



Avon High School Synthetic Turf Field Feasibility Study

Town of Avon, CT

Committee Meeting

April 28, 2015

Project Location



Existing Conditions

Statement of Needs

A. Expansion of Field in Current Location

1. Effect on Baseball to the East
2. Move Inner Lanes of Track to the Outside
3. Move Bleachers to the East Site of the Field
4. Accommodate Future Sports Field Lighting
5. New Press Box

B. Multi-Purpose Artificial Field within the Existing Track

1. Will the Existing Track Support a Soccer Field?
2. Move Bleachers to the East Site of the Field
3. Accommodate Future Sports Field Lighting
4. New Press Box

C. Multi-Purpose Artificial Field Located on the Current Field Hockey Field

1. Will the Existing Field Support a Soccer Field?
2. Accommodate Future Sports Field Lighting
3. Bleachers and Press Box

Site Master Plan



Concept Plan A



Concept Plan B



Concept Plan C



Concept Plan C

Site Master Plan – Concept Plan A

Constraints

- Limited Space for Bleachers and Press Box (existing non-conforming)
- Property Buffer Required



Concept Plan A

Conceptual Cost Estimate – Concept Plan A

CONCEPTUAL BUDGETARY CONSTRUCTION COSTS (HARD COSTS)

Base Project Scope			
1. Site Preparation	lump sum		\$50,000.00
2. New All-Weather Main Multi-Use Turf Field	lump sum		\$890,000.00
3. New All-Weather Secondary Turf Field (Field Hockey)	lump sum		\$656,500.00
4. New 8-Lane Track	lump sum		\$435,000.00
5. Site Improvements (walkways, retaining walls, and drainage improvements)	lump sum		\$55,000.00
6. Home Bleachers & Press Box (750 Seats)	lump sum		\$225,000.00
7. Visitor Bleachers (250 Seats)	lump sum		\$62,500.00
8. Track & Field Events (Long/Triple Jump, Pole Vault, High Jump, Shot Put)	lump sum		\$100,000.00
9. All-Weather Turf Field Equipment and Scoreboard	lump sum		\$70,000.00
10. Field Lighting	lump sum		\$250,000.00
11. Escalation, Contingency, and Allowances (15%)	lump sum		\$419,100.00
Project Total			\$3,213,100.00

**Conceptual Cost Estimate is based on standard industry pricing and the Schematic Design scope of work. It will continue to be refined into an Estimate of Probable Construction Costs as the project design develops in further detail.*

**We have made certain assumptions about the existing conditions and design of certain components of the project that may have an impact to the overall project cost.*

** We have assumed that the existing topsoil is suitable for reuse with only minor modifications.*

Site Master Plan – Concept Plan B

Constraints

- Complete Re-construction of Track
- No visitor bleachers (setback requirements)
- Property Buffer Required



Concept Plan B

Conceptual Cost Estimate – Concept Plan B

CONCEPTUAL BUDGETARY CONSTRUCTION COSTS (HARD COSTS)

Base Project Scope			
1. Site Preparation	lump sum		\$100,000.00
2. New All-Weather Main Multi-Use Turf Field	lump sum		\$890,000.00
3. New All-Weather Secondary Turf Field (Field Hockey)	lump sum		\$656,500.00
4. New 8-Lane Track	lump sum		\$517,500.00
5. Site Improvements (walkways, retaining walls, and drainage improvements)	lump sum		\$75,000.00
6. Home Bleachers and Press box (1,000 Seats)	lump sum		\$300,000.00
7. Track Events (Long/Triple Jump, Pole Vault, High Jump)	lump sum		\$100,000.00
8. All-Weather Turf Field Equipment, and Scoreboard	lump sum		\$70,000.00
9. Sports Field Lighting	lump sum		\$250,000.00
10. Escalation, Contingency, and Allowances (15%)	lump sum		\$443,850.00
Project Total			\$3,402,850.00

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** We have assumed that the existing topsoil is suitable for reuse with only minor modifications.*

Project Schedule Moving Forward

PHASE 1 – Pre- Referendum Services	Status	Date
Project Kick-Off	Completed	March 31, 2015 7:30 am
Committee Meeting	Completed	April 14, 2015 7:30 am
Committee Meeting	Completed	April 28, 2015 6:30 pm
Committee Meeting		May 12, 2015 7:30 am (if necessary)
Town Council Meeting		May 7, 2015 or June 4, 2015