CELEBRATING 50 YEARS

GALE

Regional High School

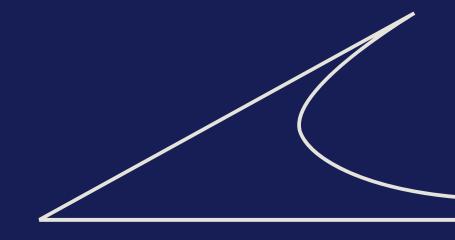
Athletic Campus Improvements

Project Update

Hamilton, MA

Sean Boyd, P.E. - Gale Associates Inc.

January 17, 2017



Agenda

- Current Project Scope
- Project History
- Master Plan Summary
- HS Existing Conditions
- Current Design
- Master Plan Impact
- Next Steps
- Questions



Current Project Scope



- Site Investigation
- Schematic Design
- DesignDevelopment
- Permitting

Project History



Recreation Master Plan Report Towns of Hamilton and Wenham, MA

August 8, 2012

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Recreation Master Plan Report Hamilton-Wenham Regional High School

JANUARY 23,2015

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- Enclosure 1 Athletic Campus Base Plans
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- Enclosure 3 Soil Test Results
- Enclosure 4 Scheduled Field Uses (Demand)
- Enclosure 5 Summary of Scheduled Demand Enclosure 6 - Equivalent Demand Matrix
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2012 – Town Wide Master Plan

2015 – High School Master Plan

Town Wide Master Plan

| FIELD USE ANNUAL SUMMARY - ACTUAL TEAM USES | | | | | | |
|---------------------------------------------|-----------------------|-------------|----------------------|--|--|--|
| Field Location | Field | Field Type | Total Annual Uses | | | |
| Patton Park | 60' Diamond & MPR | 60' B / MPR | 510 | | | |
| | 90' Diamond | 90' B | 144 | | | |
| | | | | | | |
| Pingree Park | Cheeseman | 60' B | 228 | | | |
| | Wildes | 90' B & MPR | 233 | | | |
| | Black | 60' B | 208 | | | |
| | | | | | | |
| Donovan Field | Field 1 | 60' B | 152 | | | |
| | Field 2 | MPR | 267 | | | |
| | | | | | | |
| Fairhaven Field | Fairhaven Field | MPR | 358 | | | |
| | | | | | | |
| DPW Field | DPW Field | MPR | 130 | | | |
| | E: 11 = | 1400 | | | | |
| Iron Rail Fields | Field 7 | MPR | 275 | | | |
| | Field 8 | MPR | 287 | | | |
| | Field 9 | MPR | 287 | | | |
| West West on Best | Field 4 | MDD | 40 | | | |
| West Wenham Park | Field 1 | MPR | 10 | | | |
| H-W Regional High School | Game Field | MPR | 104 | | | |
| n-w Regional High School | Field 1 | MPR | 80 | | | |
| | Field 1 | MPR | 419 | | | |
| | Field 3 & 90' Diamond | MPR/90'B | 150 | | | |
| | | | | | | |
| Middle School | Field 1 | 60' B | 296 | | | |
| wildule School | FIEIU I | 00 Б | 230 | | | |
| Winthrop School | Field 1 | 60' B | 276 | | | |
| | I IOIU I | 000 | | | | |
| Cutler School | Field 1 | 60' B | 318 | | | |
| | | 33.2 | | | | |
| Buker Elementary | Field 1 | 60' B | 388 | | | |
| • • • • | Field 2 | 60' B | 166 | | | |
| | | | | | | |
| | 22 | Total: | 5286 | | | |

- Deficit of 4-6 Fields
- 11 of 22 fields overused

2015 – HS Master Plan



2015 – HS Master Plan Conclusions

Demand Analysis & Conclusion

| Field | Annual Uses |
|-------------------|-------------|
| Game Field (MPR) | 106 |
| Field 1 | 277 |
| Field 2 | 324 |
| Field 3 | 205 |
| Project Adventure | 65 |
| 90' Baseball | 124 |
| 60' Softball | 356 |
| Total | 1,481 |

- Deficit of 2 MPR Fields
- 3 of 6 fields overused
- Game field uses constrained
- No onsite tennis courts

2015 – HS Master Plan Conclusions

Needs Assessment Conclusions

- Keep athletics on campus
- Improve drainage conditions
- Increase storage
- Renovate track
- Improve field dimensions
- Improve spectator seating and press box
- Improve site fencing and security
- Synthetic turf and lights

2015 – HS Master Plan Conclusions

Planning Program

- 1. New 400 meter track and synthetic turf field
- 2. Combination baseball/MPR synthetic turf field
- 3. Six (6) tennis courts and storage building
- 4. Field 2 expansion
- 5. Reconstruct softball and carpet replacement

Existing Conditions – Constraints



Overall Conceptual Design



Track and Field



- MPR synthetic turf field
- 400 meter tack and events
- Improved drainage system
- Improved site access
- ADA access
- Athletic light
- Visitors bleachers
- Site fencing

SUBTOTAL: \$ 3,366,724.41

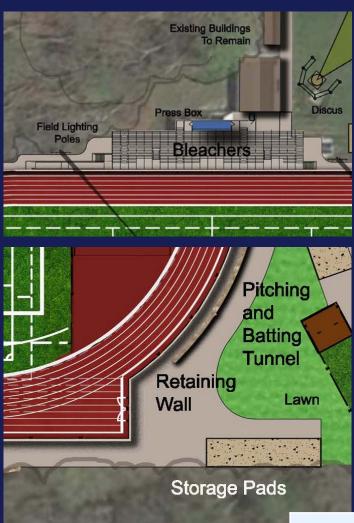
SOFT COSTS (5%): \$ 235,670.71

CONTINGENCY (10 %): \$ 336,672.44

TOTAL: \$ 3,939,067.56

Buildings, Bleachers and Site Improvements





- Entranceway statement
- Amenities building
- Home bleachers
- Press box
- Storage building
- Pavilion

SUBTOTAL: \$ 1,687,440.00 SOFT COSTS (10%): \$ 168,744.00

CONTINGENCY (10 %): \$ 168,744.00

TOTAL: \$ 2,024,928.00

Combination Baseball/MPR



- Combination synthetic turf field
- Improved drainage system
- ADA access
- Athletic light
- Portable bleachers
- Baseball dugouts
- Pitching and batting tunnel
- Site fencing

| | SUBTOTAL: | \$ 3,048,260.39 |
|---|---------------------|--------------------|
| | SOFT COSTS (5%): | \$ 152,413.02 |
| (| CONTINGENCY (10 %): | \$ 304,826.04 |
| | TOTAL: | \$ 3,505,499.45 |

Master Plan Impact

| Field | Annual Uses | Proposed Uses |
|-------------------|----------------|------------------|
| Game Field (MPR) | 106 | 425 |
| Field 1 | 277 | 162 |
| Field 2 | 324 | 150 |
| Field 3 | 205 | ** |
| Project Adventure | 65 | 65 |
| 90' Baseball | 124 | 479** |
| 60' Softball | 356 | 200 |
| Total | 1,481 | 1,481 |

- Lighted synthetic turf can accommodate 650-700 uses
- Creates available capacity for Town use
- Improve natural grass fields
- Current project does not include:
 - Tennis
 - Reconstructed softball

Completed Work

- Site Investigation
 - Survey
 - Test Pits/Borings
 - Wetlands Delineation
- Schematic Design
- Design Development

Next Steps

- Permitting
 - Planning Board
 - Conservation
- Anticipated Timeline
 - March June



Questions

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