

## Stratham Hill Park Ballfield Reconstruction

Report Date: September 10, 2018

### Project Vision Statement

The Stratham Public Works and Recreation Directors over see and complete the reconstruction of the Stratham Hill Park Upper Baseball Field. The completed project shall include a completed baseball field for spring of 2019.

### Projects Functional Responsibilities and Goals

- Remove all unsuitable materials (stumps, logs, concrete from ball field area)
- Screen all loam from material removed from ball field. (Public works will screen surplus loam at Public Works Garage to generate enough loam for entire project).
- Install Mirafifi 500x geo fabric at subgrade before installing final fill and loam.
- Install sandy fill where necessary in order to ensure proper drainage of ball field and grading.
- Reduce slope into old ice rink area and raise the grade of this area for easier summer maintenance and future recreation development (The old ice rink area will not be loamed and seeded per the Recreation Director, Seth Hickey).
- Ball field fence will be installed in 2019 along with scoreboard and flag pole which was removed from existing field.

### Key Performance Indicators (White, Green, Yellow, Red)

Safety	Project has been on going since 8/13/18 without any injuries.
Project Schedule	The Project is on schedule but has seen minor delays with stump grinding, loam screening and installing fill. The project is still on schedule for a 9/30/18 project completion.
Stump Removal and Grinding	Quantities of wood waste, stumps and logs were much larger than anticipated.
Fill Installation and Trucking	Due to the removal greater quantity of unsuitable materials, large quantities of sandy fill will need to be installed.

### Gap #1 (Yellow)

Stump removal/ grinding quantities was much larger than estimated. Stump grinding incurred a \$7,500.00 cost that was not anticipated. Pitkin Construction allowed for 4 days of stump removal in his contract. Pitkin Construction will donate time for extra 3 days of stump removal per Mark Pitkin.

### C.Laverty will coordinate the sale and generate income of stump grinds which will net \$3,000.00

The contractor who chipped the wood waste would remove the chips for \$10,000.00 The chips have been stored in the Gifford Field temporarily and will be removed by 9/30/18.

### Gap # 2 (Red)

Due to the removal of large unsuitable material quantities, 7,200 cubic yards of sandy fill will be hauled from the Stevens Park (Public Works Garage) to Stratham Hill Park

- Additional cost of trucking and installing fill \$24,500.00 approximately \$3.41 per yard. Price includes \$7,500.00 for excavator rental and 4 days of 5 tri axles dump trucks at \$85.00 per hour. (Trucking of fill should be completed in 3 days however a 4<sup>th</sup> day has been carried in the event of breakdowns or delays.
- The purchase of sandy fill was explored. The best price was \$8.00 per yard delivered or a total of \$57,600.00

### Project Budget Update

Budget Spent to Date	Appropriated Budget
Public Works Project Budget \$24, 813.00	\$25,000.00
Includes loader operations for screening loam, stump grinding, hydro seeding slopes, temporary fence, Mirafifi 500x geo fabric, grading fill in old ice rink area	
Pitkin Construction Contract \$75,000.00	\$75,000.00
Hillside Irrigation Contract \$16,828.00	\$20,728.00
Includes Laser grading, construction of pitchers mound, installation of infield mix up to 72 yards (approximately 60 yards was salvaged from existing ballfield) infield sod installation, irrigation installation.	
Project budget before installing sandy fill \$116,641.00	Total Appropriated 2018 Budget \$125,000.00
Anticipated Trucking Fill Cost \$24,500.00	
Includes \$7,500.00 for excavator loading of trucks. Public Works Loader will assist to reduce number of hours required for excavator. Terrain is too steep to solely use front end loaders.	
\$17,000.00 for 4 days of 5 tri axles to truck fill from Stevens Park to Stratham Hill Park. Goal is to keep trucking to 3 days but have included 4 <sup>th</sup> day in the event of breakdowns or delays.	
Proposed Budget is \$141,141.00 with fill installation	If we reduce the number of days trucking fill from 4 days to 3 days will save \$5,750.00
(\$13,141.00 above 2018 proposed budget factoring in \$3,000.00 income from sale of wood chips)	(\$7,391.00 above 2018 proposed budget.)



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Public Notifications

Other Action Items During Construction

<p>1. Parks and Recreation to notify Stevens Park users that there will be dusting conditions as fill is loaded out by the tennis courts 9/12/18 through 9/17/18</p> <p>2. Trucking traffic will be heavy at Stratham Hill Park 9/12/18 through 9/17/18. Public Works will post signs at the main entrance of Stratham Hill Park</p>	<p>1. Public Works will complete test pits for proposed skate park by ballfield and pump track in Gifford Field.</p>
<p><u>Anticipated 2019 Ballfield Projects to complete</u></p> <ol style="list-style-type: none"> <li>1. Installation of ballfield fencing.</li> <li>2. Installation of existing flag pole.</li> <li>3. Installation of scoreboard, posts, and conduit.</li> </ol>	<p><u>Selectman Assistance</u></p> <ol style="list-style-type: none"> <li>1. Motion to approve request to expend up to \$16,141.00 above 2018 project budget, not including \$3,000.00 stump grinding wood chips income.</li> </ol>