

GREENE'S FIELD RENOVATION

Ed Olsen, Parks and Forestry Superintendent

Greene's Field is in dire need of a makeover. The turf cover is thin from years of use, and as a result, the grounds have become hard pan due to the lack of a cultural practice maintenance program. This field needs a true plan to address both the compaction and overuse issues, as well as a fertility plan to address the nutritional needs of this turf. If renovation costs are funded for Greene's Field, there will be an additional need to fund these cultural practices in the future in order to keep this field sustainable. A program of increased fertilizer and soil amendments as well as other cultural practices such as aeration, topdressing, deep tining, and overseeding are needed to maintain the quality of this field. This type of program has already been incorporated over the last year on our 25 acres of marquee sporting fields throughout Town, with much success.

Scope of Work

Here is a snapshot of what will need to happen:

- Remove existing structures (backstop, fencing and player benches)
- Set up safety fence or temporary fence around property lines
- Land survey (performed by a registered land surveyor)
- Strip existing vegetation
- Harley-Rake soils to remove any ligneous material
- Blend 2.5 mm sand into existing profile to allow air and water movement through existing soils
- Modify existing infield areas
- Construct new backstop, player fencing and benches (benches will be anchored onto a poured-in-place pad)
- Excavate and fill in with crushed stone the areas where the proposed walking path will be
- Pave the walking path with asphalt
- Complete basketball court renovation
- Replace chain link fencing along the abutting neighbors property lines
- Enclose the playground area on 2 sides with fencing, providing at least 2 access gates for both resident, as well as maintenance work entrances into the play structure area
- Laser grade field
- Put down soil amendments
- Lay specific athletic field mix sod

Breakdown of Funding Request

Here is a breakdown of the total renovation costs of \$ 320,000

- **Site work \$90,000** Of all the costs put forward in the initial request, this is the most difficult number to truly pinpoint because there are so many variables that will go along with this including but not limited to:
 - Demo and removal of existing structures (fencing, backstop, player benches)
 - Hiring a registered land surveyor to establish and define grades present and proposed
 - Stripping of the existing vegetation
 - Harley raking soils following the stripping
 - Renting and setting temporary construction fencing
 - Earth moving
 - Excavating and reestablishing the infield skin areas
 - Constructing and pouring concrete pads for player benches
 - Renovation of basketball courts (quote attached)

- **Sand \$50,000** In our scope of work, we are proposing to strip approximately 1" of vegetation. We are recommending bringing in at least 4 inches of sand to be blended into the native soils to allow for better water and air movement. One inch of sand equates to 180 yds or 225 tons of material. At \$26 a ton this equates to \$6,000 dollars an inch or approximately \$25,000 for the proposed 4 inches of sand. The remaining monies will be used toward soil amendments, similar to what we did recently at DeFazio. The 3 products proposed are Renovate Plus, Replenish 5 4 5 and Woodace 14 14 14. After the sod is laid, we will also have the contractor apply a liberal rate of starter fertilizer as well as a specialty product known as Sili Cal which will aide in the establishment of the new sod. The total combined costs will equal the requested \$50,000.

- **Irrigation \$30,000** This number was derived from two recent irrigation systems that were bid in the last year - Mills Field and Walker Gordon Field. We received two irrigation bids for Walker Gordon. The first of the two bids came in at \$27,610.80 and the second came in at \$30,000. The size and scale of this proposed system would be similar to the system at Walker Gordon.

- **Sod \$60,000** This number was derived from our recent sodding bid to strip and sod two fields at DeFazio. Our low bid came in at \$90,000 dollars to sod three acres at DeFazio. The Greene's Field project is close to two thirds the size of the DeFazio work.

- **Fencing (Backstop, Player fencing and benches) \$40,000** This number was derived from the recent Walker Gordon bid opening. We have received costs associated with backstop, player fencing and benches. Two companies bid on these items and they came in at:
 - STS \$38,594
 - Marini \$52,400

If we take these 2 bids and average the two costs we will be around \$45,000. I believe we should be fine with using the \$40,000 because the size of the backstop for Greene's will be slightly smaller than the proposed backstop at Walker Gordon.

- **Walking Path \$20,000** This estimated number was derived with the help of the Highway Division using current pricing. The proposed pricing includes:
 - Install gravel dense graded crushed stone
 - Install bituminous concrete base 2"
 - Install bituminous concrete top 1"
 - Furnish and install ½ " screened loam

The estimate for new construction is \$30 ft. and therea is 550'L x 5'W to equal \$16,500. Considering that this will require paying prevailing wage, I believe our estimate of \$20,000 is a reasonable approximation.

- **Fencing \$30,000** Attached with this memo is a proposal from Steelco Fence. Steelco's estimate is \$29,839.

In conclusion I firmly believe that the cost estimate that was derived originally and proposed to the Town Manager is very close to where we should be seeing bid numbers come in.