

**LOCAL PARKS AND RECREATION PROGRAM:
SYNTHETIC TURF PROGRAM**

10 YEAR CATEGORY SUMMARY (in \$1,000s)

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	10 Year Total
1. Wakefield High School Stadium Synthetic Field	982	0	0	0	0	0	0	0	0	0	982
2. Washington-Liberty High School Stadium Field	0	1,180	0	0	0	0	0	0	0	0	1,180
3. Williamsburg Middle School Synthetic Fields	0	1,658	0	0	0	0	0	0	0	0	1,658
4. Synthetic Turf Program	0	0	1,983	1,357	2,320	3,112	2,073	13,991	1,596	3,595	30,027
Total Recommendation	982	2,838	1,983	1,357	2,320	3,112	2,073	13,991	1,596	3,595	33,847

CATEGORY FUNDING SOURCES (in \$1,000s)

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	10 Year Total
New Funding											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	7,025	0	0	7,025
PAYG	0	0	0	0	0	0	0	0	0	0	0
Short Term Finance	491	1,751	1,155	1,357	1,691	1,985	2,073	1,955	798	2,218	15,474
Stormwater Utility Fee Revenue	0	0	0	0	0	0	0	0	0	0	0
Other Funding	491	1,087	828	0	629	1,127	0	5,011	798	1,377	11,348
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
Subtotal New Funding	982	2,838	1,983	1,357	2,320	3,112	2,073	13,991	1,596	3,595	33,847
Previously Approved Funding											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
Subtotal Previously Approved Funding	0	0	0	0	0	0	0	0	0	0	0
Total Funding Sources	982	2,838	1,983	1,357	2,320	3,112	2,073	13,991	1,596	3,595	33,847



1. WAKEFIELD HIGH SCHOOL STADIUM SYNTHETIC FIELD

Project Highlights:

- Design and construction for the replacement of the synthetic turf surfacing on the stadium athletic field.
- Synthetic turf surfacing typically has an eight-year useful life.
- The synthetic turf surfacing at all three high school stadium fields is laid over an underlayment pad to reduce the risk of injuries from falls to the surface.

Associated Plan(s):

Public Spaces Master Plan (PSMP)

Neighborhood(s):

Claremont

Funding Notes: "Other Funding" is the cost share with APS (50%/50%) on high school fields.

New Funding	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total
Short Term Finance	491										491
Other Funding	491										491
Previous Funding											
Total Funding	982	0	0	0	0	0	0	0	0	0	982
Operating Impact	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Design/Procurement for Synthetic Turf Replacement Summer 2022
- Construction for Synthetic Turf Replacement Fall/Winter 2022



2. WASHINGTON-LIBERTY HIGH SCHOOL STADIUM FIELD

Project Highlights:

- Design and construction for the replacement of the synthetic turf surfacing on the stadium athletic field.
- Synthetic turf surfacing typically has an eight-year useful life.
- The synthetic turf surfacing at all three high school stadium fields is laid over an underlayment pad to reduce the risk of injuries from falls to the surface.

Associated Plan(s):

Public Spaces Master Plan (PSMP)

Neighborhood(s):

Ballston-Virginia Square

Funding Notes: "Other Funding" is the cost share with APS (50%/50%) for high school fields.

New Funding	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total
Short Term Finance		590									590
Other Funding		590									590
Previous Funding											
Total Funding	0	1,180	0	0	0	0	0	0	0	0	1,180
Operating Impact	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Design for Synthetic Turf Replacement Summer 2023
- Bidding for Synthetic Turf Replacement Fall/Winter 2023
- Construction for Synthetic Turf Replacement Summer 2024



3. WILLIAMSBURG MIDDLE SCHOOL SYNTHETIC FIELDS

Project Highlights:

- Design and construction for the replacement of the synthetic turf surfacing on the two athletic fields at Williamsburg Middle School.
- Synthetic turf surfacing typically has an eight-year useful life.
- The synthetic turf surfacing at all three high school stadium fields is laid over an underlayment pad to reduce the risk of injuries from falls to the surface.

Associated Plan(s):

Public Spaces Master Plan (PSMP)

Neighborhood(s):

Williamsburg

Funding Notes: "Other Funding" is the cost share with APS (70%/30%) for middle school fields.											
New Funding	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total
Short Term Finance		1,161									1,161
Other Funding		497									497
Previous Funding											
Total Funding	0	1,658	0	0	0	0	0	0	0	0	1,658
Operating Impact	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Design for Synthetic Turf Replacement Summer 2023
- Bidding for Synthetic Turf Replacement Fall/Winter 2023
- Construction for Synthetic Turf Replacement Summer 2024



4. SYNTHETIC TURF PROGRAM

Project Highlights:

- Arlington County has invested significantly in the construction of synthetic turf fields to meet the demand for athletic fields that serve a wide variety of athletic programs and drop-in use.
- The County has 15 rectangular fields with synthetic turf and two diamond fields with synthetic turf bringing the total number of synthetic fields to 17.
- Synthetic turf typically has an eight-year useful life.

Associated Plan(s):

Long Bridge Park Master Plan (2013)
Public Spaces Master Plan (PSMP)
Rosslyn Highlands Park + Master Plan (2016)

Neighborhood(s):

VARIOUS

Funding Notes: Replacement of fields through the Synthetic Turf Program is typically funded with bonds, short-term financing, and other funding. Other funding includes contributions from Arlington Public Schools for their share of fields co-located at high schools and middle schools as well as contributions from Marymount University, George Washington University, and other partnerships. FY 2030 field conversion assumes \$2.0 million will come from outside fundraising and the remaining cost will be shared 70% County / 30% APS.

New Funding	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total
New Bond Issue								7,025			7,025
Short Term Finance			1,155	1,357	1,691	1,985	2,073	1,955	798	2,218	13,232
Other Funding			828		629	1,127		5,011	798	1,377	9,770
Previous Funding											
Total Funding	0	0	1,983	1,357	2,320	3,112	2,073	13,991	1,596	3,595	30,027
Operating Impact	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total
Operations Costs (+/-)									64	66	130
Total Impact	0	0	0	0	0	0	0	0	64	66	130

Critical Milestones:

- Turf Replacement Construction 3-4 Months
- Turf Conversion Design and Construction 12-18 Months

Changes from Prior CIP:

With a total of 17 synthetic fields in the County inventory by the end of 2022, the capital cost schedule anticipates the replacement of approximately three fields per year. The three replacements for the stadiums used by the high schools, as well as the three existing fields at Long Bridge Park also include an underlayment pad.

PROJECTED SYNTHETIC FIELD REPLACEMENT SCHEDULE
CAPITAL COSTS FY2023 - FY2032

SYNTHETIC ATHLETIC FIELDS		Year of Last Replacement	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
1	Long Bridge Park #1	2019					1,258,000					
2	Long Bridge Park #4	2019					1,062,000					
4	Gunston Park Community Field	2020						1,179,000				
5	Barcroft Park Baseball Field #6	2019						1,933,000				
3	Gunston Park Diamond Field	2019							1,094,000			
6	Virginia Highlands Park Community Field	2021							979,000			
7	Thomas Jefferson Park Upper Field	2022								996,000		
9	Barcroft Park Community Field	2022								620,000		
10	Rocky Run Park Community Field	2022								339,000		
8	Rosslyn Highlands Park +	2023									350,000	
11	Wakefield High School Stadium	2014	982,000								1,246,000	
12	Washington-Liberty High School Stadium	2014		1,180,000								1,495,000
13	Williamsburg Middle School #1	2016		912,000								1,155,000
14	Williamsburg Middle School #2	2016		746,000								945,000
15	Greenbrier Park Stadium	2016			1,164,000							
16	Thomas Jefferson Park Lower Field	2017			819,000							
17	Long Bridge Park #3	2018				1,031,000						
18	Gunston Park Bubble	2018				326,000						
19	Kenmore Middle School #1/#2 (Conversion)	2030								12,036,000		
20	Long Bridge Park #2	TBD										
Total Costs			982,000	2,838,000	1,983,000	1,357,000	2,320,000	3,112,000	2,073,000	13,991,000	1,596,000	3,595,000

SOURCES OF FUNDS												
GO Bonds										7,025,200		
Short Term Financing		491,000	1,751,000	1,155,000	1,357,000	1,691,000	1,985,100	1,985,100	2,073,000	1,955,000	798,000	2,217,900
Arlington Public Schools contribution		491,000	1,087,000	828,000				353,700		3,010,800	798,000	1,377,100
Marymount University contribution						629,000						
George Washington University contribution								773,200				
Other Partnership/Fundraising										2,000,000		
Total Sources			982,000	2,838,000	1,983,000	1,357,000	2,320,000	3,112,000	2,073,000	13,991,000	1,596,000	3,595,000

NOTES:

The above schedule is the anticipated schedule for synthetic turf replacement, however it is subject to change particularly as the County works with its partners on those fields with shared use. An 8-year useful life is assumed for all synthetic fields. Some schedules have been adjusted to smooth out the funding with an eventual goal of two-three field replacements per year. Costs include replacement of the synthetic turf and infill, repairs to the base layer and under-drain system, replacement of field amenities, field surveys, design and construction administration. Replacement of synthetic turf on the three high school stadium fields shall be performed in separate years to accommodate scheduling of school events. Athletic fields at Arlington Public Schools assumes a 50/50 cost share at high schools and a 70/30 cost share at middle schools with the County paying 70% of the cost. Actual cost share splits are determined by hours of use. As funding allows, this program will consider conversion of additional fields through financial partnerships with Arlington Public Schools, universities and sports organizations.