



**Town of Sudbury
Capital Improvement Budget Request
FY2018 Form A**

Department/Committee:
Park and Recreation

Item/Project Name:
Featherland Multisport Court Reconstruction

Initial Year of Request: 2017	Estimated Total Project Cost: \$220,000	Estimated Future Savings: ¹ n/a
Estimated Incremental Costs: ² n/a	Staffing Changes: ³ none	
Justification Code: D	R or NR: NR	Priority: 2
Project Description: Reconstruct the tennis courts at Featherland to be handicap accessible and add basketball and pickle ball. Adaptive tennis and basketball require no court alterations.		
Justification and Need: The courts were dismantled in Spring 2015 after the fences were damaged by the snow plows. Residents voiced their disapproval and their interest in having these courts restored. This project will rehabilitate a town owned asset for recreation. The new courts will be handicap accessible and support unstructured recreation opportunities for residents of all ages and abilities for tennis, basketball and pickle ball. The LS Tennis Teams will use these courts during the spring season.		
Benefit: Distributed recreational opportunities are important as part of a healthy community. Featherland is located in a residential area and is easily assessable by roads, sidewalks and the proposed Bruce Freeman Rail Trail. Tennis, Basketball and Pickle ball can be played by residents of all ages and abilities. The only publically available basketball and pickle ball courts are at Fairbanks. The LS Tennis Team will be able to provide a full JV and Varsity team training and competition using these courts.		
Last time this was replaced (i.e., year roof was previously replaced or year vehicle): 1987.	Typical Replacement Cycle: Resurfaced at 8 years, cracks repaired as needed.	
Alternatives Considered/Reasons for Rejecting Alternatives: Leave courts as is. There is a clear message from residents that they want these courts. LS Tennis teams will benefit from these.		
Consequences of Not Implementing/Delaying Implementation: See above.		
Other Pertinent Background Information (e.g., Quotes, Brochures, Pictures, etc): See attached document prepared by the Park and Rec Commission.		

Rebuild Featherland Multisport Courts

History

The Featherland Tennis Courts have become a key component of Sudbury recreational opportunities for many generations. The construction history is:

- Two courts were built in 1961
- Two courts were built in 1965
- All courts color coated in 1966
- All courts color coated in 1976
- All courts rebuilt in 1987.

After the winter of 2014-2015 and record breaking snow fall, snow plows caused damage to the posts and fencing around the courts. Without knowledge of the Park & Rec Commission (PRC), someone in town instructed the DPW to take down the fencing, tennis nets and trees between the courts. Sudbury residents submitted complaints to the PRC and the Acting Town Manager.

The PRC initially submitted the Featherland tennis court project to the CPC in November of 2015. However, the PRC later received information that the project would be funded as part of the town manager's budget so on December 2, 2015 the PRC pulled the submission from the CPC. In January 2016 the CIAC decided that they were against the Featherland tennis court project. In a memo dated March 7th, 2016, from the CIAC to FinCom and Selectmen, the CIAC recommended that the neighborhood group of residents work with the PRC to determine the highest and best use of the recreational area then submit a request for CPA funds for the project. The PRC then decided to submit the project for a capital debt request for the 2016 Town Meeting. Voters rejected the capital debt request on the ballot in May 2016 along with most of the other capital improvements which would have resulted in higher property taxes.

PRC is submitting a new request to CPC for a multisport court reconstruction at Featherland to rehabilitate a currently owned town asset and meet the needs to many user groups.

Supporting Research and Community Input

Open Space plan

The 2009 – 2013 Open Space and Recreation Plan published in June 2009 includes survey results from Sudbury residents. The results show that sports courts (tennis, basketball, deck hockey, etc) were high priority for 261 of the 540 survey respondents. See Appendix B, page 7 of the Plan available on the Sudbury town website.

National Park and Recreation Association

The National Park and Recreation Association (NRPA) has researched the importance of parks in communities nationwide. They have found youth living in neighborhoods with multiple recreation and

park facilities are more likely to be active five times a week, compared to young people who don't have access to any. Increased access to places for physical activity leads to 25% increase in people exercising more than 3 times a week. Recreational opportunities aid in preventing obesity, managing chronic diseases and supported better mental health. See NRPA.org Fact Sheets for details.

The NRPA also suggests that distributing recreational opportunities throughout the community allowing people easy access from homes and work encourages residents to use the facilities. Featherland is centrally located and accessible to many more residents by sidewalks, driving and the proposed Bruce Freeman Rail Trail. The only other publically available basketball courts are at Fairbanks.

Providing half-court basketball option at Featherland will provide an opportunity for LS students who park there to play after school, thus getting some exercise and reducing stress, before going to their after school activities.

Lincoln Sudbury Varsity and Junior Varsity Tennis teams

After consulting with the Varsity and Junior Varsity tennis coaches at LS, Peter Elenbaas (LS Athletic Director) confirmed that the tennis teams would use the rebuilt tennis courts at Featherland for both practices and matches.

Prior to Featherland courts being dismantled, the girls and boys teams used LS and Featherland courts for practices and matches. The competition schedule is set up so one team travels while the other team hosts for each school they play. Within the competition, there are varsity and JV matches. The varsity matches are played on 5 of the 6 LS courts. One JV match is on the remaining LS court. Without the Featherland courts, the remaining 4 JV matches have to wait until after the varsity matches completed. Often there isn't enough time for the JV matches. Once Featherland is rebuilt, all the varsity and JV matches will happen at the same time.

Prior to Featherland being dismantled, LS was able to have a full roster of both JV and Varsity. Since spring 2015, the JV team has been limited because of the court space. When the Featherland courts are rebuilt, they will have the court space for a full complement of JV players.

PRC Public Hearing October 5th, 2015

The PRC was considering replacing the dismantled tennis courts with small baseball fields and they held a public hearing. Approximately 50 residents attended. Several people were there to express the need for small baseball field, many residents were there to protest losing these tennis courts rather than rebuilding them. After this meeting, the proposal to build small baseball fields was withdrawn by LS Youth Baseball.

May 2016 Special Election

Though the capital debt ballot in May 2016 for replacing the Featherland Tennis Courts ultimately failed, there were 724 voters who were willing to have an increase to their property tax to rebuild these courts. That proposal was for only tennis courts –pickle ball, basketball and handicap access were not included.

Survey of Interested Residents

Following CIAC's recommendations, the neighborhood group spearheaded by Mark Waiting (10 Codman Drive) surveyed interested residents via email and Facebook to determine the interest in overall layout of the facility. After verifying respondents as Sudbury residents, the results show:

- 73% of the respondents live more than 1 mile from Featherland
- 69% want 4 tennis courts
- 44% want some combination of tennis, pickle ball and basketball
- 49% said they'd play tennis several times a week; 29% said they'd play once a week.

Proposal - \$220,000 - Featherland Multisport Court Reconstruction

This project is a rehabilitation of currently owned town asset and provides recreational opportunities for multiple users group. This proposal meets the CPA requirements.

PRC is requesting to rebuild four tennis courts enclosed in fencing. They would be oriented on the property as they were in the past with two pairs of courts each enclosed. To facilitate visual separation between the courts, there would be a wind screen installed on the separating fence.

On one pair of courts, there will also be pickle ball lines – one set on each tennis court.

On the other pair of courts, there would be four half-court basketball hoops with key and three point lines drawn.

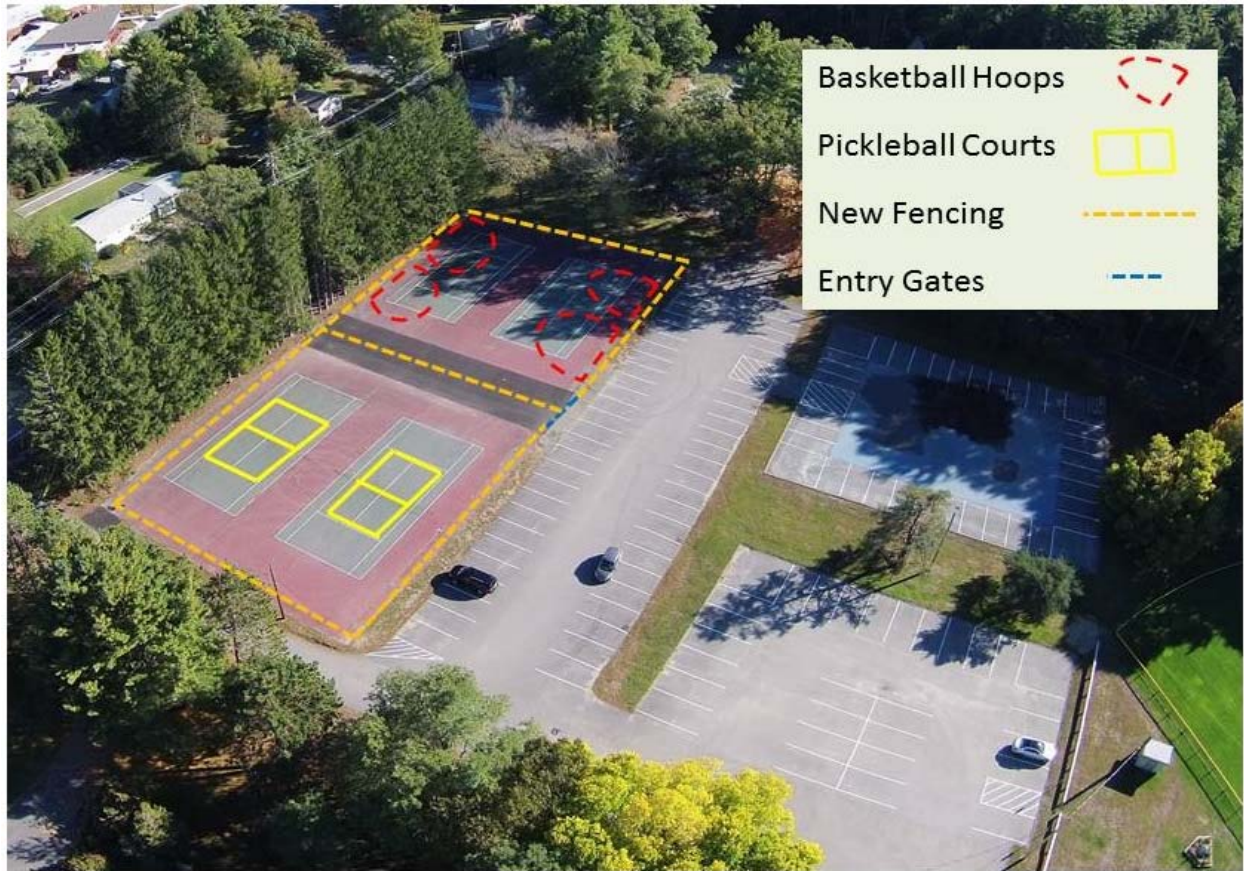
The court gate openings and ramps would be wide enough and paved entry to the parking lot to allow for wheel chair access. Adaptive tennis and basketball require no other facility alteration. There would be two handicap accessible parking spots.

The courts would be positioned away from the parking lot to prevent future damage to fencing and posts from snow plows.

Once completed, the land around the courts will be graded with topsoil and grass seed.

We have a budgetary quote from Westboro Tennis Resurfacing for \$202K. We are requesting an additional \$18K for permits and contingency.

Proposed Layout Of Courts In Existing Space:



Images of Similar Courts





Mara Huston <marah@hustonfam.net>

Pulverize Sudbury Mara Huston.doc

wts@westborotennisswestborotennissurfaces.comurfaces.com

Tue, Dec 6, 2016 at 6:49

<wts@westborotennissurfaces.com>

AM

Reply-To: wts@westborotennissurfaces.com

To: Mara Huston <marah@hustonfam.net>

please let me know that you received this latest proposal -
Thanks -Joe

Proposal By: Westboro Tennis

Surfaces

TO: Mara Huston

marah@hustonfam.net

Sudbury Park and Recreation

40 Fairbanks Road

Sudbury, MA 01776

For: Reconstruction Asphalt to Asphalt
242 ft x 110 ft

December 6, 2016

4 Tennis Courts to include

4 half Basketball Courts and

2 Pickleball Courts

Page 1 of 3

We will perform the following work and provide the materials indicated:

1. The existing surface shall be pulverized to a depth of approximately 6" turning the surface into crushed stone. The surface shall be graded with a laser guided grader and compacted to a slope of 1" in 10' according to USTA specifications in order to achieve a finished tolerance not to vary more than 1/4" in 10'.

2. The new court dimensions shall measure 110 ft x 242 ft. (with the 242 ft headed in North/South direction)

3. The pulverized material shall be laser graded as many times as necessary to reach a tolerance not to vary more that 1/4 inch in 10 feet when measured in any direction with a 10 foot straight edge.

4. At this stage, all fence post and net post foundations shall be dug, poured and set in concrete with sleeves. This is to insure that there are no shrinkage cracks between the asphalt surface and the concrete fence and net post foundations that occur when the fencing is installed following the paving. The fence post foundations shall be twelve inches by twelve inches (12"x12") at the top and measuring four feet (4') deep. The net post holes will measure two feet by two feet (2' x 2') at the top, four feet (4') deep and bell out to thirty-six inches (36") at the bottom to prevent heaving. The center anchor shall be set in concrete measuring twelve inches by twelve inches by twelve inches (12"x12"x12"). All fence posts shall be black vinyl coated, terminal and corner fence posts shall be 2.875" O.D. Line posts shall be 2.375" O.D. It must be noted that paving shall be continuous in that each pass must be completed in order to eliminate the occurrence of cold joints. In addition to the above, 4 heavy duty Super Six basketball units, manufactured by Douglas Industries, shall be installed with the holes measuring 2 ft x 2 ft at the top and 4 ft deep belling out to 36 inches at the bottom to

Page 2 of 3

prevent heaving.

5. One inch of stone dust or 140 tons shall be spread, laser graded, and compacted.

6. The court area shall then be re-fine graded in preparation for the paving, again to meet the finished tolerance of 1/4" in 10'.

7. The existing court areas shall be surfaced with a 2 course pavement of I-1 Bituminous Concrete which will measure 3" after compaction with a power roller to meet a surface tolerance not to vary more than 1/8" in 10'.

8. At this point, the remaining fence frame work consisting of one and five eighth inch (1 5/8") top rail, corner and terminal braces shall be installed. Also to be installed is a bottom rail around the entire perimeter of the court. The entire fence area shall be ten feet (10') high. From the 10' framework eight (8) gauge one and three quarter inch (1 3/4") black vinyl coated fabric shall be hung. The fence shall measure 804 feet with one double swing access gate and three 4 ft x 7 ft entry gates.

9. Four sets of external wind net post in sleeves shall be installed, which will be removable. Four Court Master DHS nets with anchors and center straps will be hung. The anchors will be set in 1 ft of concrete.

10. The court will be covered with a four coat system of acrylic tennis court surfacing DECO COLOR in your choice of colors.

11. The lines will be painted with 2 coats of textured white line paint.

12. The tennis court lines will be painted white. Four sets of basketball keys with 3 point lines shall be painted in a slightly lighter color than the court colors chosen. Two sets of Pickleball lines shall be painted on the other 2 sets of tennis courts not effected by the basketball hoops.

13. Any areas disturbed by construction around the perimeter of the courts shall be topsoiled and seeded.

14. A handicap ramp shall be installed and parking lines shall be installed to the designated specifications.

15. Also to be noted, the area to be paved will be approximately 270 ft x 115 ft as well an additional 10 ft x 14 ft driveway entrance on one end (the tennis court

Page 3 of 3

fencing imprint within this area shall be 240 ft x 108 ft) Where the tennis courts abut any grass areas, paving shall extend one foot beyond the fence line.

The budget price for the above for _____ \$202,000.00

Owner shall be responsible for any permits needed.

NOTE: Should any conditions warrant more gravel, the cost would be \$24.00 per ton, plus tax, spread and compacted in place.