Planning Board takes action we will forward the application to the Board of Selectmen for final approval and acceptance.



TOWN OF HUDSON

Engineering Department



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INTEROFFICE MEMORANDUM

TO: Brian Groth, Town Planner
Planning Board

FROM: Elvis Dhima P.E., Town Engineer

DATE: November 8, 2022

RE: Forest Meadows – Letter of Credit

The applicant's Engineer has submitted the bond, in the amount of \$94,404.00, for the remaining of the work for the project listed above.

The amounts were reviewed, revised, resubmitted and approved by the Engineering Department and reflect the remaining of the work at the site.



NORTH SHORE BANK

IRREVOCABLE STANDBY LETTER OF CREDIT

November 7, 2022

Planning Board
Town of Hudson
12 School Street
Hudson, NH 03051

Beneficiary
Town of Hudson
Hudson, NH

Account Party
KLN Construction Company, Inc.

Amount RE: Subdivision Plan Entitled
\$94,404.00 Forest Meadows

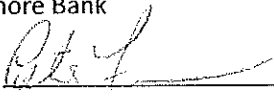
Dear Planning Board:

By this document, North Shore Bank hereby issues an IRREVOCABLE STANDBY LETTER OF CREDIT in the amount of \$94,404.00 US Dollars to the **Town of Hudson** on behalf of KLN Construction Company, Inc. The Irrevocable Letter of Credit is being issued to guarantee completion of all improvements required by the Hudson Planning Board and the Town of Hudson Subdivision and/or Site Review Regulations in conjunction with a plan entitled Subdivision Plan of Land in Hudson, NH for "Forest Meadows" last revised on November 17, 2021 prepared by Meisner Blem Corporation and approved on July 28, 2021.

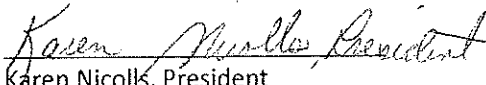
It is understood that the improvements guaranteed by the irrevocable letter of credit, include, but are not limited to the following: Completion of Ashlyn Drive in the Forest Meadows Subdivision.

It is agreed and understood by the issuers of the Letter of Credit that it shall be issued for a period of **24 Months**. If all improvements guaranteed by this Letter of Credit are not completed by November 7, 2024 and if a certificate indicating completion of all improvements have not been issued by the Town Engineer or such other individuals as the Town of Hudson or its Planning Board, North Shore Bank shall forthwith forward a check in the amount of \$94,404.00 to the Treasurer of the Town of Hudson, the funds go forward to the Town Treasurer shall be used exclusively for the purpose of completing the improvements which are guaranteed by the Letter of Credit. Any funds not needed by the Town to complete improvements required by the subdivision and/or site plan referred above shall be returned to North Shore Bank.

North Shore Bank

By: 
Peter Fenn, Senior Vice President

I have read this Letter of Credit and agree to its terms:


Karen Nicolls, President

**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 KLN Construction

Date: 11/3/2022

Project Name: Forest Meadows Map: 237 Lot: 032

Street Name: Ashlyn Drive

Street Length: 1437 feet

| | | | | | 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 | = | \$ 3,500.00 | | |
| 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 | = | \$ - | | |

Attachment "B"

| | | | | | 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 | 367 TONS | @ | \$ 110.00 | = | \$ 40,370.00 | | |
| Other | | @ | | = | | | |
| Tack Coat | 141 GAL | @ | \$ 50.00 | = | \$ 7,050.00 | | |
| Curbing | | | | | | | |
| Granite | L.F. | @ | \$ 50.00 | = | \$ - | | |
| Cape Cod | L.F. | @ | \$ 30.00 | = | | | |
| Street Light & Foundation | U | @ | \$ 2,000.00 | = | | | |
| Sidewalks | | | | | | | |
| 5' Wide bituminous | 681 S.Y. | @ | \$ 75.00 | = | \$ - | | |
| Loam and Seed | | | | | | | |
| Easement areas | L.F. | @ | \$ 10.00 | = | | | |
| R.O.W. areas | 2400 L.F. | @ | \$ 10.00 | = | \$ - | | |
| Wetland Boundary Markers | 28 U | @ | \$ 250.00 | = | \$ - | | |

Town of Hudson Road Guarantee Estimate

Page 3

Subdivision Name: ____ Forest Meadows

| | Total | Bond Remaining | Date |
|--|-------|----------------|------|
|--|-------|----------------|------|

Bounds and Pins

Attachment "B"

| | | | | | | | | |
|----------------|----|------|---|-----------|---|--------------|-------|-------|
| Property Pins | 21 | EA. | @ | \$ 350.00 | = | \$ 7,350.00 | _____ | _____ |
| Road Bounds | 8 | EA. | @ | \$ 500.00 | = | \$ 4,000.00 | _____ | _____ |
| Stop Signs | 1 | EA. | @ | \$ 200.00 | = | \$ - | _____ | _____ |
| Street Signs | 1 | EA. | @ | \$ 200.00 | = | \$ - | _____ | _____ |
| As-Built Plans | | L.F. | @ | \$ 10.00 | = | \$ 10,000.00 | _____ | _____ |

| | | | | | | | | |
|-------------|----|-----|---|-----------|---|-------------|-------|-------|
| Landscaping | | | | | | | | |
| Trees | 16 | EA. | @ | \$ 400.00 | = | \$ 6,400.00 | _____ | _____ |
| 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: | \$ 78,670.00 | _____ | _____ |
| Mobilization (10% subtotal): | \$ 7,867.00 | _____ | _____ |
| Engineering & Contingencies (10% subtotal): | \$ 7,867.00 | _____ | _____ |
| Total Estimate | \$ 94,404.00 | _____ | _____ |
| Maintenance Level (10% of the Total Amount): | \$ 57,379.80 | _____ | _____ |
| Total Estimate: | \$ 94,404.00 | _____ | _____ |

Prepares Name: ELVIS DHIMA, P.E / Town Engineer Date: 11/8/22