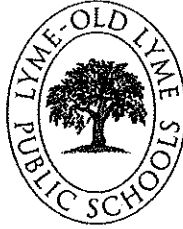


LYME-OLD LYME PUBLIC SCHOOLS

Small Schools, Big Ideas



*Challenging * Achieving * Excelling*

REGION #18

Special Facilities & Finance Committee Meeting

Location: Central Office Conference Room

Date: March 20, 2019

Committee Members Present: Rick Goulding, Co-Chair; Jean Wilczynski, Co-Chair; Erick Cushman; First Selectman, Steve Mattson in for Daniel Hagan; Andrew Russell; Stacy Winchell; Ryan Ziolkowski

Absent by Previous Arrangement: Rick Caulkins; Philip Neaton; Mimi Roche; Thomas Sherer;

Administration Present: Ian Neviaser, Superintendent of Schools; John Rhodes, Director of Facilities & Technology; Glenn Fergione, Assistant Director of Facilities; Holly McCalla, Business Manager

Others Present: Kurt Prochorena, Jesse Harris, Representatives from BSC Group; five community members

Call to Order:

The meeting was called to order by Dr. Goulding at 5:30 p.m.

II. Approval of Facilities Committee Minutes:

February 6, 2019

A quorum of Committee members were not present at the time this agenda item was called; no voting occurred. This agenda item will be moved to the next Facilities Committee meeting.

III. Review Tennis Court Proposal:

An informational session was presented by Kurt Prochorena and Jesse Harris of BSC Group regarding the two available types of tennis court surfaces: bituminous and concrete. Mr. Prochorena reported that the purpose of the presentation was to present advantages and disadvantages of both surfaces and allow for the client to decide which best fits the needs of District 18. A copy of their presentation is attached to these minutes for informational purposes.

Bituminous Pros:	Concrete Pros:
Low cost, readily available contractors & ease of installation	Durability life cycle, adaptability, logistics & surface quality

Bituminous Cons:	Concrete Cons:
Specially mix design, durability life cycle, material shrinkage, susceptible to freeze/thaw cycle, degradation of edge condition, higher maintenance cost & disposal of old material	Higher cost, edge details, limited availability contractors, more complex installation, specialty removal & internal tendons

The committee and community members asked questions of Mr. Prochorena regarding both surfaces. He stated that although he did not have a chance to review the condition of the tennis courts prior to the meeting, he suggested using an epoxy product for crack repair that can be applied in cold weather for a temporary fix.

IV. Review Health/Dental Insurance Rates:

Mr. Neviasher explained that District 18 is part of the Eastern CT Health & Medical Collaborative (ECHMC) as it was less expensive than the State of CT plan. He explained that the budget was built in October 2048. Since that time, a member of the collaborative has left the plan thus potentially providing District 18 with a savings of (5%) \$154,951. This amount potentially can decrease the total budget by 2.29% out of the 35 million total budget (1.84% increase from last year). Mr. Neviasher asked the group if the consensus is to change the budget book for reasons of transparency. Mr. Matson stated that this potential amount would impact the Lyme mill rate by one tenth of one percent. Because it is such a small effect, he has no concern either way and will leave the decision with District 18, Mr. Russell concurred. Since the budget book is already printed and committee members stressed that this amount could potentially change, it was agreed to leave the amount noted in the budget book.

V. Adjournment:

The meeting adjourned at 6:53 p.m.



Tennis Court Improvements

Lyme-Old Lyme Public Schools

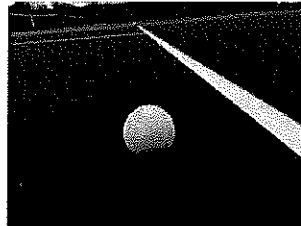
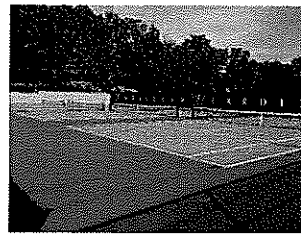
March 20, 2019

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- Athletic & Sports Facility Design
- Recreation & Park Design
- Civil Engineering
- Landscape Architecture
- Land Surveying
- Ecological Sciences
- Planning
- Transportation and Traffic Engineering
- Structural Engineering
- Cost Estimating
- Construction Administration



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Tonight's Agenda

- Tennis Court Overview: Requirements & Standards
- Bituminous Concrete Courts
- Concrete Courts
- Comparison

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Tennis Courts

- Governing Body: USTA, NFSH, ASBA
- Regulation Size: USTA Preferred – 60' x 120', 36' x 78' Lines, 12' Sideline over run, 21' Baseline over run
- 18' Min. Separation between courts
- 10' High Perimeter Fencing with 1.75" mesh size
- Each court should have individual access
- North-South Orientation Preferred
- Surfacing Type, Pace of Play
- Surfacing: Clay, Grass, Bituminous Concrete, Cement Concrete

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Bituminous Concrete

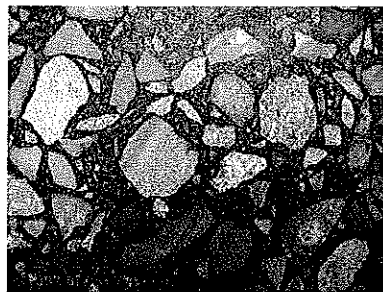
- Most commonly used "hard" surface court
- Low Cost (Approx. \$/SF)
- Readily Available Materials
- Ease of Installation



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Bituminous Concrete



- Mixture of aggregate, sand and bitumen (binder).
- "Flexible Pavement"
- Non-Structural
- Performance parameters: 1) high-temperature stability; 2) durability; and 3) shear resistance

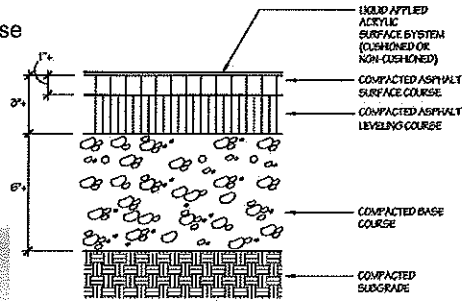
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Bituminous Concrete

Typical Construction

- 8"-12" Free draining, compacted base
- 1 1/2" Binder Course
- 1 1/2" Top Course
- Acrylic Surfacing System



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Bituminous Concrete

Maintenance Considerations

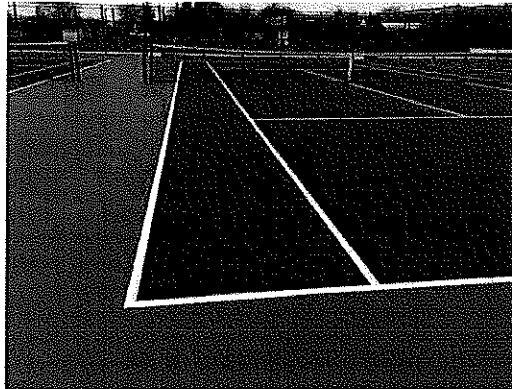
- Coating
- Crack Repair
- Patching
- Edge Repairs
- Re-Coating (5-7 Years)

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Concrete

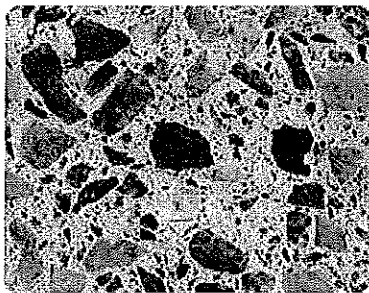
- Rigid Pavement
- Specialty Construction
- Higher Cost



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Concrete



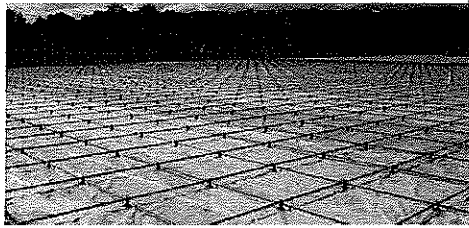
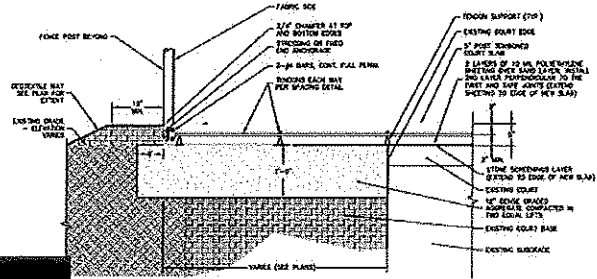
- Mixture of aggregate, sand and cement (binder).
- "Ridged Pavement"
- Structural Material
- Requires Reinforcement
- Performance parameters: 1) high-temperature stability; 2) durability; and 3) shear resistance (compressive strength)

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Post-Tensioned Concrete Courts

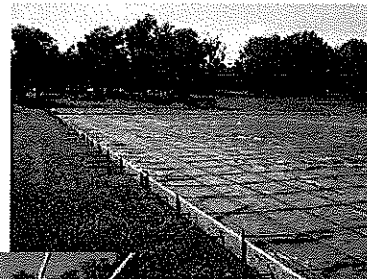
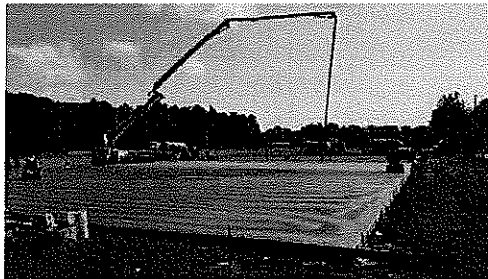
Typical Construction

- Portland Cement Concrete
- 5" Thick Slab
- 1/2" Steel Cables (Tendons)



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Post-Tensioned Tennis Courts



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Project Details



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Post-Tensioned Tennis Courts

Maintenance Considerations

- Coating
- Crack Repair
- Patching
- Edge Repairs
- Re-Coating (5-7 Years)

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Comparison

Bituminous Concrete

Pros

- Low Cost
- Readily available contractors
- Ease of Installation

Cons

- Specialty mix design
- Durability – Life Cycle Cost
- Material shrinkage
- Susceptible to freeze/thaw cycles
- Degradation of edge condition
- Higher maintenance costs
- Disposal of old material

Concrete

Pros

- Durability – Life Cycle Cost
- Adaptability
- Logistics
- Surface quality

Cons

- Higher cost
- Edge details
- Limited available contractors
- More complex installation
- Specialty removal - internal tendons

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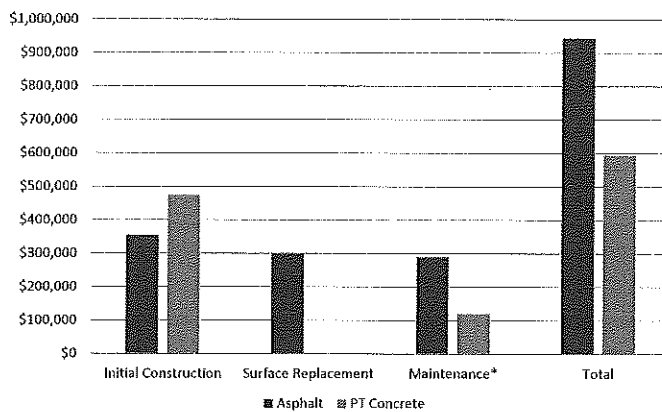
Comparison

Chart Title

Loss of Court Access for Maintenance:

Asphalt: 90 Days

PT Concrete: 12 Days



* Adjusted for Inflation

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