

City of Alexandria, Virginia

Athletic Field Lighting Proposal Del Ray Civic Association September 14, 2022

Department of Recreation, Parks & Cultural Activities
Jack Browand, Deputy Director, Park Services



Topics for Discussion



- Project Need
- Proposed Locations
- Fiscal Impacts
- Implementation Schedule
- Community Engagement
- Community Concerns
- Questions & Discussion

Project Need



- Provide additional capacity to accommodate current and increasing scholastic and community program needs within the City's fixed field resources.
 - Athletic field lighting combined with synthetic turf provides for up to approximately 1,100 additional hours of use per field annually.
- Support the City Council 2022 Community Priority to Support Youth and Families by expanding for capacity for youth programs.
- Support City's goal of Providing Equitable Access to facilities and services.

Proposed Locations



1. Francis C Hammond Middle School
4646 Seminary Road
2. Patrick Henry K-8 School & Recreation Center
4643 & 4653 Taney Avenue
3. Jefferson Houston K-8 School
1501 Cameron Street
4. George Washington Middle School *
1005 Mt. Vernon Avenue
5. Eugene Simpson Stadium Park
426 East Monroe Avenue



INTERNATIONAL DARK-SKY ASSOCIATION

International Dark-Sky Association
5049 E. Broadway Blvd., #105,
Tucson, AZ 85711 USA
tel +1.520.293.3198

Dear Mr. Carter

June 15, 2022

Congratulations! The lighting designs for City of Alexandria Hammond Middle School soccer project has been reviewed and found to be in compliance with IDA's Community Friendly Outdoor Sports Lighting program. This Letter of Certification confirms your successful application of Phase I and allows you to apply for the Phase II Field Verification process.

We are proud to have you join this community of outdoor sports lighting facilities working to reduce light pollution and improve the environment in localities across the nation. By adopting the IDA criteria for Community Friendly Outdoor Sports Lighting, your community will:

- Minimize neighborhood lighting nuisance by greatly reducing local spill and glare.
- Manage high angle light pollution, thus dramatically decreasing off-site light trespass and sky glow.
- Mitigate neighborhood light pollution and sky glow, which will benefit the environment, the astronomy community, and others impacted by poorly designed outdoor sports facilities.
- Minimize lumen densities, thereby reducing energy consumption.

Sincerely,
Pete Strasser

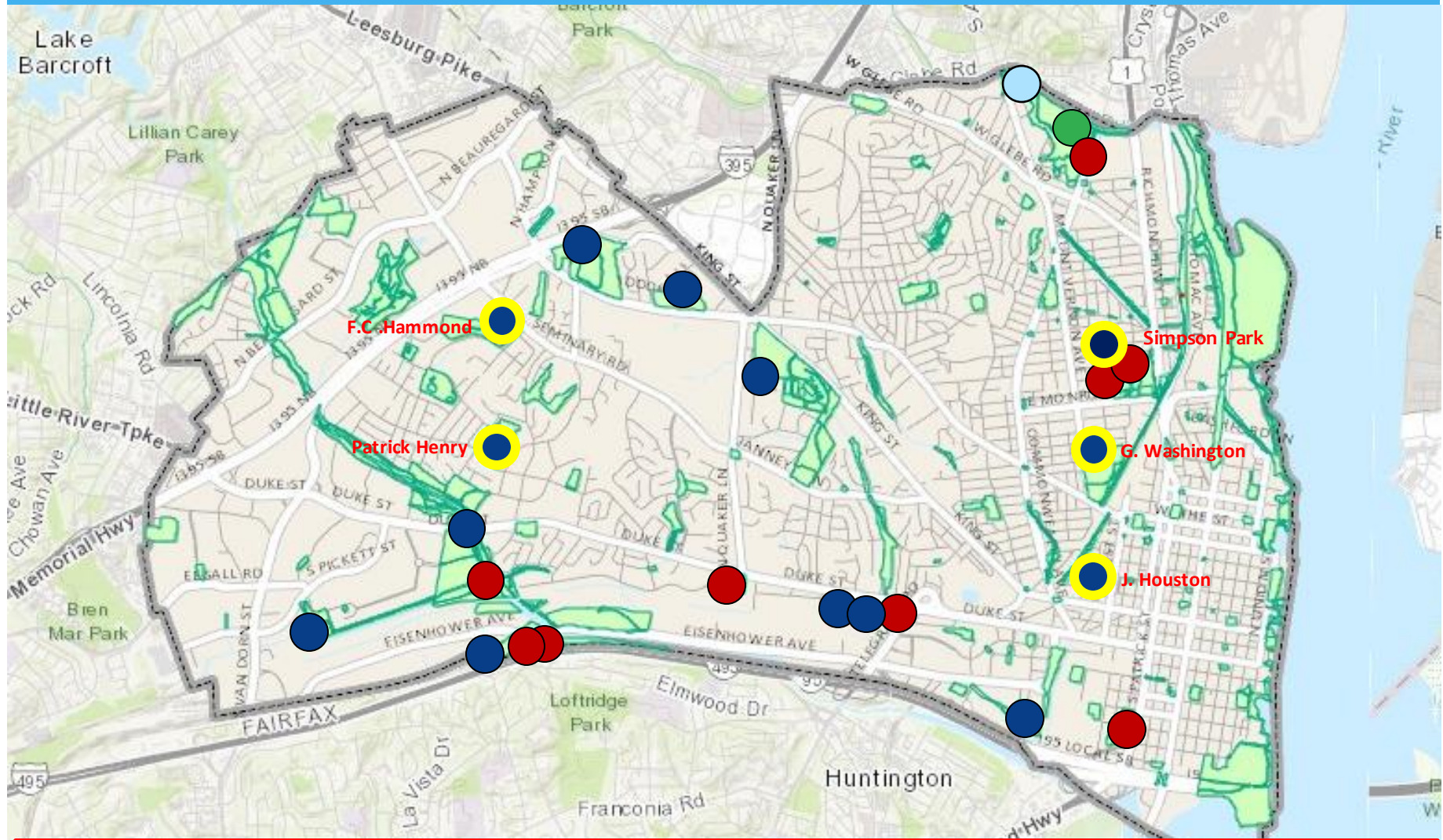
Technical Director
pete@darksky.org

Executive Director: Ruslín Hartley
Emeritus Director: David L. Crawford, Ph.D.
Board of Directors: Diane Kinnison, President, USA • Kellie Pendoley, Vice President, Australia • Kim Patten, Treasurer, USA • Ken Kattner, Secretary, USA •
Laural Alyn Forest, USA • Alejandro Sanchez Miguel, Spain

Note: All locations compliant with the International Dark-Sky Association's Community Friendly Outdoor Sports Lighting Program

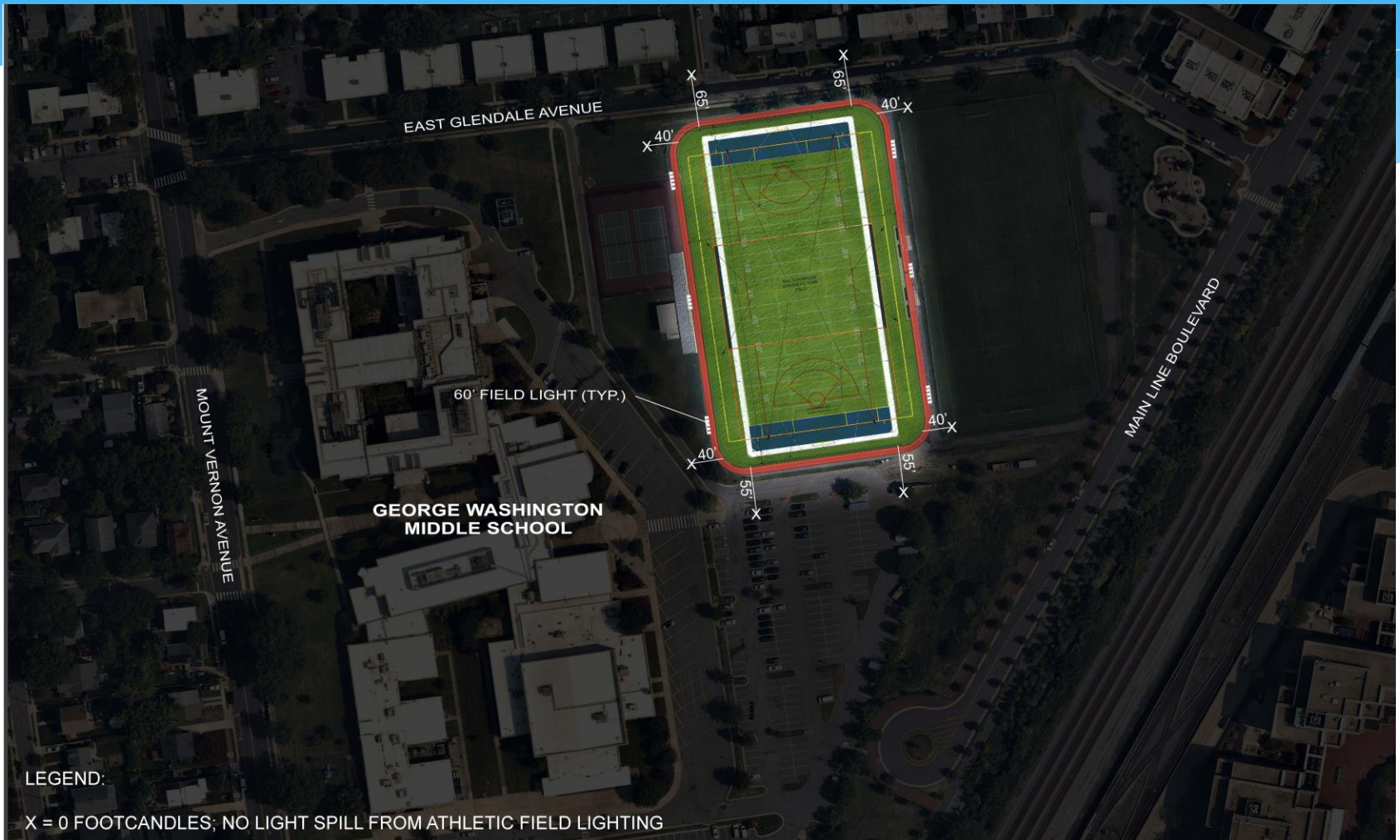
* Addition to ACPS project to convert one of the two existing fields to synthetic turf

City Athletic Field Lighting Distribution Map



- Shared Use
- Diamond
- Synthetic Rectangle
- Natural Turf Rectangle
- Proposed

G. Washington Lighting Exhibit



Simpson Park Lighting Exhibit



Fiscal Impact



- **FY 2023 Project Funding: \$804,000**
City Council approved funding for two (2) rectangular field lighting *
- **Additional Funding Requests: \$402,000 per field (FY 2023 dollars) ***

* Pending SUP approval

Implementation Potential *



- FY 2023 (up to two funded)
 - Francis C Hammond Middle School
 - Jefferson Houston K-8 School
 - George Washington Middle

- FY 2024
 - Patrick Henry K-8 School & Recreation Center

- FY 2025
 - Eugene Simpson Stadium

* Pending SUP approval & City funding



Questions & Discussion

Jack.Browand@alexandriava.gov

2022 Athletic Field Lighting Proposals Project Page

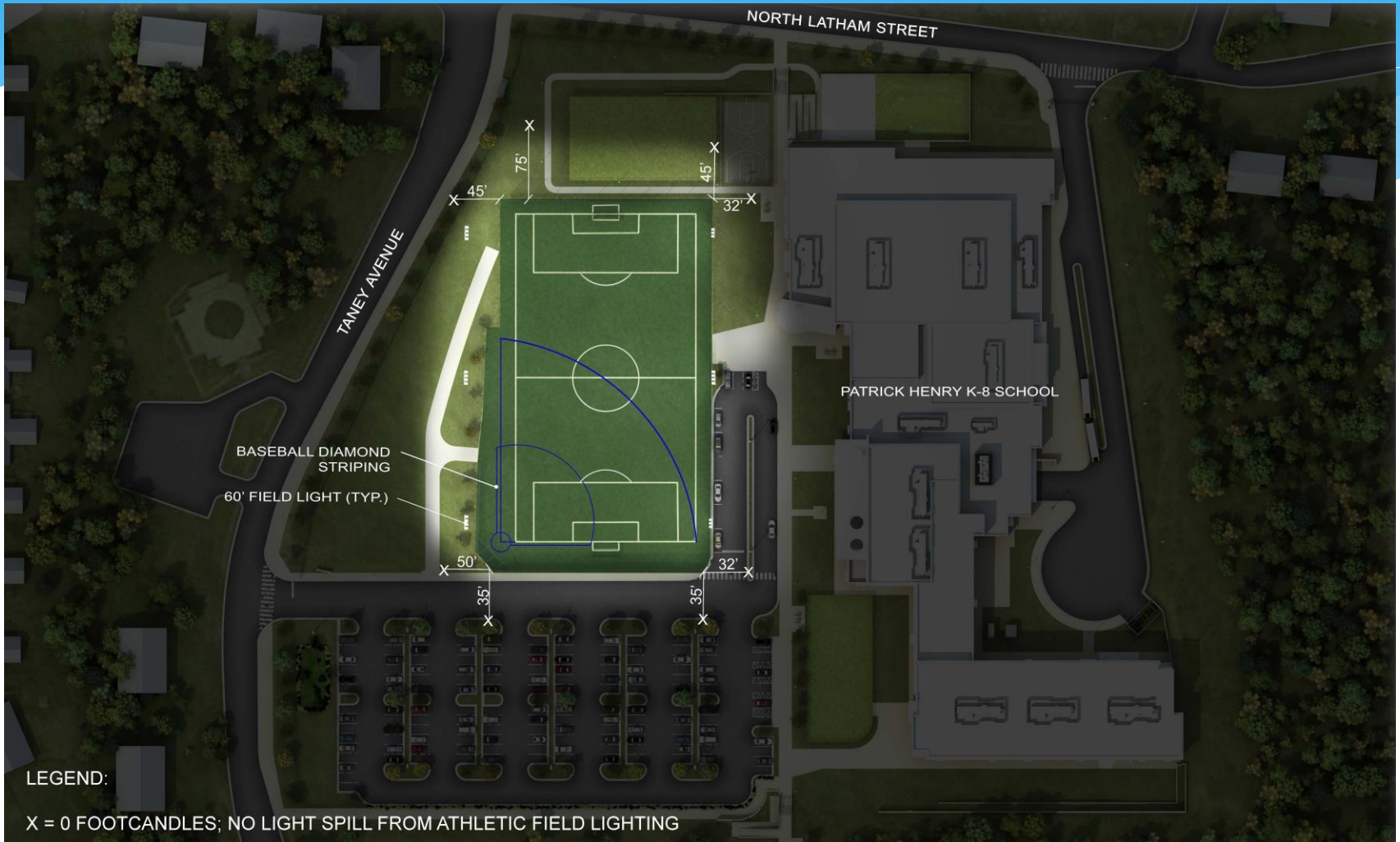


Additional Resource Slides

FC Hammond Lighting Exhibit



Patrick Henry Lighting Exhibit



Jefferson Houston Lighting Exhibit



LEGEND:

X = 0 FOOTCANDLES; NO LIGHT SPILL FROM ATHLETIC FIELD LIGHTING



Community Engagement

- **May 16 - June 30:** Individual Community Group Meetings (invitation)
 - **June 2:** ACPS Schoolboard Update (**completed**)
 - **June 8:** Community Meeting #1 (**completed**) - meeting recording available
 - **June 9:** Seminary Hill Civic Association (**completed**)
 - **June 13:** Youth Sports Advisory Group (**completed**)
 - **June 16:** Park and Recreation Commission (**completed**)
 - **June 21:** Community Meeting #2 (**completed**) - meeting recording available
 - **June 29:** Alexandria Federation of Civic Associations (**completed**)
 - **July 21:** Park & Recreation Commission Public Hearing (**completed**)
 - **September 14:** Del Ray Civic Association (**completed**)
 - **Oct 6:** Planning Commission Public Hearing
 - **Oct 15:** City Council Public Hearing
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- Comments will continue to be received through the schedule Planning Commission Public Hearing on October 6 and City Council Public Hearing October 15 at Jack.Browand@alexandriava.gov
 - Additional Information is Available on the Project Website: [2022 Athletic Field Lighting Proposals](#)

Community Engagement



Civic Association Distribution List ([Community Association Viewer](#))

1. Seminary Hill Civic Association
2. Brookville-Seminary Valley Civic Association
3. Seminary Ridge Civic Association
4. Strawberry Hill Civic Association
5. Wakefield Tarleton Civic Association
6. Del Ray Citizens Association
7. Rosemont Citizens Association
8. Braddock Metro Citizens' Coalition
9. Braddock Station Civic Association
10. West Old Town Citizens Association
11. Upper King Street Neighborhood Association
12. Old Town Civic Association
13. Potomac Yard Civic Association
14. Northeast Citizens Association

Community Engagement





Community Concerns

- Lighting will result in increased levels of trash, noise and illegal parking
 - Lighting at all fields is by permitted use only.
 - Staff will monitor use and adjust staff supervision and trash collection consistent with permitted use.
 - Trash Collection is performed daily with removal before 8 a.m.
 - Permit Holders are encouraged to help
 - Additional Recycle Containers will be installed by end of August
 - Permits can be revoked.
 - Parking Violations may be reported to Traffic Enforcement at 703.746.4444.
- Synthetic Turf Use is Dangerous
 - Information may be found by visiting [Synthetic Turf Use in Alexandria](#)
- A Noise Variance Permit is not needed for installation.
- City of Alexandria cannot submit applications on ACPS School Property
 - ACPS School Board Passed a Resolution on September 8, 2022, consenting to the City submitting the applications on four school properties
- Will ACPS be responsible for any costs associated with the Athletic Field Lighting?
 - No, the City of Alexandria will be providing all necessary funding