

BOND ESTABLISHMENT REQUEST
TARGET DEVELOPMENT – ON-SITE &
LANDSCAPING

(DEFERRED FROM AUGUST 28, 2024)

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 landscaping improvements at 269 Lowell Road, Hudson NH. The request is to establish a bond in the amount of \$11,426,310.00.

SITE: 269 Lowell Road – Map 239/Lot 001-000 & Map 234/Lot(s) 005,034,035

ATTACHMENTS:

- A. Memorandum from Elvis Dhima, dated July 2, 2024 – Attachment “A”
- B. Email from Elvis Dhima, dated July 2, 2024 – Attachment “B”
- C. Town of Hudson, NH Road Guarantee Estimate Form for On-Site Work dated March 22, 2024 – Attachment “C”
- D. Town of Hudson, NH Road Guarantee Estimate Form for Landscaping dated March 22, 2024 – Attachment “D”

DRAFT MOTION

I move to approve a bond amount of \$11,426,310.00 relative to the On-Site and landscaping improvements at 269 Lowell Road – Map 239/Lot 001-000 & Map 234/Lot(s) 005,034,035 as presented in the memorandum from the Town Engineer, Elvis Dhima, to Jay Minkarah, Interim Town Planner, dated July 2, 2024, together with the Road Guarantee Estimate Forms.

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: July 2, 2024

RE: Target Development Onsite and Landscaping Improvements

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

The amounts were reviewed, revised, resubmitted and approved by the Engineering Department and is recommended for approval.

The total amount for the on-site improvements and landscaping improvements is \$11,426,310.

Dubowik, Brooke

From: Dhima, Elvis
Sent: Tuesday, July 2, 2024 9:33 AM
To: Dubowik, Brooke; Gradert Benjamin; Minkarah, Jay
Cc: Alex Obi-Ugbo; Taylor Gonet; John Oldani
Subject: RE: Target Hudson, NH (101-07304): Onsite LOC Value Approvals
Attachments: 2024.03.22 Hudson Township Landscaping Bond GUARANTEE ESTIMATE BOND.xls;
2024.03.22 Target Hudson, NH Water & Sewer GUARANTEE ESTIMATE BOND.xlsx; Bond
Memo.pdf

Brooke

This is ready for approval for the next available meeting

Thanks

E

Elvis Dhima, P.E.
Town Engineer

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



From: John Oldani <oldanij@Claycorp.com>
Sent: Tuesday, July 2, 2024 9:11 AM
To: Dhima, Elvis <edhima@hudsonnh.gov>
Cc: Alex Obi-Ugbo <ObiugboA@claycorp.com>; Taylor Gonet <GonetT@claycorp.com>
Subject: Target Hudson, NH (101-07304): Onsite LOC Value Approvals

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

Elvis,
I believe I have somewhere an email with your confirmation of the LOCs values for the Onsite Landscaping and Onsite Sewer & Water work but I am unable to find it quickly. Therefore I am resending the spreadsheets and requesting approval of these values for establishing the LOCs. If these are approved, I assume that a letter from the Planning Board also approving these values will be provided similarly to how the Off-Site LOCs were approved (approval letter from PB for offsite provided for reference).

If you have any questions or concerns, please let me know.

Cheers,

John Oldani
Senior Project Manager

CLAYCO // office direct 312.884.8003 // mobile 314.614.8283
email oldanij@Claycorp.com // WWW.CLAYCORP.COM

Attachment "C"

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: Target Corporation

Date: Dec. 7th, 20

Project Name: Project Hudson

Map: _____

Lot: _____

Street Name: 59 Steele Rd.

Street Length: _____

	Amount				Total		Bond Remaining
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							
4" HDPE	0	L.F.	@	\$ 20.00 = \$	-	_____	
6" HDPE	0	L.F.	@	\$ 25.00 = \$	-	_____	
8" HDPE	0	L.F.	@	\$ 30.00 = \$	-	_____	
10" HDPE	0	L.F.	@	\$ 40.00 = \$	-	_____	
12" RCP	0	L.F.	@	\$ 55.00 = \$	-	_____	
12" HDPE	0	L.F.	@	\$ 50.00 = \$	-	_____	
15" RCP	0	L.F.	@	\$ 70.00 = \$	-	_____	
15" HDPE	0	L.F.	@	\$ 65.00 = \$	-	_____	
18" RCP	0	L.F.	@	\$ 48.00 = \$	-	_____	
18" HDPE	0	L.F.	@	\$ 70.00 = \$	-	_____	
21" RCP	0	L.F.	@	\$ 50.00 = \$	-	_____	
24" RCP	0	L.F.	@	\$ 60.00 = \$	-	_____	
24" HDPE	0	L.F.	@	\$ 75.00 = \$	-	_____	
30" RCP	0	L.F.	@	\$ 70.00 = \$	-	_____	
30" HDPE	0	L.F.	@	\$ 80.00 = \$	-	_____	
36" RCP	0	L.F.	@	\$ 90.00 = \$	-	_____	
36" HDPE	0	L.F.	@	\$ 85.00 = \$	-	_____	
48" HDPE	0	L.F.	@	\$ 95.00 = \$	-	_____	
60" HDPE	0	L.F.	@	\$ 105.00 = \$	-	_____	
72" HDPE	0	L.F.	@	\$ 115.00 = \$	-	_____	
6" PVC		L.F.	@	\$30.00 = \$	-	_____	
Stormtech Systems		U	@	\$85,000.00 = \$	-	_____	
6" Underdrain	0	L.F.	@	\$ 25.00 = \$	-	_____	

8" Underdrain		L.F.	@	\$	30.00	=	\$	-	_____
Additional Excavation for Structures		C.Y.	@	\$	15.00	=	\$	-	_____
Catch Basin Grate	0	U	@	\$	1,000.00	=	\$	-	_____
4' Catch Basins	0	V.F.	@	\$	400.00	=	\$	-	_____
5' Catch Basins	0	V.F.	@	\$	500.00	=	\$	-	_____
6' Catch Basins	0	V.F.	@	\$	600.00	=	\$	-	_____
8' Catch Basins	0	V.F.	@	\$	750.00	=	\$	-	_____
4' Drain Manholes	0	V.F.	@	\$	500.00	=	\$	-	_____
5' Drain Manholes	0	V.F.	@	\$	550.00	=	\$	-	_____
Drainage Manhole Covers	0	U	@	\$	800.00	=	\$	-	_____
Headwalls	0	EA.	@	\$	1,500.00	=	\$	-	_____
Rip-Rap	0	S.Y.	@	\$	50.00	=	\$	-	_____

Town of Hudson Road Guarantee Estimate

Page

Subdivision Name: _____

								Total	Bond Remaining
Sanitary Sewer Size									
1.25" SDR11 Force Main	1730	L.F.	@	\$	12.00	=	\$	20,760.00	_____
3" SDR21 Force Main	3481	L.F.	@	\$	25.00	=	\$	87,025.00	_____
4" PVC Service Connection	49	L.F.	@	\$	25.00	=	\$	1,225.00	_____
6" PVC Service Connection	600	L.F.	@	\$	30.00	=	\$	18,000.00	_____
8" PVC	3500			\$	35.00	=	\$	122,500.00	_____
0' - 12' Depth	4500	L.F.	@	\$	80.00	=	\$	360,000.00	_____
12' - 18' Depth	4555	L.F.	@	\$	90.00	=	\$	409,950.00	_____
10" PVC		L.F.	@	\$	95.00	=	\$	-	_____
Sewer Manhole Grate and Cover	21	U	@	\$	750.00	=	\$	15,750.00	_____
Sanitary Sewer Manholes 4' dia.	16	V.F.	@	\$	450.00	=	\$	7,200.00	_____
Sanitary Sewer Manholes 5' dia.		V.F.	@	\$	550.00	=	\$	-	_____
Service Cleanout	6	EA.	@	\$	350.00	=	\$	2,100.00	_____
Sewer Manhole Covers	16	U	@	\$	800.00	=	\$	12,800.00	_____
Water Main Size (valves included)									
4" DIP Class 52	911	L.F.	@	\$	65.00	=	\$	59,215.00	_____
6" DIP Class 52	1978	L.F.	@	\$	75.00	=	\$	148,350.00	_____
8" DIP Class 52		L.F.	@	\$	85.00	=	\$	-	_____
10" DIP Class 52	7862	L.F.	@	\$	95.00	=	\$	746,890.00	_____
12" DIP Class 52	8400	L.F.	@	\$	105.00	=	\$	882,000.00	_____
24" DIP Class 52 MJ	190	L.F.	@	\$	165.00	=	\$	31,350.00	_____
T/S&V		L.F.	@	\$	4,000.00	=	\$	-	_____
Hydrants	36	EA	@	\$	5,000.00	=	\$	180,000.00	_____
3/4" Copper Service (stops included)	390	EA.	@	\$	490.00	=	\$	191,100.00	_____
1" Copper Service (stops included)	0	EA.	@	\$	500.00	=	\$	-	_____
1.5" Copper Service (stops included)	1496	EA.	@	\$	510.00	=	\$	762,960.00	_____
2" Copper Service (stops included)	270	EA.	@	\$	520.00	=	\$	140,400.00	_____
Bank Run Gravel		C.Y.	@	\$	25.00	=	\$	-	_____

Attachment "C"

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	TONS	@	\$	110.00	=	\$	-	_____
Other		@			=	\$	-	_____
Tack Coat	GAL	@	\$	50.00	=	\$	-	_____
Curbing								
Granite	L.F.	@	\$	50.00	=	\$	-	_____
Cape Cod	L.F.	@	\$	30.00	=	\$	-	_____
Street Light & Foundation	U	@	\$	2,000.00	=	\$	-	_____
Sidewalks						\$	-	_____
5' Wide bituminous	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	=	\$	-	_____

Town of Hudson Road Guarantee Estimate

Page

Subdivision Name: _____

							Total	Bond Remaining
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	=	\$	-	_____
Landscaping								
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	=	\$	-	_____
250,000 Gallon Water Storage Tank	1 U	@		\$530,500.00	=	\$	530,500.00	_____
2500 gpm Diesel Fire Pump	1 U	@		\$250,000.00	=	\$	250,000.00	_____
							Subtotal:	\$ 4,980,075.00
							Mobilization (10% subtotal):	\$ 498,007.50
							Engineering & Contingencies (10% subtotal):	\$ 498,007.50

Attachment "C"

Total Estimate	\$ 5,976,090.00	_____
Maintenance Level (10% of the Original Amount):	\$ 597,609.00	_____
Total Estimate:	\$ 5,976,090.00	_____

Prepares Name: _____ Date: _____

Rev 06/2022

e 2

Date

e 3

Date

Attachment "D"

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: Target Corporation

Date: Dec. 7th, 20

Project Name: Project Hudson

Map: _____

Lot: _____

Street Name: _____

Street Length: _____

	Amount				Total		Bond Remaining
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							
4" HDPE	L.F.	@	\$ 20.00	= \$	-		_____
6" HDPE	L.F.	@	\$ 25.00	= \$	-		_____
8" HDPE	L.F.	@	\$ 30.00	= \$	-		_____
10" HDPE	L.F.	@	\$ 40.00	= \$	-		_____
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	= \$	-		_____
18" HDPE	L.F.	@	\$ 70.00	= \$	-		_____
21" RCP	L.F.	@	\$ 50.00	= \$	-		_____
24" RCP	L.F.	@	\$ 60.00	= \$	-		_____
24" HDPE	L.F.	@	\$ 75.00	= \$	-		_____
30" RCP	L.F.	@	\$ 70.00	= \$	-		_____
30" HDPE	L.F.	@	\$ 80.00	= \$	-		_____
36" RCP	L.F.	@	\$ 90.00	= \$	-		_____
36" HDPE	L.F.	@	\$ 85.00	= \$	-		_____
48" HDPE	L.F.	@	\$ 95.00	= \$	-		_____
60" HDPE	L.F.	@	\$ 105.00	= \$	-		_____
72" HDPE	L.F.	@	\$ 115.00	= \$	-		_____
6" PVC	L.F.	@	\$ 30.00	= \$	-		_____
Stormtech Systems	U	@	\$85,000.00	= \$	-		_____
6" Underdrain	L.F.	@	\$ 25.00	= \$	-		_____

Attachment "D"

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	=	\$	-	
6' Catch Basins	V.F.	@	\$	600.00	=	\$	-	
8' Catch Basins	V.F.	@	\$	750.00	=	\$	-	
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	=	\$	-	

Town of Hudson Road Guarantee Estimate

Page

Subdivision Name: _____

								Total	Bond Remaining
Sanitary Sewer Size									
1.25" SDR11 Force Main	L.F.	@	\$	12.00	=	\$	-		
3" SDR21 Force Main	L.F.	@	\$	25.00	=	\$	-		
4" PVC Service Connection	L.F.	@	\$	25.00	=	\$	-		
6" PVC Service Connection	L.F.	@	\$	30.00	=	\$	-		
8" PVC				35.00	=	\$	-		
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	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	=	\$	-		
24" DIP Class 52 MJ	L.F.	@	\$	165.00	=	\$	-		
T/S&V	L.F.	@	\$	4,000.00	=	\$	-		
Hydrants	EA	@	\$	5,000.00	=	\$	-		
3/4" Copper Service (stops included)									
3/4" Copper Service (stops included)	EA.	@	\$	490.00	=	\$	-		
1" Copper Service (stops included)	EA.	@	\$	500.00	=	\$	-		
1.5" Copper Service (stops included)	EA.	@	\$	510.00	=	\$	-		
2" Copper Service (stops included)	EA.	@	\$	520.00	=	\$	-		
Bank Run Gravel	C.Y.	@	\$	25.00	=	\$	-		

Attachment "D"

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	TONS	@	\$	110.00	=	\$	-	_____
_____ Other		@			=	\$	-	_____
Tack Coat	GAL	@	\$	50.00	=	\$	-	_____
Curbing								
Granite	L.F.	@	\$	50.00	=	\$	-	_____
Cape Cod	L.F.	@	\$	30.00	=	\$	-	_____
Street Light & Foundation	U	@	\$	2,000.00	=	\$	-	_____
Sidewalks						\$	-	_____
5' Wide bituminous	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	=	\$	-	_____

Town of Hudson Road Guarantee Estimate

Page _____

Subdivision Name: _____

								Total	Bond Remaining
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	=	\$	-	_____	_____
Landscaping									
Trees	6294	EA.	@	\$	400.00	=	\$	2,517,600.00	_____
Bushes	8097	EA.	@	\$	250.00	=	\$	2,024,250.00	_____
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	=	\$	-	_____	_____
250,000 Gallon Water Storage Tank	U	@		\$530,500.00	=	\$	-	_____	_____
2500 gpm Diesel Fire Pump	U	@		\$250,000.00	=	\$	-	_____	_____
Subtotal:								\$ 4,541,850.00	_____
Mobilization (10% subtotal):								\$ 454,185.00	_____
Engineering & Contingencies (10% subtotal):								\$ 454,185.00	_____

Attachment "D"

Total Estimate	\$ 5,450,220.00	_____
Maintenance Level (10% of the Original Amount):	\$ 545,022.00	_____
Total Estimate:	\$ 5,450,220.00	_____

Prepares Name: _____ Date: _____

Rev 06/2022

e 2

Date

e 3

Date

