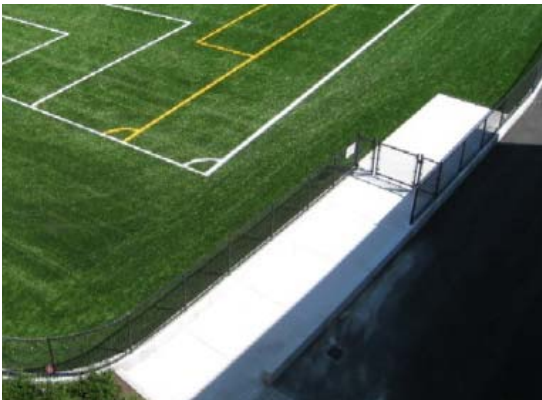




ATHLETIC FIELDS MASTER PLANNING

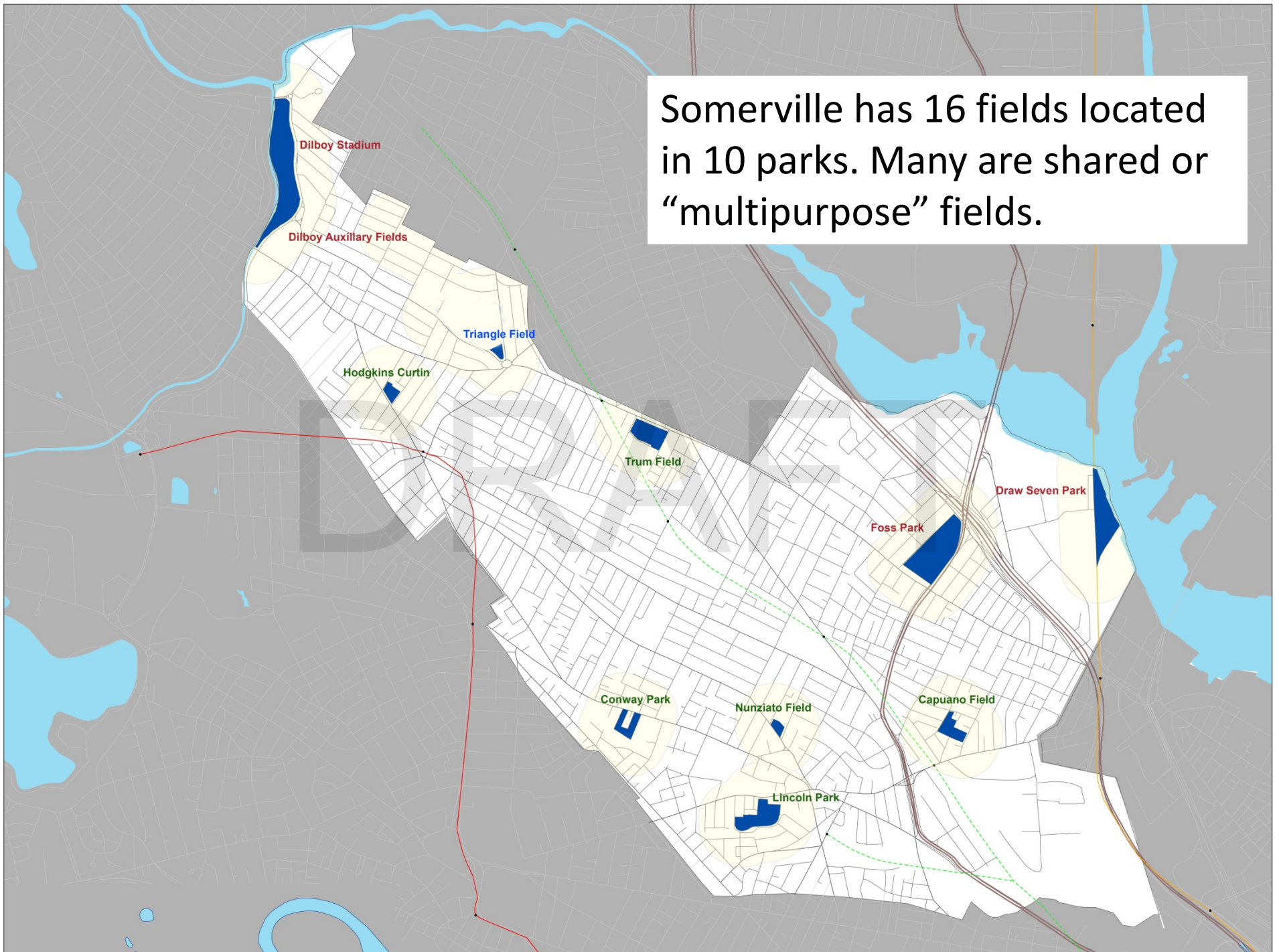
Staff Report



Guiding principles

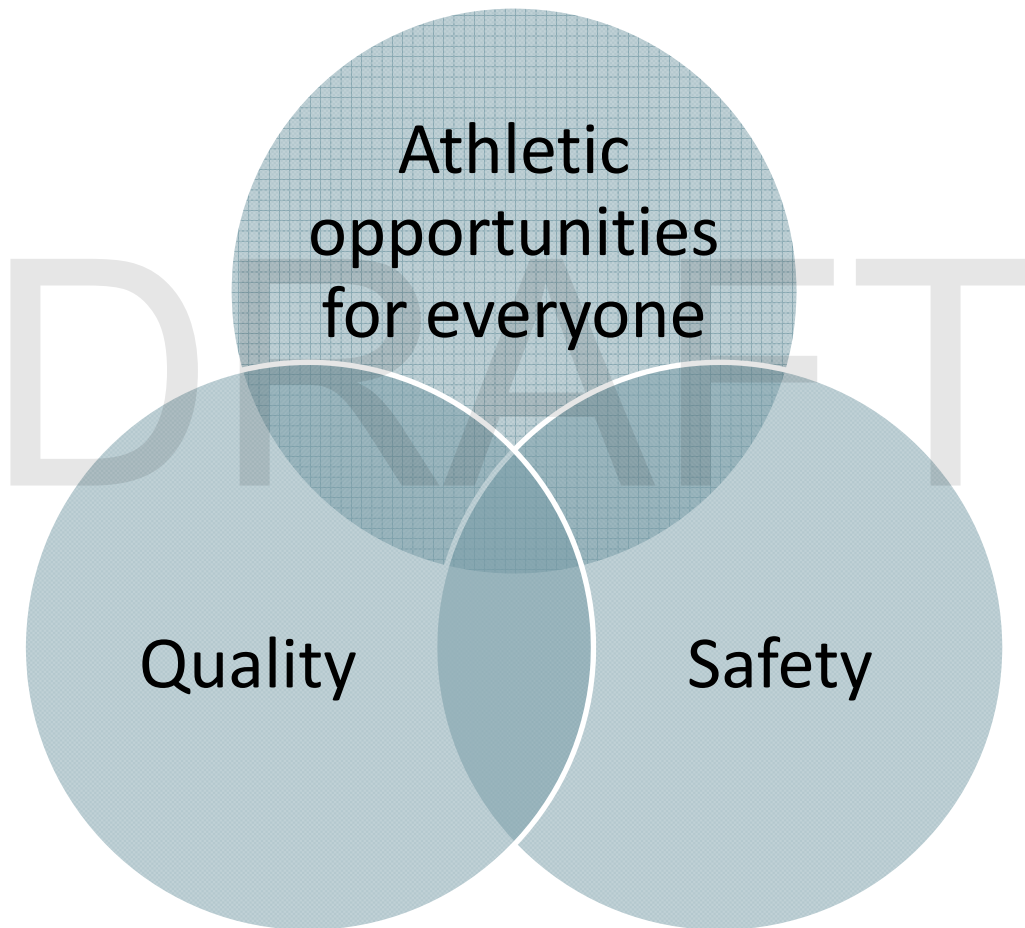
- Meet community's values and athletic needs
- Due to ever-evolving needs and factors beyond the City's control (i.e., non-City-owned fields), balance predictability and flexibility
- Base plan in data
- Build as component of Open Space & Recreational Plan
- Update regularly

Somerville has 16 fields located in 10 parks. Many are shared or “multipurpose” fields.



**Our parks & open space
a citywide resource**

Start with our community values



Recognize that athletics fields are a unique open space resource

- They accommodate a specific use that cannot be accommodated elsewhere
- This use is intensive & creates unique maintenance and investment challenges
- Bottom line: we have to treat them differently in terms of planning, access & maintenance

Our challenge

- How do we balance user needs and available resources in a way that is consistent with our community values?

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Agenda

1. Somerville's fields permitting process
2. Data analysis
3. Master planning
4. Fields maintenance

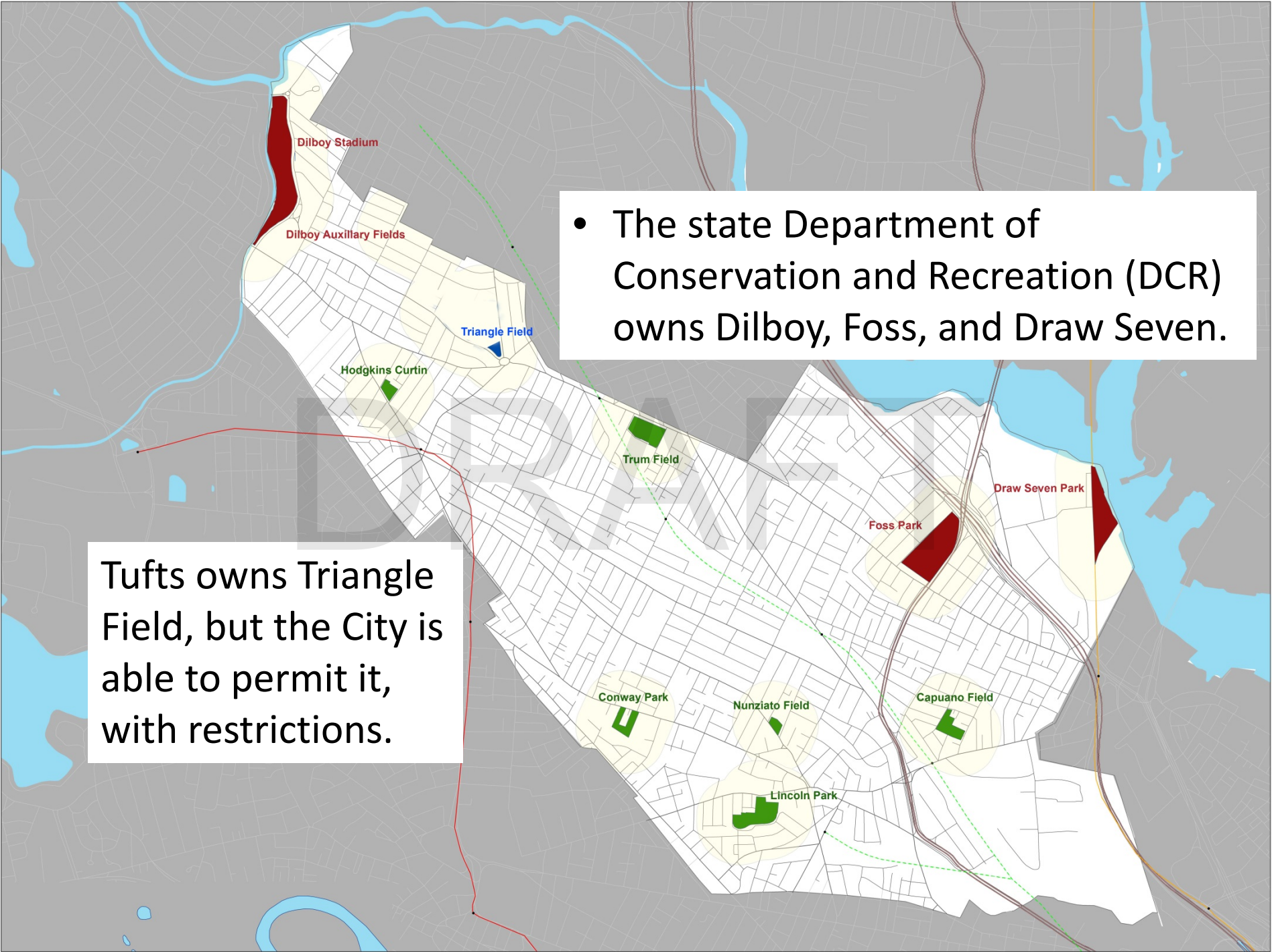
1. Permitting

DRAFT

Somerville's field permitting process

- City permits organized athletic events on City-owned and managed fields in spring, summer, and fall (Apr. 1 – Nov. 30)

DRAFT

- 
- The map shows the Tufts University campus with various fields and parks highlighted. Dilboy Stadium and Dilboy Auxiliary Fields are in the top left, colored dark red. Triangle Field is in the center, colored blue. Hodgkins Curtin is in the center-left, colored green. Trum Field is in the center, colored green. Conway Park is in the bottom left, colored green. Nunziato Field is in the bottom center, colored green. Lincoln Park is in the bottom center, colored green. Foss Park is in the bottom right, colored dark red. Capuano Field is in the bottom right, colored green. Draw Seven Park is in the bottom right, colored dark red. A red line connects the text box to Triangle Field. A green dashed line runs diagonally across the campus. A blue line runs along the top edge. A brown line runs along the right edge. A yellow line runs along the bottom edge. A grey line runs along the left edge. A light blue area is on the right side. A dark blue area is on the left side. A light grey area is in the center. A dark grey area is in the bottom right. A white area is in the top left. A yellow area is in the center. A green area is in the bottom left. A dark red area is in the bottom right. A blue area is in the center. A brown area is in the bottom right. A light blue area is on the right side. A dark blue area is on the left side. A light grey area is in the center. A dark grey area is in the bottom right. A white area is in the top left. A yellow area is in the center. A green area is in the bottom left. A dark red area is in the bottom right.
- The state Department of Conservation and Recreation (DCR) owns Dilboy, Foss, and Draw Seven.

Tufts owns Triangle Field, but the City is able to permit it, with restrictions.

DCR fields

- Through a management agreement with DCR, the City is able to permit Dilboy.
 - However, the City must permit Dilboy as a regional facility (~50% of hours for non-Somerville use)
 - Permit fees must offset the facility's operating costs
- The City cannot permit Draw 7 or Foss.

How Somerville prioritizes user groups

1. High school
2. City of Somerville Recreation
3. Somerville youth athletic leagues
4. Somerville adult athletic leagues
5. Non-Somerville youth athletic leagues
6. Non-Somerville adult athletic leagues

What about “open” access to our athletic fields?

- All organized events must permit the fields
- However, community members may use fields for non-intensive, casual use (i.e., non-organized events) if the fields are not permitted & not under active maintenance

How Somerville permits fields



Somerville Recreation & Youth

[Browse Activities](#)

by Age
by Grad

- Home
- Announcements
- Team Info
- Activities
- Facilities
- Dept Info
- Meetings
- News
- Affiliates
- Gallery
- Help
- How to Register
- Contact
- Calendar
- City Site

Somerville Recreation Department

The Somerville Recreation Department is proud to provide the City of Somerville with our activity registration system and website. To get started please [Create an Account](#) with all your household information. The data provided; emergency contacts, allergies info and more, will help us better serve you. This info will also automatically fill out your registration forms.

When you're ready to complete a registration form for [activities](#) be sure to review the [How to Register for an Activity](#) page.

Contact Info
Contact the Office: [Somerville Recreation Department](#)
Phone: 617-625-6600 ext. 2980
Office Hours: 8:30AM - 4:30PM

Follow Us On...



Announcements

- New Scholarship Sliding Scale Fee Application. See Dept Info under forms section. ([Read More](#))
- New Advertising Opportunities Verterans & Founders Ice Skating Rinks. See Dept Info under forms ([Read More](#))
- The City of Somerville outdoor athletic fields are closed for the season. For more information ... ([Read More](#))
- Somerville Youth Lacrosse Somerville will be offering boys and girls youth lacrosse starting ([Read More](#))

Account Info

- Account Login
- Create Account

2. Data analysis

Data sources

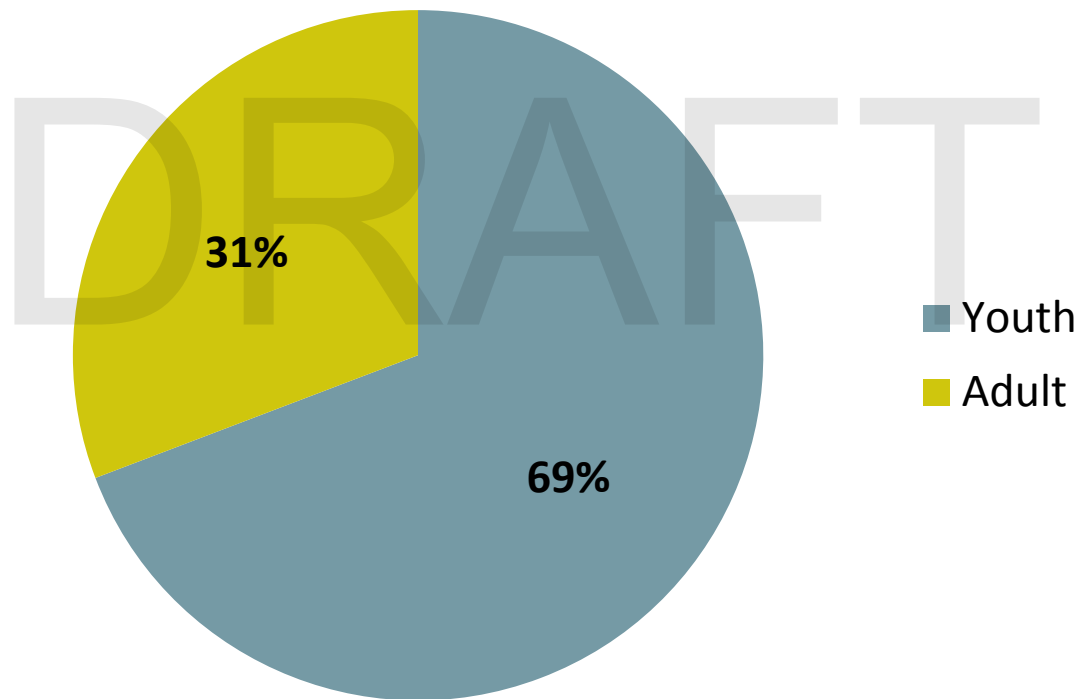
- Key source = MyRec permit data
 - City-owned and managed fields only
- Fields analysis process to date has provided additional quantitative & qualitative data
 - Somerville by Design Green Spaces Community Places, part of Open Space & Recreation Plan process
 - Gale report
 - Fields task force

Data takeaways

1. Vast majority of users are youth & Somerville residents
2. Usage of athletic fields is high & growing
3. The data is nuanced: this is not a simple supply & demand story.
 - a. Our biggest need is for large and medium rectangle fields
 - b. It's all about peak hours

Youth use our fields 2/3 of the time

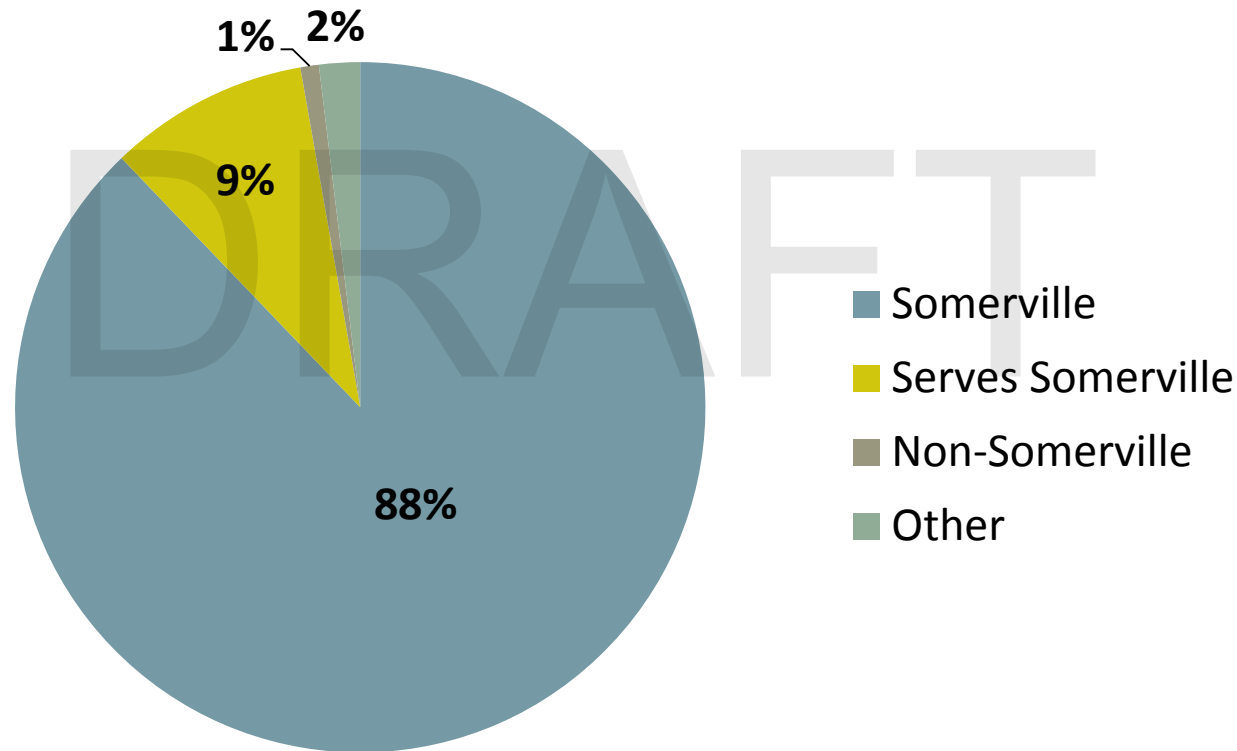
Field usage by age group*



*Excludes Dilboy Stadium; data for City-owned and managed fields only

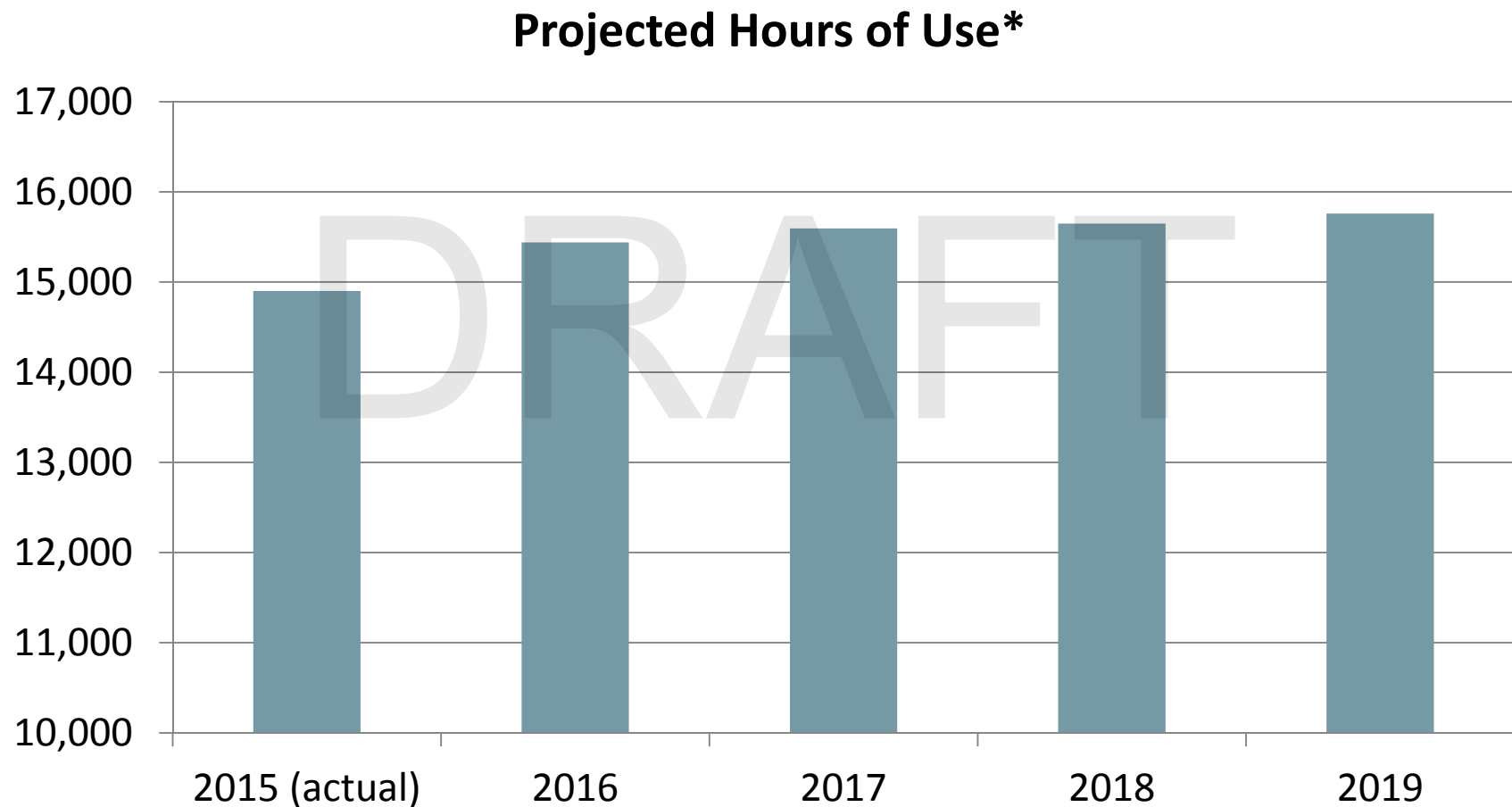
Somerville residents are on our fields over 90% of the time

Field usage by organization affiliation*



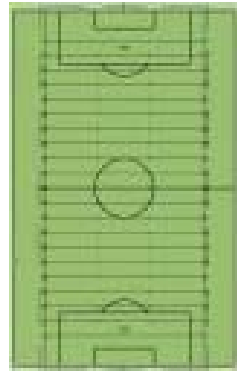
*Excludes Dilboy Stadium; data for City-owned and managed fields only

Athletic field use is high and growing



*Includes expanded SYSL hours on Tufts C & J fields and Medford field as well as projected growth in lacrosse program

Especially for L & M rectangle fields



Extra Large
(XL)



Large
(L)



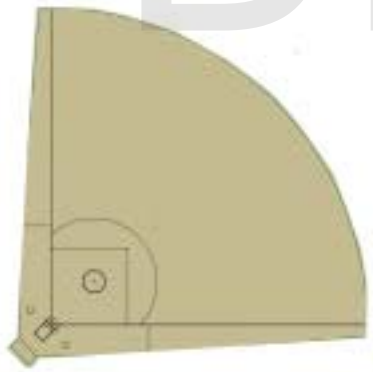
Medium
(M)



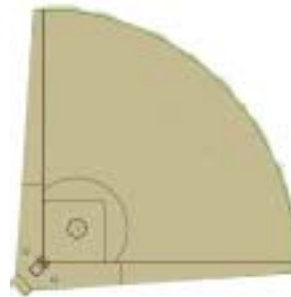
Small
(S)



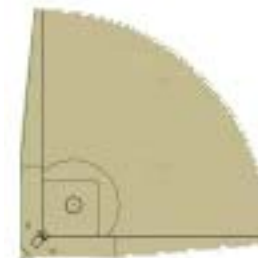
Extra Small
(XS)



Large



Medium



Small

This is not a simple supply & demand analysis in part because different uses require different field sizes. Smaller uses can play on larger fields, but larger uses should not play on smaller fields.

A guide to field sizes

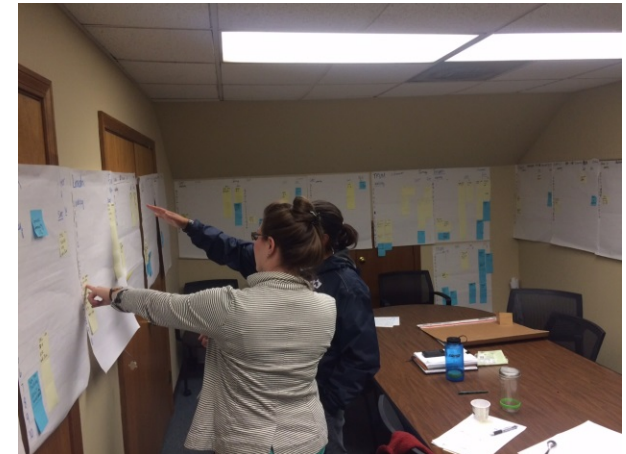
Type	Size			
	CoS Nomenclature	Traditional nomenclature	Min. width x length (yards)	Min. acres
Rectangle	XL	Football field	53.3 x 120	1.32
	L	U14	50 x 100	1.03
	M	U12	45 x 70	0.65
	S	U10	35 x 45	0.33
	XS	U8 or smaller	20 x 25	0.10
Diamond	L	Baseball		
	M	Softball		
	S	Little league		

Inventory of current fields by size

Type	Size	Number	Fields
Rectangle	XL	1	Dilboy Stadium (1, turf)
	L	4*	Dilboy Aux A (1 shared) Lincoln (1, not regulation) Foss (2; 1 shared)
	M	1*	Conway (1 shared)
	S	2	Capuano (1, turf) Nunziato (1)
	XS	1	Triangle (1)
Diamond	L	2*	Foss (1 shared) Trum (1)
	M	4	Foss (2) Lincoln (1) Trum (1)
	S	4*	Conway (2 shared) Dilboy Aux B (1) Hodgkins-Curtin (1)

And during peak hours (M-F, 3-10, Spring & Fall)

Lincoln (M/L rectangle)



Spring

	Mon	Tues	Weds	Thurs	Fri	Sat	Sun
8-8:30							
8:30-9							
9-9:30							
9:30-10							
10-10:30							
10:30-11							
11-11:30							
11:30-12	Recess	Recess	Recess	Recess	Recess		Sporadic adult uses
12-12:30							
12:30-1						SYSL U8 Games	
1-1:30							
1:30-2							
2-2:30							
2:30-3							
3-3:30							WAKA Kickball
3:30-4	SHS Ultimate	SHS Ultimate	SHS Ultimate	SHS Ultimate	SHS Ultimate		
4-4:30	Frisbee A Practice	Frisbee A Practice	Frisbee A Practice	Frisbee A Practice	Frisbee A Practice		
4:30-5							
5-5:30							
5:30-6							
6-6:30							
6:30-7							
7-7:30	SYSL U8 Practice	SYSL U8 Practice	SYSL U8 Practice	SYSL U8 Practice	SYSL U8 Practice		
7:30-8							
8-8:30							
8:30-9							
9-9:30							
9:30-10							
10-10:30							
10:30-11							

Fall

	Mon	Tues	Weds	Thurs	Fri	Sat	Sun
8-8:30							
8:30-9							
9-9:30							
9:30-10							
10-10:30							
10:30-11							
11-11:30							
11:30-12	Recess	Recess	Recess	Recess	Recess		
12-12:30							
12:30-1						SYSL U12 Games	
1-1:30							
1:30-2							
2-2:30							
2:30-3							
3-3:30							
3:30-4	SHS Soccer Practice	SHS Soccer Practice	SHS Soccer Practice	SHS Soccer Practice			
4-4:30							
4:30-5							
5-5:30							
5:30-6							
6-6:30							
6:30-7							
7-7:30	SYSL U12 Practice	SYSL U12 Practice	SYSL U12 Practice	SYSL U12 Practice	SYSL U12 Practice		
7:30-8							
8-8:30							
8:30-9							
9-9:30							
9:30-10							
10-10:30							
10:30-11							

Most uses must be played during a specific time (e.g., SHS practice is between 3:30 & 5:30). Highest demand is during peak hours.

Capuano (S rectangle) Spring

	Mon	Tues	Weds	Thurs	Fri	Sat	Sun
8-8:30							
8:30-9							
9-9:30							
9:30-10							
10-10:30							
10:30-11							Valeo Youth Soccer
11-11:30							
11:30-12							
12-12:30							
12:30-1						SYSL U10 Games	
1-1:30							
1:30-2							
2-2:30							
2:30-3							
3-3:30							
3:30-4							
4-4:30							
4:30-5							
5-5:30							Adult Flag Football & Soccer
5:30-6							
6-6:30							
6:30-7	SYSL U10 Practice	SYSL U10 Practice	SYSL U10 Practice	SYSL U10 Practice	SYSL U10 Practice		
7-7:30							
7:30-8							
8-8:30							
8:30-9							
9-9:30							
9:30-10							

Conway (multipurpose) Spring

	Mon	Tues	Weds	Thurs	Fri	Sat	Sun
8-8:30							
8:30-9							
9-9:30							
9:30-10							
10-10:30							
10:30-11							
11-11:30							
11:30-12							
12-12:30							
12:30-1							
1-1:30							
1:30-2							
2-2:30							
2:30-3							
3-3:30							
3:30-4							
4-4:30							
4:30-5							
5-5:30	SYLL Practice	SYLL Practice	SYLL Practice	SYLL Practice	SYLL Practice		
5:30-6							
6-6:30							
6:30-7							
7-7:30							
7:30-8							
8-8:30							
8:30-9	WAKA Kickball	Somerville Rec SB	WAKA Kickball	Somerville Rec SB			
9-9:30							
9:30-10							

Dilboy A (multipurpose) Spring

	Mon	Tues	Weds	Thurs	Fri	Sat	Sun
8-8:30							
8:30-9							
9-9:30							
9:30-10							
10-10:30							
10:30-11							
11-11:30							
11:30-12							
12-12:30							
12:30-1							
1-1:30							
1:30-2							
2-2:30							
2:30-3							
3-3:30							
3:30-4							
4-4:30	SHS Baseball Practice	SHS Baseball Practice	SHS Baseball Practice	SHS Baseball Practice	SHS Baseball Practice		
4:30-5							
5-5:30							
5:30-6							
6-6:30							
6:30-7							
7-7:30	BSSC Softball	BSSC Softball	BSSC Softball	BSSC Softball			
7:30-8							
8-8:30							
8:30-9							
9-9:30							
9:30-10							

Fall

	Mon	Tues	Weds	Thurs	Fri	Sat	Sun
8-8:30							
8:30-9							
9-9:30							
9:30-10							
10-10:30							
10:30-11							
11-11:30							
11:30-12							
12-12:30							
12:30-1						SYSL U10 Games	
1-1:30							
1:30-2							
2-2:30							
2:30-3							
3-3:30							
3:30-4							
4-4:30							
4:30-5							
5-5:30							
5:30-6							
6-6:30							
6:30-7	SYSL U10 Practice	SYSL U10 Practice	SYSL U10 Practice	SYSL U10 Practice	SYSL U10 Practice		
7-7:30							
7:30-8							
8-8:30							
8:30-9							
9-9:30							
9:30-10							

Fall

	Mon	Tues	Weds	Thurs	Fri	Sat	Sun
8-8:30							
8:30-9							
9-9:30							
9:30-10							
10-10:30							
10:30-11							
11-11:30							
11:30-12							
12-12:30							
12:30-1							
1-1:30							
1:30-2							
2-2:30							
2:30-3							
3-3:30							
3:30-4	SHS Football Practice	SHS Football Practice	SHS Football Practice	SHS Football Practice			
4-4:30							
4:30-5							
5-5:30							
5:30-6							
6-6:30							
6:30-7	SYSL	SYSL	SYSL	SYSL			
7-7:30							
7:30-8							
8-8:30	WAKA Kickball	SBS Soccer	WAKA Kickball	Rampage Football	BUDA Ultimate Frisbee		
8:30-9							
9-9:30							
9:30-10							

Fall

	Mon	Tues	Weds	Thurs	Fri	Sat	Sun
8-8:30							
8:30-9							
9-9:30							
9:30-10							
10-10:30							
10:30-11							
11-11:30							
11:30-12							
12-12:30							
12:30-1							
1-1:30							
1:30-2							
2-2:30							
2:30-3							
3-3:30							
3:30-4	SHS Soccer Practice	SHS Soccer Practice	SHS Soccer Practice	SHS Soccer Practice	SHS Soccer Practice		
4-4:30							
4:30-5							
5-5:30							
5:30-6							
6-6:30	SYSL/ Valeo	SYSL/ Valeo	SYSL/ Valeo	SYSL/ Valeo	SYSL/ Valeo		
6:30-7							
7-7:30							
7:30-8							
8-8:30							
8:30-9							
9-9:30							
9:30-10							

Trum (M & L
diamond)

Spring

[illegible]

Fall

[illegible]

Data takeaways

1. Vast majority of users are youth & Somerville residents
2. Usage of athletic fields is high & growing
3. The data is nuanced: this is not a simple supply & demand story.
 - a. Our biggest need is for large and medium rectangle fields
 - b. It's all about peak hours

We currently accommodate this demand by allowing permitting during all available hours



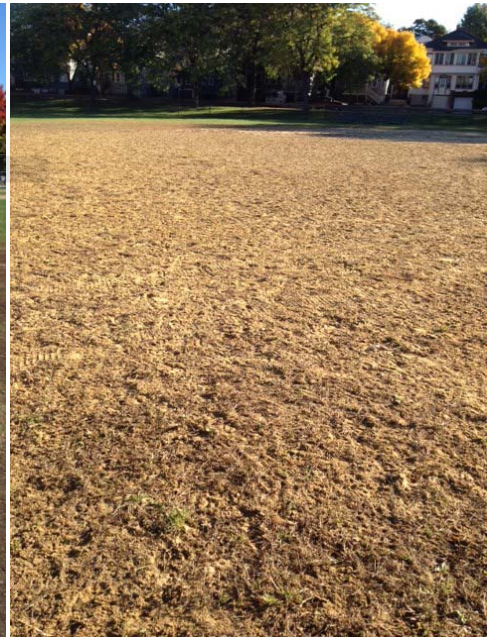
Nunziato



Lincoln



Conway



Dilboy

This has a clear impact on the quality of our fields.

Best practices = better athletic fields

Best practices for natural grass use:

- 500 hours per year for rectangular sports
- 800 per year for diamond sports

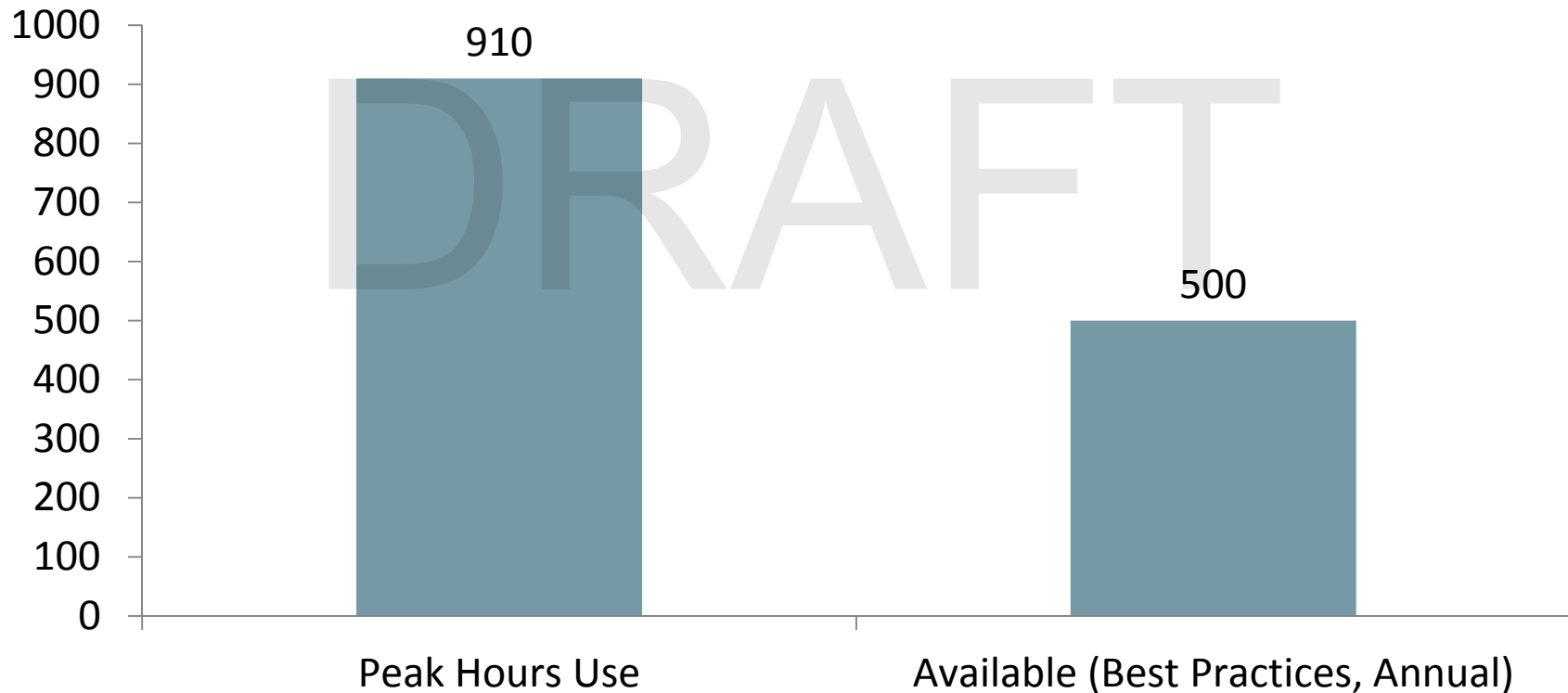
Maintenance is also an important part of this story,
and we will address it later in this presentation

New City policy for natural grass fields

**When we reconstruct an athletic field
with natural grass, we will abide by
best practices for hours of use**

Adhering to best practices for natural grass

Peak hours v. best-practices hours available on rectangle field



3. Master planning

Strategies

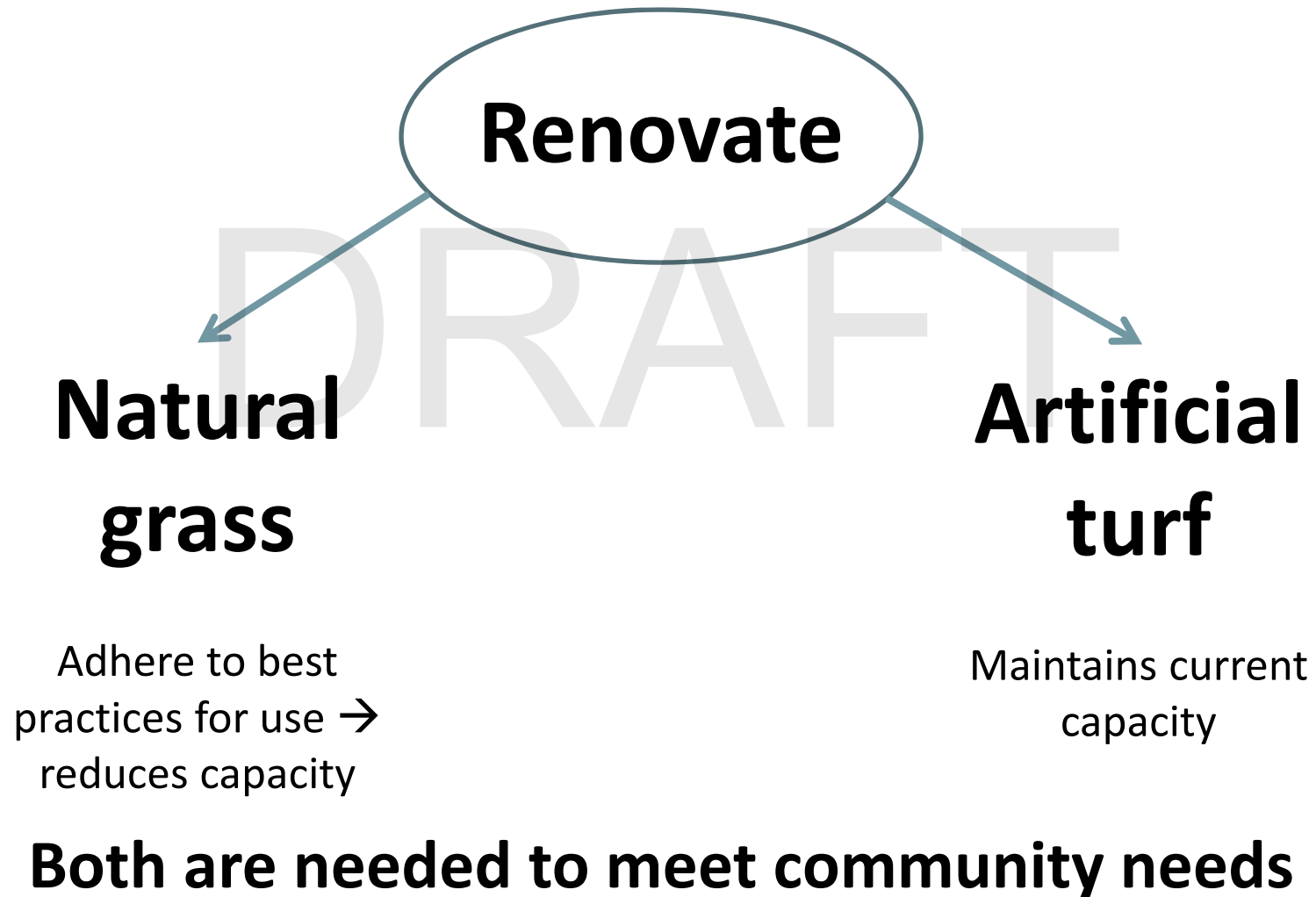
1. Renovate existing athletic fields
2. Add new athletic fields
3. Status quo permitting under specific circumstances
4. Potential future option: limit usage

1. Renovate existing fields

- a. To improve quality
- b. To improve efficiency
- c. To add lighting

DRAFT

1a. Improving quality



1b. Improving efficiency

- Dilboy Aux B is currently underutilized as a little league field because the outfield is too small.
- We can improve the efficiency of the field by replacing the small diamond with a medium rectangle.



Dilboy Aux

1c. Adding lighting

- Lights can add up to 600 hours of playing time per field per year
- Fields without lights: Dilboy Aux A & B (not City-owned), Triangle (not City-owned), Hodgkins-Curtin, Draw 7
- But it doesn't always make sense to add lights.

Key fields to renovate

- Criteria:
 - Ownership
 - Current condition
 - Size
 - Other factors (e.g., storm water management project)

Key fields to renovate

(not necessarily in priority order)

Field	Ownership	Size	Condition	Other factors
Lincoln	City	M rectangle	Poor	Key stormwater management site
Conway	City	Can fit L multipurpose rectangle	Poor	
Nunziato	City	S rectangle	Poor	Key stormwater management site
Draw 7	DCR	Can fit XL rectangle	Nonexistent	Snow farm permit requires City to bring field back to pre-farm conditions
Dilboy Aux	DCR	A: L multipurpose rectangle; B: can fit M rectangle	Poor	
Foss	DCR	2 L rectangles (1 multipurpose) + M diamond	Poor	

2. Add new athletic fields

- a. City-owned properties
- b. Acquire new parcels
- c. Development areas
- d. Work with community partners for field time

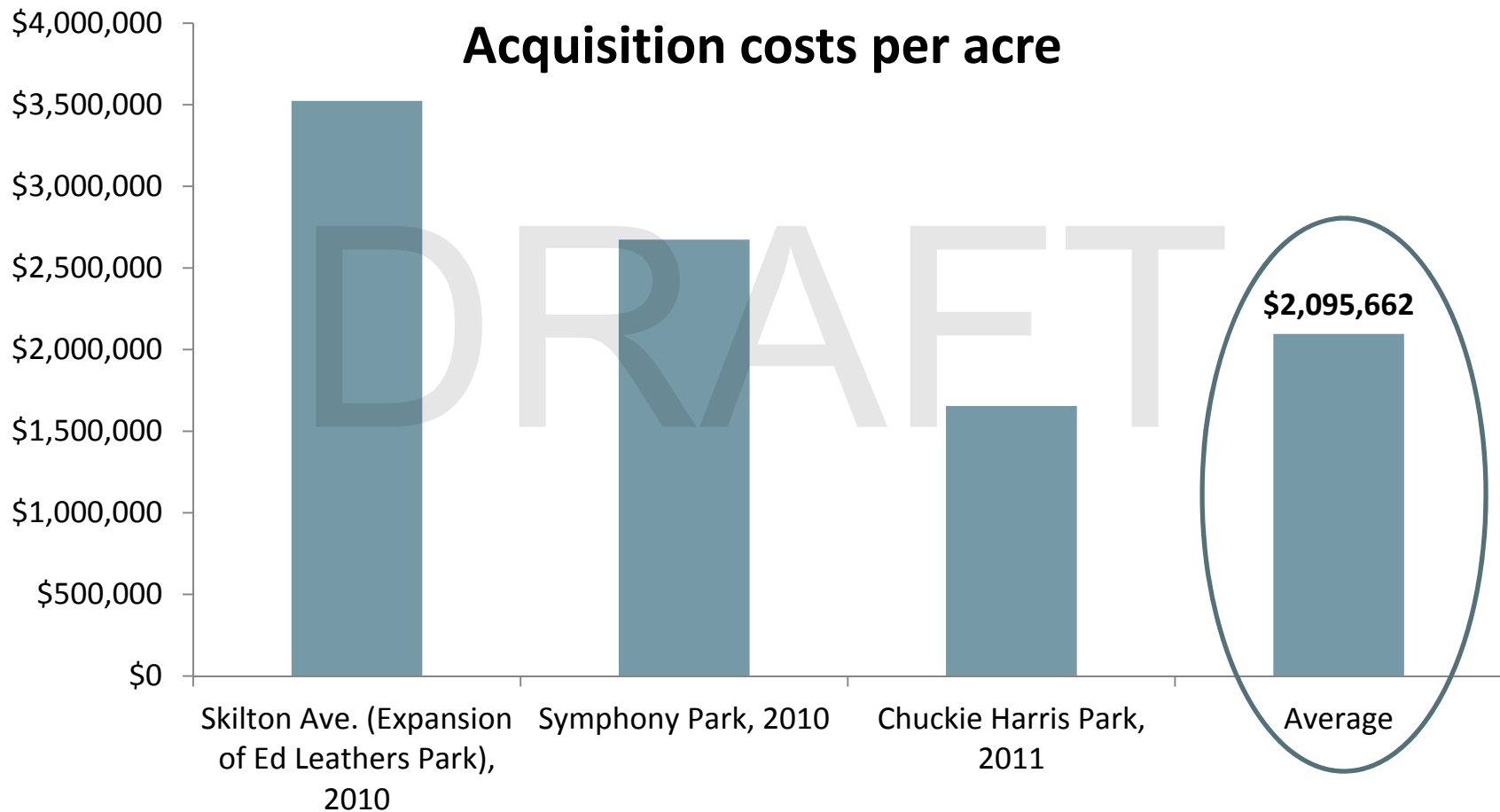
Acreage requirements for M & L rectangle fields are substantial

Type	Size			
	CoS Nomenclature	Traditional nomenclature	Min. width x length (yards)	Min. acres
Rectangle	XL	Football field	53.3 x 120	1.32
	L	U14	50 x 100	1.03
	M	U12	45 x 70	0.65
	S	U10	35 x 45	0.33
	XS	U8 or smaller	20 x 25	0.10
Diamond	L	Baseball		
	M	Softball		
	S	Little league		

2a. City-owned parcels

- No open City-owned parcels are large enough to accommodate a M or L rectangle field
- However, we can use smaller parcels (e.g., schoolyards) to build smaller fields that are primarily for community use

2b. Acquire new parcels for fields



Potential acquisition costs

Type	Size		Acquisition estimate
	CoS Nomenclature	Min. acres	
Rectangle	XL	1.32	\$2,771,123
	L	1.03	\$2,164,940
	M	0.65	\$1,363,912
	S	0.33	\$681,956
	XS	0.10	\$216,494
Diamond	L		
	M		
	S		

In addition to high acquisition costs, opportunities for parcels this large are rare.

2c. New development areas

- The draft Union Square Neighborhood Plan calls for the addition of substantial open space that could be used for an athletic field
- The forthcoming zoning reform includes triggers that would require open spaces large enough to accommodate athletic fields (dependent on the size of the development).
- Important caveats:
 - Transformational areas also have to meet other SomerVision goals (jobs, housing, etc.)
 - Development is 5 to 15 years away → this is a long-term strategy

2d. Work with community partners

- The City has already established relationships with Tufts & Medford for field access
 - Tufts: Triangle, C & J during peak hours & on Saturdays
 - Medford: 1 field on Saturdays
- We are currently exploring additional opportunities with community partners

3. Status quo permitting for specific fields

- Fields that are in relatively good condition that we do not intend to overhaul (e.g., Trum, Hodgkins-Curtin)
- Fields in limbo: currently not in good condition but scheduled for improvement
 - We will continue status quo permitting for these fields in the meantime
 - The City's policy is to adhere to best practices for natural grass fields after we renovate them

Putting it all together

- Building the fields master plan is not a simple analytical task: nearly every piece of the puzzle is dependent on every other piece
- The plan presented here establishes a data-based strategy for achieving the City's goals for increasing access to & improving the quality of our fields
- If we change one piece of the puzzle – which is inevitable given that many variables related to the fields are beyond the City's control – there will be ripple effects. The plan must be fluid & responsive to changes.

- This plan accounts for
 - Field type
 - Field size
 - Scheduling
 - Field ownership
 - Temporary swing space while fields are offline
 - Space for permanently displaced uses
 - Cost considerations

- Implementing the plan will take time.
 - Because of the high level of use on our fields, we can generally only take 1 field offline at a time
 - When we rehab a field as natural grass, we must let the field rest for one year after construction in order to establish a strong root base

- The plan relies heavily on rehabilitating our existing fields.
 - Because of acquisition costs, rehabilitating current assets is more cost effective than acquiring new parcels.
 - It also means we can begin improving our athletic field situation before the transformational neighborhoods come online in 5 to 15 years

- It also introduces artificial turf at several fields
 - Turf provides more playing time per field → more efficient
 - Turf also eliminates the need for field rest after construction → allows us to renovate fields faster
- Some have expressed concern about artificial turf. Fortunately, there are a number of safe and healthy options to choose from.

- It also assumes our efforts to engage community partners continue and that we are able to secure some additional access to non-City fields.

- With the plan outlined here, we can accommodate the majority of current and projected usage for our fields
- There will be less-than-ideal transition periods as we rehabilitate fields
- It does not address every need we have, but it is a concerted step in the right direction

Dilboy Aux

[1] : stripe M rectangle on Dilboy B

[6]: turf Dilboy Aux A & B; convert B to M rectangle; add lights

Dilboy Stadium

Dilboy Auxiliary Fields

Triangle Field

Hodgkins Curtin

Trum Field

Foss

[8] : Rehabilitate entire park

Nunziato

[4] : stormwater project; rebuild grass field

Conway Park

Nunziato Field

Lincoln Park

Conway

[5] : convert multipurpose M rectangle to turf multipurpose L rectangle

Draw Seven Park

Foss Park

Capuano Field

Lincoln

[3] : renovate park, convert rectangle to regulation M grass field

Draw 7

[2] : Level & reseed; stripe L/XL rectangle
[7] : Turf XL field & add lights

Step 1: Dilboy Aux B interim improvements

1. Description: stripe M rectangle over field
 - a. Provides swing space while other fields are offline
2. Recommended surface: no change
3. Duration: one month
4. Displaced uses: essentially none due current underutilization of Dilboy B
5. Requires cooperation from non-City party: no

Step 2: Draw 7 interim improvements

1. Description: level and reseed, stripe L/XL rectangle
 - a. Provides swing space while other fields are offline
 - b. Fulfills City's obligation to return Draw 7 to pre-snow farm conditions
2. Recommended surface: grass
3. Duration: two playing seasons*
4. Displaced uses: none
5. Requires cooperation from non-City party: yes

*Playing seasons = spring & fall

Step 3: Lincoln Park renovation

1. Description: rehabilitate entire park, including massive stormwater storage project
 - a. Convert non-regulation L rectangle to M rectangle
 - b. New drainage, irrigation & lighting for rectangle & diamond fields
2. Recommended surface: grass
3. Duration: three playing seasons*
4. Displaced uses: SHS girls soccer, SHS ultimate frisbee, SYSL, SHS softball, SYSBL
5. Requires cooperation from non-City party: no

*Playing seasons = spring & fall

Step 4: Nunziato renovation

1. Description: rehabilitate entire park,
including massive stormwater storage project
 - a. Rebuild S grass rectangle with new drainage,
irrigation, and lighting
2. Recommended surface: grass
3. Duration: four playing seasons*
4. Displaced uses: SHS ultimate frisbee, SYSL
5. Requires cooperation from non-City party: no

*Playing seasons = spring & fall

Step 5: Conway renovation

1. Description: convert M multipurpose field to L multipurpose field, including new drainage, irrigation, and lighting
 - a. Maintain 2 S diamonds
2. Recommended surface: turf
3. Duration: one playing season*
4. Displaced uses: SHS football, SYSL
5. Requires cooperation from non-City party: no

*Playing seasons = spring & fall

Step 6: Dilboy Aux renovation

1. Description: rehabilitate Dilboy Aux A & B with new irrigation, drainage, and lighting
 - a. Permanently convert underutilized S diamond to M rectangle
2. Recommended surface: turf
3. Duration: one playing season*
4. Displaced uses: SHS soccer, SYSL
5. Requires cooperation from non-City party:
yes

*Playing seasons = spring & fall

Step 7: Draw 7 renovation

1. Description: renovate entire park, including creation of XL rectangle field with new irrigation, drainage, and lighting
2. Recommended surface: turf
3. Duration: two playing seasons*
4. Displaced uses: none
5. Requires cooperation from non-City party:
yes

*Playing seasons = spring & fall

Step 8: Foss renovation

1. Description: Rehabilitate entire park with new playing fields, irrigation, drainage, and lighting
2. Recommended surface: To be determined
3. Duration: To be determined
4. Displaced uses: To be determined
5. Requires cooperation from non-City party:
yes

4. Field maintenance

Natural grass maintenance

- When we reconstruct a field as grass, we will adhere to best practices for use and maintenance
- Maintenance assumes proper installation, including drainage, irrigation, soil, and seed
- Maintenance plan to address daily, weekly, monthly, and annual needs

Natural grass maintenance

- Maintenance program must address:
 - Mowing
 - Soil Improvement
 - Compaction Reduction
 - Seeding
 - Irrigation
- Restricted use:
 - No more than 500 hours on rectangle fields
 - No more than 800 hours on diamond fields
 - Restrict use during wet weather & resting periods

Short-term considerations

- Many of our grass fields are located in low-lying areas and have poor soil, drainage, and irrigation
 - No amount of maintenance can make up for this
 - Renovations will address this

Synthetic turf maintenance

- Annual vendor inspection/care plan
 - Advanced Care Visit
 - Deep field de-compaction
 - Magnet sweep for metal debris
 - Rotary brushing to raise fibers/vibrating screen for debris
 - Infill redistributed using weighted power brush & vacuum
 - Vacuum to remove fine dust and debris
 - Standard Care Visit
 - Sweep field for large debris
 - Brush field in multi-directions to redistribute infill
 - Field de-compaction
 - Re-sweep for fine debris