



***An Investigation into the Feasibility of Installing
Light-Emitting Diode Lights in the Long-Range
Facility Plan for the Somerset Hills School
District at Bernards High School's Olcott Field***

Report to the Somerset Hills Board of Education

Primary Author

Brian Brotschul, Ed. D.
Superintendent of Schools
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Contributors

Dr. Coleen Butler, Assistant Superintendent
Mrs. Jinnee DeMarco, Business Administrator
Mr. Michael Hoppe, Assistant Principal-BHS
Dr. Scott Neigel, Principal-BHS

Focus Group Participants, In Alphabetic Order:

Elisabeth Alexander
Rosalie Baker
David Britt
Chris Caponigro
Greg deGrandpré
Thomas Diemar
Brad Eich
Greg Freisen
Brian Gallagher
Chuck Hawthorne
Dan Healy
Nick Hemans
Taylor Hwong
Ly Jatcoe
Mary Kellogg
Pete Kellogg
Pat Kennedy-Grant
Philip Kennedy-Grant
Dan Lincoln
Kate Lincoln
Dan Locker
Kathy Locker
Michael Long
Jennifer Luik
Jason Lukes
Jena McCredie
Shawn McCredie
John McGuire
Jenny Palladino
Steve Reynolds
Seth Ritchie
Louis Romano
Bill Rosen

Joe Rossi
Doug Rutz
Heather Santoro
Jenna Scarpa
Cliff Sebastian
Bill Simpson
Dick Smith
Paul St. Onge
Mark Stevens
Janis Virtue
Marc Walden
Jessica Walker
Kathleen Williams
Jennifer Walsh
Pat Wry

Table of Contents

Introduction	5
Historical Context	5
Executive Summary	6
Format Description of Focus Groups	7
Creation of Focus Group Artifacts	8
Gallery Walk	8
Pareto Principle	8
Results of Focus Group and Analysis	9
Superintendent Recommendations	11
Development, Administration, and Results of Community Survey	14
Remaining Focus Group Requests to be Explored by District Administration	16
Final Recommendations	17
Acknowledgements	17
Appendix A: Pareto Principle/Combined Data	18
Appendix B: Presentation-Olcott Field Focus Group (Lights) 12/7/23	28
Appendix C: Use of School Facilities Policy 7510	36
Appendix D: Presentation-Olcott Field Focus Group (Lights) 3/27/24	44
Appendix E: Presentation-Olcott Field Focus Group (Lights) 6/4/24	61
Appendix F: Community Survey Results	71

Introduction

On April 7, 2022, the Somerset Hills Board of Education unanimously approved a Strategic Plan committing to “research the viability of improving lights on Olcott Field.” The current strategic plan is an outgrowth of collaborative work between District stakeholders in meetings on October 21, 2021, November 11, 2021, and December 13, 2021. The December 13, 2023, *Superintendent Report* at the Somerset Hills Board of Education Meeting included an update to the Strategic Plan approved on April 7, 2022.

The administration and its partners have been examining this component of the Strategic Plan to best inform the Board and will continue to explore the various challenges and opportunities as it relates to researching the viability of improving lights on Olcott Field.

Historical Context

The installation of the initial synthetic turf surface at Olcott Field was accompanied by discussions regarding the installation of lights to illuminate the playing surface. On March 12, 2008, the Board of Education agreed not to “pursue the installation of permanent lighting for a minimum period of 5 years.”

The 2022-2025 Strategic Plan adoption led to the District's first examination of the installation of permanent lights on Olcott Field since 2008.

Below are other actions regarding the installation of a synthetic turf field and proposed installation of permanent lights.

- May 5, 2008 – Board of Adjustment approved the installation of the field. A restriction on permanent lighting was a condition of the approval. The School District appeared on a use variance application because school uses were not a permitted use in the zone.
- April 2013 – Complaint filed by *Active Citizens* alleging three counts with regard to the proposed field expansion: (1) violation of the municipal tree protection ordinance, (2) violation of deed restrictions; and (3) violation of the Environmental Rights Act.
- May 24, 2013 – The judge dismisses *Active Citizens'* claims regarding the tree protection ordinance and the deed restriction.
- May 28, 2013 – Governing body waived applicability of the municipal tree protection ordinance in order to permit expansion of the field.
- November 18, 2013 – The judge dismissed the remaining count in the *Active Citizens'* lawsuit.

- December 2013 – The School District appeared before the Planning Board via a capital review hearing. Following the hearing, the Planning Board sent the requisite letter finding the project consistent with the Master Plan to the Department of Education.
- February 2014 – *Active Citizens* filed a verified complaint and Order to Show Cause filed alleging that the School District required a conditional use variance approval from Board of Adjustment.... which was withdrawn March 5, 2014.
- March 2014 – The School District filed an application for a conditional use variance (alternatively an expansion of a pre-existing non-conforming use) and bulk variance from the steep slope restrictions. No lights proposed in the application.
- March 2014 – *Active Citizens* withdrew their complaint.
- June 2014 – The School District appeared before Board of Adjustment.
- July 2014 – The Board of Adjustment granted the application. The resolution of approval does not mention lighting because none was proposed in the application

The Olcott family deeded the property to the Board of Education. The Deed restriction was decided by the Court in April 2013 for the reasons set forth below:

The Grantors on the subject Deed are Frederic P. Olcott and Mary E. Olcott with the Grantee being the Board of Education, Township of Bernards. Condition (1) in the Deed is that the property be held in the management and control of public schools in the locality. Condition (3) states that no nuisance or nuisances shall be created or be permitted to exist upon said property, or any part thereof; nor shall any practices be permitted thereon detrimental to the public health or morals or injurious to the neighborhood.

The remedy, in the event of the violation of the prohibition in the Deed on creating a nuisance by modifying Board of Education property through the installation of permanent lights, is for the Grantors, their heirs, executors, administrators or assigns, to re-enter and re-possess the premises.

Executive Summary

On June 19, 2023, the Somerset Hills School District (“SHSD”) hosted a forum to discuss the feasibility of installing Light Emitting Diode (“LED”) lights in the Long-Range Facility Plan (“LRFP”) for the Somerset Hills School District (“SHSD”) at Bernards High School’s Olcott Field. The meeting was attended by approximately 30 members of the public¹ who represented various opinions regarding the installation of LED lighting, sound management of the facility, historical context, and their desires for the next generation of Somerset Hills students.

¹ Also in attendance: Tara St. Angelo from Gebhardt & Kiefer, P.C. (the Board’s Planning Board Attorney) and Will Ross from Parette Somjen (the Board’s Architect of Record)

In November 2023 the District invited residents and stakeholders in the Somerset Hills communities to participate in a focus group exercise for the District to gain insight into the various perspectives related to the inclusion of LED lights in the LRFP for the District. On December 7, 2023, a focus group meeting was convened and there were 45 participants, and four focus group facilitators with the overall session being facilitated by the Superintendent of Schools. There were two members of the Board of Education in attendance who served as observers of the process. Additionally, three members of the public emailed comments to SHSDFocusGroups@shsd.org which have been curated in District files regarding this feasibility study in concert with the Board's Strategic Plan.

The session began with an overview² of the focus group format and a presentation of current lighting technologies while outlining this focus group work intended to further inform the Board of Education regarding the feasibility of including LED lights in the District LRFP according to the SHSD Strategic Plan³.

After a brief introductory presentation, four broad areas were studied by the focus group participants and facilitators:

1. Identifying positive outcomes for LED upgrade
2. Identifying concerns and drawbacks for LED upgrade
3. Highlighting what was learned during the presentation and focus group discussions
4. Focusing questions to guide the future work of the focus groups

Although there is community interest and support for lights at Bernards High School's Olcott Field there is also significant responsibility that the District has to be responsive to the Olcott Avenue neighbors who have outlined various operational concepts for the District to consider as it relates to facility usage.

Subsequent meetings were held in March, 2024; April, 2024; and June, 2024 in order to examine the feasibility of adding permanent lights to Olcott Field.

Format Description of Focus Groups

Each focus group participant in attendance was randomly assigned one of four focus groups to ensure group variation and balance for the work of the focus group. The focus groups were designed to provide an opportunity for all participants to offer perspectives on the four broad areas being studied⁴.

² Appendix B: *Olcott Field Focus Group (Lights) 12-7-23*

³ Source: https://www.shsd.org/district/strategic_plans

⁴ Identifying positive outcomes for LED upgrade; Identifying concerns and drawbacks for LED upgrade; Highlighting what was learned during the presentation and focus group discussions; Focusing questions to guide the future work of the focus groups

The groups were provided with a structured framework that articulated the length of each focus group breakout session, as well as an overview of what the evening would produce: gathering thoughts, opinions, and a framework of next-level work.

Each focus group was scheduled to be conducted within 10 to 15 minutes, with a rotation format to ensure that each focus group was able to participate in each topical area.

Creation of Focus Group Artifacts

Each focus group rotated through four subtopics being facilitated by members of the SHSD administration. The role of the facilitator was to record feedback, ask clarifying questions, answer clarifying questions, and ensure that all participants were allowed to participate fully. Each focus group created artifacts (e.g. posters) that would be used later in the evening for focus group participants to summarize their thoughts and positions regarding the four subtopics studied.

Each focus group facilitator was able to produce a poster-sized articulation of thoughts and focus group feedback. Although the poster data has since been digitized, a review of the original artifacts can be arranged by emailing Mia Bivaletz, Executive Assistant to the Superintendent of Schools (mbivaletz@shsd.org).

Gallery Walk

Each focus group facilitator produced multiple posters to memorialize the feedback from each of their subtopical groups. Those artifacts were hung around the entirety of the BHS Media Center for all focus group participants to see. Each participant was provided with multiple stickers; with those stickers focus group participants were asked to independently take a “gallery walk” to visit all artifacts and to place a sticker next to a summarized opinion that resonated with them. The participants were provided with an unlimited supply of stickers to allow for the greatest level of poster interaction as desired during the gallery walk.

The gallery walk defined the future work of the focus groups by further defining the various informational needs required by the focus group participants.

Pareto Principle

The Pareto principle was developed by Italian economist Vilfredo Pareto in 1896⁵. In his work, Pareto observed that 80% of the land in Italy was owned by only 20% of the population. He also witnessed this happening with plants in his garden—20% of his plants were bearing 80% of the fruit. Mathematically, this relationship is described as a power law distribution between two quantities, in which a change in one quantity results in a relevant change in the other.

⁵ Source: The Decision Lab (Applied research and innovation) <https://thedecisionlab.com/thinkers/philosophy/vilfredo-pareto>

The Pareto principle states that for many occurrences, 80% of the results come from 20% of the causes. This report utilizes the Pareto principle by concentrating on the root of the most significant causes that impact the feasibility of installing LED lights. By incorporating the Pareto principle, we will put the Board in the position to understand and maximize the impact of any decision made regarding the District LRFP as it relates to the installation of LED lights. The Pareto principle can help make the best decisions in a problem-solving process by prioritizing solutions⁶. The focus group analysis and report utilize the Pareto principle to outline where the strengths and challenges rest and with what frequency.

Results of Focus Group

The information outlined below was taken directly from the focus group artifacts, which were translated into digitized raw data that captured every comment made to focus group facilitators. Then, all information found in the raw data was combined in the spirit of the Pareto principle to identify the 20% of causes regarding the implementation of LED lights into the District LRFP that reflect 80% of the challenge.

Each Focus Group topic is outlined below with the top 20% of causes that chart the next level of work.

Focus Group A: Identifying positive outcomes for LED upgrade

- Safety for Participants and Attendees
- Student Equity & Access
- Reputation & Image of School and Community

Focus Group B: Identifying concerns and drawbacks for LED upgrade

- Olcott Avenue Impact
- Economics
- Aesthetics

Focus Group C: Highlighting what was learned during the presentation and focus group discussions

- Safety Enhancements
- Olcott Avenue Impact

Focus Group D: Focusing questions to guide the future work of the focus groups

- Olcott Avenue Impact
- Long-Range Facility Plan Development
- Economics

⁶ Identify problems produced by a particular variable. Identify the causes of these problems. Categorize your problems into similar groups. Assign a value to each of these problems based on the impact to the challenge. Develop a plan to focus on the top 20% of the problems that impact the challenge given that one solution can resolve multiple problems. Based on the values you assigned to each problem, calculate which ones are in the top 20%. Once you've identified the main problem, develop a plan to create a solution that can result in 80% of the results using problem-solving strategies.

Analysis of Focus Group Results

Enduring Understandings: What the participants agreed upon

The sentiment of the focus groups in total was that the short presentation of 2023-era technology in advance of breakout sessions was found to be an enhancement in comparison to the current portable lighting system being incorporated at the Olcott Field at Bernards High School. There are opportunities through the installation of LED lighting to enhance safety and quality for student-athletes and ensure greater benefits in overall site security for the spectators.

The focus groups acknowledged the need for the SHSD LRFP, should it include LED lighting in the Olcott facility, to further examine the economic impact, operational norms, and practices, particularly as they relate to field usage, and the impact on the Olcott Avenue and surrounding communities in the area in terms of lighting spillage, aesthetics, and parking.

It is understood that particular matters need to be addressed to offer balance for the installation of LED lights with the needs of our neighbors on Olcott Avenue.

What is our next level of work?

Focus group participants offered detailed feedback regarding the examination of the feasibility of installing LED lights. The initial session was a broad-based presentation of concepts and theory, that both garnered support for a project, but with the caveat that any project needs to consider impacts on the community. The participants provided significant feedback but desired additional information from the District in future sessions.

Recommendation of the Superintendent of Schools

It is recommended that the Somerset Hills Board of Education approve the submission of the *Interim Report for Olcott Field Lighting Focus Group* on January 24, 2024, Regular Public Meeting following a public presentation of the same, and, further, that the following be approved by the Board for further analysis:

- Recommendation 1: Authorize the Superintendent and Business Administrator to commission a lighting system plan with professional service providers for the sole purpose of supporting the focus groups
- Recommendation 2: Authorize the Superintendent and Business Administrator to present relevant economic variables through professional service providers
 - Cost of operation for projected lighting system plan
 - The projected impact on the taxpayer
 - The projected funding sources
- Recommendation 3: Development of facility usage matters through the SHSD Policy Committee, District administration, and BHS Principal/designee
- Recommendation 4: Establishment of facility tours for newly installed lighting projects with emphasis on those that neighbor residential areas

Delivering Approved Superintendent of Schools Recommendations to the Somerset Hills Board of Education to the Feasibility Study Focus Group

On March 27, 2024, the Superintendent of Schools convened a meeting of the *Olcott Lights Feasibility Focus Group* that intended to report further deliverables as requested through outcomes at the December 7, 2023 meeting. On January 24, 2024, the Superintendent of Schools made four recommendations (above) to the Somerset Hills Board of Education that reflected the needs requested through the *Focus Group*.

Those recommendations are outlined below and were delivered to the *Focus Group* at the March 27, 2024 meeting.

Administrative Recommendation 1:

Authorize the Superintendent and Business Administrator to commission a lighting system plan with professional service providers for the sole purpose of supporting the focus groups.

Of particular interest during the December 7, 2023 *Focus Group* meeting was the technical specifications of a lighting system and how the field vision would be enhanced as well as its impact on the surrounding neighborhood(s).

The information in Appendix D offers information regarding the intensity of the lighting system to expect on Olcott Field should the project be implemented and the projected impact on the surrounding neighborhoods.

The graphic shows value regarding foot-candle information, which is a measurement of the amount of visible light that falls on a surface. To better understand the foot-candle, imagine that you have a one-candela light source located in the center of a sphere. If the radius of that sphere is a distance of one foot, a foot-candle is the amount of light that falls on the inside surface of that sphere.

In addition to the foot-candle values in Appendix D, the information also provides a heat map showing the foot-candle information at the center of Olcott Field at the 50-yard line and moving back towards the track, the bleachers, behind the bleachers, and the surrounding neighborhood. The projected system shows foot-candles ranging from 60 to 70 on the playing surface at the center of Olcott Field based upon a system supported by 80-foot poles. The system also reflects a decrease to the single digits as you move away from the center of Olcott Field towards Olcott Avenue and Old Colony Road. What this signifies is the precision of light with very minimal spillage into the neighborhoods.

Concerning the poles, 80 feet from the playing surface itself serves as the most popular given that higher pole height results in less light spillage into the surrounding neighborhood. According to our analysis, when pole height from the field is decreased (e.g. from 80 feet to 70

feet or 80 feet to 60 feet) lighting systems experience less precise light and more spillage into the surrounding neighborhoods.

Summary: A maximum of 60 to 70 foot-candle system supported by 80-foot poles was presented to the *Focus Group*. The resulting system offers the precision of light; the system also requires 80-foot lights to be installed 20 feet below Olcott Avenue, resulting in lighting poles that will be seen from homes in the surrounding area (e.g. Olcott Avenue; Old Colony Road, et. al.). Should further consideration from the Somerset Hills Board of Education result, it is recommended that there is a full understanding regarding pole height impact on quality as well as quality of life concerns reported by the residents of the surrounding neighborhood(s).

Administrative Recommendation 2:

Authorize the Superintendent and Business Administrator to present relevant economic variables through professional service providers

- Cost of operation for projected lighting system plan
- The projected impact on the taxpayer
- The projected funding sources

Operational Costs

Average costs of \$8.00 to \$10.00 per hour to operate

Average lifetime expectancy of light bulbs: 150,000 hours each

Funding Sources/Taxpayer Impact

Any project of this size and variety is subject to either the public bidding process or purchasing cooperatives available to the District. From a procedural perspective, the District would not pursue either option unless authorized to do so by the Somerset Hills Board of Education.

The District has multiple options to consider:

Expiring Debt Replacement

The District has an opportunity through the Fiscal Year 2026 budget scheduled to be approved in April 2025/May 2025 to replace expiring debt with new debt, resulting in the potential for a net zero increase to the operational budget.

Lease Purchase

Enter into a five-year facility lease. The district's energy-saving debt will retire in Fiscal Year 2026, so there will be no impact on the operating budget.

Capital Reserve Funding

Utilization of pre-existing capital reserves to fund the lighting is also an option that would not burden the taxpayers.

Administrative Recommendation 3:

Development of facility usage matters through the SHSD Policy Committee, District administration, and BHS Principal/designee

The development of any relevant policy regarding facility use⁷ should include the following if the Somerset Hills Board of Education elects to move forward with the project:

- Definition regarding the feasibility study
- Definitions and language regarding the usage expectations of Olcott Field
- Any language the Board feels is necessary to codify any outstanding items

The Policy Committee has not been authorized to examine its policy by the Somerset Hills Board of Education at this point. However, if the project moves forward it is highly advisable that the Committee examine the policy, engage with the impacted stakeholders, and hold public reviews of the policy and any modifications they may consider recommending to the Somerset Hills Board of Education.

Administrative Recommendation 4:

Establishment of facility tours for newly installed lighting projects with emphasis on those that neighbor residential areas

On April 9, 2024, a cadre of interested *Focus Group* members attended a boys' lacrosse game between Morristown High School and Sparta High School at Morristown High School. We were hosted by the Morristown High School Athletic Department who largely allowed the contingent from the Somerset Hills Board of Education and *Focus Group* to view and examine the lights at Morristown High School at their own pace and leisure.

One request from the *Focus Group* was to find a proposed site to visit that was situated in a neighborhood. Morristown High School is situated in a neighborhood by all accounts but the site is not a mirror image of the neighborhood abutting Bernards High School.

As dusk became evening, the lights became more prevalent and they reflected much of what the *Focus Group* came to know: the lights were precise and they were atop 80-foot poles. The *Focus Group* did not come away from any new learning given the amount of study they individually and collectively participated in, but were able to see fully functional athletic lights in a neighborhood school setting.

⁷ Appendix C: Board of Education Policy 7510 guides facility use

Development and Administration of Community Survey: A Survey of Opinions Regarding the Feasibility of Installing LED Lights on Olcott Field.

The administration developed a nearly 30-question community survey which was administered over 35 days to the Somerset Hills communities including parents of school-aged children, residents without school-aged children, students, and staff members.

The survey was available by accessing the District website and was completed by 742 unique users through our Qualtrics platform in an effort to obtain robust data. The following was asked of community members to contribute over a 5-point Likert scale:

Introduction: Somerset Hills School District is examining the feasibility of installing LED lights in Olcott Field through the engagement of focus groups to examine the matter as well as surveying the Somerset Hills Community. This survey will take less than 10 minutes to conduct and will prepare the Focus Group to continue to examine the feasibility of installing LED lights at Olcott Field.

- Who are you
- Community member with school-aged children in SHSD schools
- Community member without school-aged children in SHSD schools
- Resident in Olcott Avenue region of Bernardsville without school-aged children in SHSD schools
- Resident in Olcott Avenue region of Bernardsville with school-aged children in SHSD schools
- Staff member
- Student

5-point agreement scale questions

- The current lights are suitable for athletic contests
- The current lights provide safe lighting to the playing surface for student-athletes
- The current lights are cost-efficient
- The current lights provide equitable opportunities for all students to access the field for games
- The current lights are suitable for the neighbors in the Olcott Avenue region of Bernardsville
- The current lights operate quietly enough for the neighbors in the Olcott Avenue region of Bernardsville
- The current lights provide safely illuminated athletic contests
- The current lights are precise in their operation
- The installation of permanent light poles would negatively impact the quality of life in the Olcott Avenue Region of Bernardsville
- The installation of LED lights is not worth the cost
- The installation of LED lights will negatively impact real estate values
- The installation of LED lights will enhance the student experience at Bernards High School

- The installation of LED lights is in opposition of the intended use of the land that the school district was gifted the land from the Olcott Family
- The installation of LED lights will add to the historical value of the Olcott Avenue region of Bernardsville
- The installation of LED lights will result in more evening field usage
- The installation of LED lights will result in more weekend field usage
- The installation of LED lights will provide a safely lit playing surface
- The installation of LED lights will provide more precise illumination
- The installation of LED lights will decrease light spillage into the Olcott Avenue region of Bernardsville

Open Ended

Please describe how the installation of LED lights will impact your experience as a resident, student, parent, or staff member.

Please outline the information you would like to be provided regarding the examination of the feasibility of installing LED lights at Olcott Field.

Key Survey Results

1. Precision in lighting and enhanced lighting quality are not being debated amongst stakeholder groups.
2. Facility usage needs to be codified in policy if the Board elects to move forward concerning evening usage, weekend usage, and outside groups.
3. There is no full agreement with any one stakeholder group with the installation of LED lights.
4. There is no full opposition with any one stakeholder group to the installation of LED lights.
5. Neighborhood aesthetics should be considered with any potential action.

Survey Administration Note and Agreements

The survey participation trend reflects results that favor people who support the installation of LED lights. Participation results reflect a high number of community members with school-aged children, district students, and district staff who completed the survey.

Participation results favor non-Olcott Region community members, which must be given strong consideration by any entities making conclusions or recommendations moving forward. The survey provides predictable results given participation results and stakeholder status. However, the survey platform ensured that 'bots' were not able to complete the survey, and 'ballot stuffing' was not an issue.

There were agreements that the survey revealed without controlling for the stakeholder group represented (e.g. when you look at the results in their entirety):

1. The installation of permanent poles and upgraded LED lights will provide a safely lit playing surface. (4.6)
2. The installation of permanent poles and upgraded LED lights will provide more precise illumination. (4.6)

3. The installation of permanent poles and upgraded LED lights will enhance the student experience at Bernards High School. (4.4)
4. The installation of permanent poles and upgraded LED lights will result in more evening field usage. (4.3)
5. Investigating permanent poles and upgraded LED lights has focused on balancing opportunities for students with being respectful of residents in the Olcott Avenue region. (4.2)
6. The installation of permanent poles and upgraded LED lights are worth the cost. (4.2)
7. The installation of permanent poles and upgraded LED lights will result in more weekend field usage. (4.0)

The most prevalent agreements amongst all stakeholder groups, when the survey controlled for stakeholder groups, were:

1. The installation of permanent poles and upgraded LED lights will enhance the student experience at Bernards High School. (4.4)
2. Investigating permanent poles and upgraded LED lights has focused on balancing opportunities for students with being respectful of residents in the Olcott Avenue region. (4.2)
3. The installation of permanent poles and upgraded LED lights are worth the cost. (4.2)

Remaining *Focus Group* Requests to be Explored by the District Administration for the Purposes of Fully Informing the Somerset Hills Board of Education

1. Exploring Dark Sky⁸ resources provided by *Focus Group* member(s)
 - a. The administration will review the items forwarded by a community member with the Facilities and Operations Committee of the Somerset Hills Board of Education and consider any applicable actions.
2. Consider the impact on home values
 - a. The administration will explore the feasibility of having the surrounding neighborhood assessed by a neutral third party with the variables of lights installed at Bernards High School and no lights installed at Bernards High School.

⁸ Resources Include:

<https://darksky.org/>

<https://www.agcled.com/blog/what-s-dark-sky-lighting.html>

<https://www.nar.realtor/magazine/real-estate-news/home-and-design/dark-sky-illumination-trend-addresses-adverse-effects-of-light-pollution>

<https://www.technologyreview.com/2022/08/17/1057652/outdoor-led-lighting/>

Final Recommendations

With the understanding that there is no achievable consensus regarding the feasibility of installing LED lights at Olcott Field, and given the public appetite for the installation of permanent lights, recommendations are outlined as follows:

1. Authorize the following Board of Education Committees to examine the matters deeper with the Superintendent and Business Administrator and any applicable professional services as consultants in the event that balancing the needs of the neighborhood remains a commitment:
 - a. Facilities and Operations (impact on Board property);
 - b. Finance (impact on project affordability);
 - c. Policy and Personnel (impact to memorializing facility use policy);
 - d. Ad Hoc Student Services Committee (impact on student-athletes)
2. Take measures to ensure that all field sports students have equal access to Olcott Field to pursue extracurricular activities.
3. Articulate direction to the administration as soon as feasible, to adequately prepare for Fiscal Year 2026 and the Fall 2025 season
4. Solicit the advice of professional service providers regarding the following items:
 - a. Construction
 - b. Legal processes
 - c. Municipal processes

Acknowledgements

The development and execution of this work, pursued over 12 months commencing in June 2023, represents thoughts and opinions expressed by a dedicated *Focus Group* whose sole purpose was to contribute to a final report to the Somerset Hills Board of Education. The District and Board of Education are indebted to the work of the *Focus Group* as the information produced allows for a robust examination of the feasibility of installing *Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field*.

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Appendix A

Pareto Principle/Combined Data

Focus Group Prompt: *Positive Outcomes*

Safety for players/Safety for student-athletes/attendees by improving lighting	68
Reputation or image of school/district/town to property values and business development	29
Equity - other teams can use (lax, soccer) - lacrosse under the lights - community/expand access	44
Light pollution for neighbors reduced - less spillage - the opportunity to look at all lighting	13
Retain students in the district	5
Economic variables	5
New facility master plan	3
Community collaboration - working together on the process	2

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

Could host playoffs	2
Win/win - better for all - players & community	1
Less setup	1
Hosting other sports at night - state tournaments	1
Inclement weather impacts current lights	1
No base on track - safety	0
Labor cost or other costs - custodial or bulb replacement	0
Youth sports - can't use temporary lights - have to set up	0
Potential to adjust school start time	0
More accessibility for student activities (band, graduation, etc)	0

Fewer early dismissals for playoffs	0
Expanded rec or youth programs	0
Better lighting for photo/video	0
People can come later - bring the community to school to gather	0
Collaboration with town	0

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Focus Group Prompt: *Concerns and Drawbacks*

Impact on the neighborhood and the amount of use (days and hours); plans for renting; impact on neighborhood parking	74
Why is this taking so long (next Sept)?	21
Economics: Cost (Will taxes go up?) and home value implications (+/-)	14
Aesthetics: What do lights look like from a distance?	11
Need an ambitious master plan	8
Concern about safety without new lights	7
How tall are poles? (Will they support wind?)	3
Will it impact school start times?	1
How many people attend football games?	1

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

Safety with current lights	1
A lighting plan needs to be undertaken	0
Need consultants	0
Noise (time of night)	0
Usage (wants more usage - especially for practices)	0
The labor involved in putting up lights now	0
Might families looking to purchase a home not want to buy here because of its inferior facilities?	0
There isn't talk about the cons of the current system	0

Focus Group Prompt: *What We Learned*

How much safer for athletes on the field/quality?	33
The Superintendent is more proactive in reaching out to the community	11
How difficult to be a neighbor	11
The process will take longer than hoped	8
Lights on presentation were the only lights - What is the lighting plan?	4
Takes this type of issue to bring the community together	3
The intensity of sports has increased	3
There have been some improvements by the District for neighbors (i.e. new sound system)	2
Not worried about neighbors	2

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

Not everyone will be 100% happy	2
How many games do we have to host?	2
A wide array of concerns	1
Where you live has an impact on your views	1
Need to balance with all stakeholders	1
Long-standing history of and the size of/demand for lights	1
We all agree on lights	0
Process- happy to see the thought process	0
Non-athletic benefits (ie academics, graduation)	0
New tech that focuses the light	0

Many uses of the field - many sports	0
How precise is the lighting with new tech?	0
Hot topic	0

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Focus Group Prompt: Questions for Future Work

Impact on Olcott Avenue: Who else uses the field if lit? What do poles look like?	25
Is there a master facility plan? What facility changes are being contemplated (field house, lower gym, weight room, parking, additional lighting upgrades)	24
Economic Impact	22
Why is this taking so long? It has been on our minds for 10 years.	16
Have not learned... How to balance the needs of the school and various stakeholders?	4
How to include the community in a broader way?	4
Efficiency, and quality of new technology	3
What is the primary reason for improving (installing) the lighting on Olcott?	2

Liability - advantages with better lighting	0
Can folks visit other facilities to see what the spillage is?	0
Four poles are adequate?	0

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Appendix B: Presentation-Olcott Field Focus Group (Lights) 12-7-23



Olcott Stadium Focus Group: The Feasibility of Upgraded Lighting

December 7, 2023

Welcome, Introductions, and Structuring our Work

Who Are Your Facilitators?

- Brian Brotschul, Superintendent
- Coleen Butler, Assistant Superintendent
- Jinnee DeMarco, Business Administrator
- Scott Neigel, BHS Principal
- Mike Hoppe, BHS Assistant Principal/Athletic Director

Who is our Focus Group?

- Residents without SHSD students?
- Parents?
- Students?
- Staff Members?



Examining the Challenge of Enhanced Lighting

Who: Community focus group of stakeholders

What: Sharing perceptions of enhancing lighting

When: June 2023, December 2023, March/April 2024, September, 2024

Where: Olcott Field; Bernards High School

Why: Enhancing Lighting Quality



Examining the Challenge

Structuring Our Work

Introductions and Context (15 minutes)

Cohort Rotations through 4 Conversation Spaces (10-15 minutes each, 40-60 minutes)

Gallery Walk (10 minutes)

Debrief and Future Engagement (10 minutes)

Adjournment



Examining the Challenge

Research viability of improving lights on Olcott field through hosting community forums to solicit viewpoints regarding lighting upgrades on Olcott Field

Cohort Rotations – Your Perceptions and Opinions to Guide the Board’s Consideration

Identifying positive outcomes for a LED lighting upgrade (Scott Neigel) (Room F)	Articulating concerns and drawbacks (Coleen Butler) (Upstairs)
Highlighting what you learned (Jinnee DeMarco) (Room A)	Focusing questions for our future work (Mike Hoppe) (Cafe)



Olcott Field Focus Group

Reflecting on the Challenge

Pole Height of 50-70 feet	4 pole locations instead of 6
LED (Light Emitting Diode)	Project Costs
Spillage reduction by 90% compared to incandescent - limit impact on Olcott & Old Colony	Evening Impact
Facility Usage and Examining future areas of physical plant	Being good neighbors
Enhancing quality	Investing in our facilities

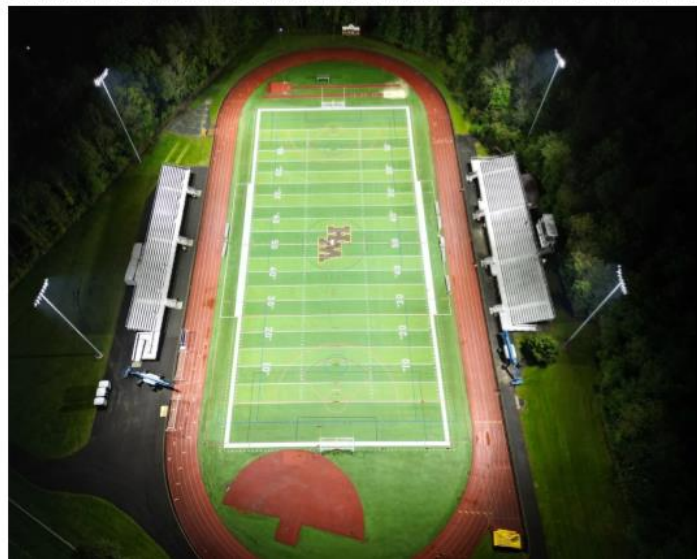


2023 Era Lighting Installations

Project Exemplar



2023 Era Lighting Installations



2023 Era Lighting Installations



2023 Era Lighting Installations



2023 Era Lighting Installations



2023 Era Lighting Installations



Focus Group Cohort

10-15 Minute Focus Group Rotation Assignments

BHS Mountaineer Group: Start at Identifying positive outcomes (Scott Neigel)

BMS Bulldog Group: Start at Articulating concerns and drawbacks (Coleen Butler)

Bedwell Eagles Group: Start at Highlighting what you learned (Jinnee DeMarco)

Somerset Hills Group: Start at Focusing questions for our future work (Mike Hoppe)

Rotating Clockwise



Gallery Walks

What Speaks to You?

Walk independently or in a small group from poster to poster and review the feedback from each group. While reflecting at each poster, place a sticker next to any point that you find particularly important for the District to consider further.

These posters will become an important artifact and will guide the District's examination of athletic lights moving forward.



Debrief and Future Engagements

Review of Focus Group Feedback: Drafting of Report to Somerset Hills Board of Education

Spring Engagement (March/April, 2024) of Focus Group

Fall Engagement (September, 2024) of Focus Group



Adjournment

Contact Us

SHSDFocusGroups@shsd.org

Sign our email list for future communications.

Thank you for participating!



Appendix C: Use of School Facilities Policy

7510 USE OF SCHOOL FACILITIES

The Board of Education believes the school facilities of this district should be made available for worthwhile community purposes provided that such use does not interfere with the educational and co-curricular programs of the school district. For the purpose of this policy, "school facilities" also includes school grounds.

The Board will permit the use of school facilities when such permission has been requested through the district's facilities' scheduling software and has been approved by the Superintendent or Business Administrator. The following schedule of filing deadlines shall be adhered to for scheduling purposes:

Application Deadline	Period of use
February 1	March 1 to August 31
August 1	September 1 to February 28

Every effort will be afforded to provide equal opportunity to each community program that requests usage within the application deadline. Requests received after application deadlines will be considered based on availability.

The Board reserves the right to authorize or deny the use of its facilities through the Superintendent or a designee if in its judgment there is good reason to do so. Use of school facilities will not be granted for any purpose that is prohibited by law. The Board also reserves the right to withdraw permission after it has been granted in the event circumstances change requiring such school facilities or school grounds will be needed for a school district purpose, due to a school closing due to weather or other emergency, at its discretion for good reason, if the applicant fails to follow the regulations or procedures for the use of school facilities, or fails to pay the required fees in full.

Applicants interested in using the facilities of The Somerset Hills School District must adhere to the following conditions:

1. All requests from an outside organization are to be made to the Principal's office at least two weeks in advance of the requested date of use. Requests must be made through the district software. The Principal (or designee) shall determine if the use of facilities is appropriate, and if the areas for use are available for the requested dates. If the Principal deems that the use is appropriate and does not interfere with any school programs, he/she will forward the application to the Business Office. An application fee of \$50 will be charged to cover administrative costs. A security deposit of \$200 will be required prior to the event's occurrence. Any other fees as outlined at the end of this policy will be determined by the Business Office. Usage fees must be paid in full before the event. A permit for the use of the school is not valid until the Business Office has approved the request.
2. The buildings will not be available during holidays, vacation periods, or whenever school is not in session unless special arrangements have been made.
3. A permit does not include the use of school equipment such as special lighting, public address system, band instruments, stage scenery, kitchen equipment, technology, etc. unless they are operated or supervised by school personnel approved by The Somerset Hills Board of Education.
4. The applicant shall provide a certificate of insurance naming the Somerset Hills School District as an additional named insured. The applicant must have an insurance policy with \$1 million of liability coverage for each occurrence and \$2 million of liability coverage in the aggregate to protect the school district against claims of injury or property damage arising out of the applicant's use of the school facilities.
5. Each user shall inspect any facility or school grounds to be used prior to such use and shall notify a district representative of any existing safety or dangerous conditions. In the event such conditions exist, the district may cancel or modify the user's access to the school facility until such conditions are addressed. All premises are to be left in the condition found upon use.
6. Written permission must be obtained from the school principal prior to decorating, installing scenery, moving furniture, or equipment alterations, etc.
7. The applicant shall adhere to the Board's policies and with all State and local fire, health, safety, and police regulations. The Bernardsville Fire Department must be contacted for a fire permit at least two weeks prior to the event. Smoking, alcoholic beverages, and illegal substances are prohibited on all school grounds. The applicant is responsible for proper chaperonage as required by the school district administration.

8. The applicant shall assume responsibility for any loss or damage to school facilities or property and will be charged for any loss or damage. The use of school equipment such as special lighting, sound system, risers, etc., must be requested by the applicant, and if specified, must only be operated or supervised by school personnel approved by the Board of Education.

9. Violation by a permit holder of any of the regulations governing the use of facilities may be the cause of cancellation of all existing permits and the denial of any permits in the future. The granting of a permit for the use of one part of the building or grounds confers no privileges for the use of any facilities other than those stated in the permit.

10. A school custodian is required to be on duty during the hours of use for any school facility. Evening events must end by 11:00 p.m. when school is in session unless special arrangements have been made and fees established.

11. The Board of Education may require the applicant to provide police protection, which, if required, shall be paid for by the applicant.

12. Applicant will post an indemnity bond for the performance of its obligation under these regulations if requested by the Board of Education.

13. For events with over 100 participants, an additional custodian is required. For events with over 500 participants, additional custodians will be required as determined by School District administration.

14. The school district shall provide a copy of Policy and Regulation 2431.4 – Prevention and Treatment of Sports-Related Concussions and Head Injuries to all youth sports team organizations that operate on school grounds or in school facilities. In accordance with the provisions of N.J.S.A. 18A:40-41.5, the school district shall not be liable for the injury or death of a person due to the action or inaction of persons employed by, or under contract with, a youth sports team organization that uses school facilities or operates on school grounds. The youth sports team organization must provide the school district proof of an insurance policy in the amount of not less than \$50,000 per person, per occurrence; insuring the youth sports team organization against liability for any bodily injury suffered by a person. The youth sports team organization must also provide a statement of compliance with the school district's Policy and Regulation 2431.4 - Prevention and Treatment of Sports-Related Concussions and Head Injuries.

The group in which an organization is placed shall determine priority for the use of school facilities. The Board of Education reserves the exclusive right to determine the eligibility of an

organization and to assign a classification to such organization. The approval of the use of school facilities by any organization will not be considered as an endorsement or approval of the organization or of the purposes it represents.

The classification, in descending order of preference, is as follows:

A. School District Affiliated Organizations - These include the Home and School Associations, Booster Clubs, the Somerset Hills Education Foundation, etc., or any organization invited by the Board of Education, which are directly related to the overall school program.

B. Local Government Agencies/Youth Sports Team Organizations and Non-Profit Youth Affiliated Organizations - These non-profit organizations' primary purpose is to serve the youth of our communities, and include Boy Scouts, Girl Scouts, athletic leagues, various service organizations, and the recreation departments of Bernardsville, Far Hills, and Peapack-Gladstone. These organizations should serve a representative number of pupils from the communities of The Somerset Hills School District.

C. Other Non-Profit Organizations - These include civic organizations, community groups, and church groups, which serve the residents of The Somerset Hills School District. Must show proof of 501C-3 status.

D. Private individuals or profit-making organizations

Organizations classified as either Group A or Group B will not be assessed fees for the use of school facilities (other than what is noted in the table below), unless there are charges for custodial or other school personnel assistance. Such organizations will be charged whenever school is not in session unless the building is already open for a school district purpose.

Organizations classified as either Group C or Group D shall be assessed fees for the use of school facilities and equipment, and for custodial fees as specified under Rental Fees.

RENTAL FEES

Group A and Group B -No charge if the custodian is on duty for school district purposes. Otherwise, custodial fees will be assessed and passed along to the organization. The minimum charge will be Monday through Saturday, \$75 per hour,

Sunday and Holidays - \$100 per hour

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

Group C and Group D – Usage fees according to chart below plus custodial fees will be assessed and passed along to the organization. The minimum charge will be Monday through Saturday, \$75 per hour

Sundays and Holidays- \$100 per hour

Building Area Rental Fees	Group B	Group C	Group D
Olcott Turf Field/Track - 2 hours	\$0-No charge	NA	NA
Olcott Field Lighting 2 hours <i>(Sept through Nov only)</i>	\$75	NA	NA
Performing Arts Center		\$1000	\$2000
Bedwell Multipurpose Room		\$250	\$500
Bedwell Gym		\$400	\$800
Middle School Multipurpose Room		\$250	\$500
Middle School Gym		\$400	\$800
High School Upper Gym		\$400	\$800
High School Lower Gym		\$500	\$1000

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

High School Community Room		\$250	\$500
Cafeteria		\$500	\$1000
Kitchen		\$250	\$500
Faculty Cafeteria		\$150	\$300
Classroom		\$50	\$100
Wrestling Room		\$150	\$300
Batting Cages		\$100	\$200
Special Lighting		\$150	\$300
Following Spot		\$50	\$100
Sound System		\$150	\$300
Risers		\$250	\$300

A member of the cafeteria staff is required to be on duty when the kitchen is in use. The rate for cafeteria staff is \$30.00/hour.

Areas Not Available For Rent:

- § Music Room at Bernards High School
- § Vocal Room at Bernards High School
- § Library/Media Centers at All Schools

§ Technology Labs at All Buildings

§ Weight Room at BHS

Seating Capacities:

Bernards High School:

Performing Arts Center	1080
Lower Gym	1170
Wrestling Room	42
Upper Gym	460
Cafeteria	350

Bernardsville Middle School:

Multipurpose Room	328
Gymnasium	1000

Bedwell School:

Multipurpose Room	369
Gymnasium	640

These rules and regulations are subject to change at any time by the Somerset Hills Board of Education. Reasonable notice of any change will be given to any applicant whose application has been approved prior to such a change.

Equal Opportunity

No pupil, employee, or other person shall, on the grounds of race, color, national origin, sexual orientation, gender, religion, English proficiency, socio-economic status, or disability be excluded from participation in, be denied the benefits of, or otherwise be subject to discrimination under any Somerset Hills School District program, employment practice, or activity. In addition, the curriculum promotes mutual acceptance and respect among pupils and

enables pupils to interact effectively with others. N.J.A.C. 6:4-1.3(b) and 6:4-1.5; Section 504; Rehabilitation Act of 1973; N.J.S.A. 10: S; Title IX, Education Amendments of 1972.

The Board shall provide to all persons who supervise youth programs that are not sponsored by the school district, but operate a program in a district building before or after school hours, on the weekend, or during a period when school is not in session, information on the district's school practices and procedures in the event of a school safety or security incident at a school including non-confidential information on evacuation procedures, emergency response protocols, and emergency contact information in accordance with the provisions of N.J.S.A. 18A:41-7.

The Superintendent shall develop regulations for the use of school facilities; such regulations shall be distributed to every user of the facilities and every applicant for the use of school facilities. Permission to use school facilities shall be granted only to persons and organizations that agree to the terms of Policy and Regulation 7510, the requirements as outlined in the use of school facilities application, and in accordance with the terms outlined in the approval granted by the school district.

N.J.S.A. 18A:20-20; 18A:20-34; 18A:41-7

Appendix D: Presentation-Olcott Field Focus Group (Lights) 3-27-24



Olcott Stadium Focus Group II: Investigating the Feasibility of Upgraded Lighting

March 27, 2024

Welcome, Introductions, & Structuring our Work

Who are your Facilitators?

Brian Brotschul, *Superintendent of Schools*
Coleen Butler, *Assistant Superintendent*
Jinnee DeMarco, *Business Administrator*
Scott Neigel, *BHS Principal*
Mike Hoppe, *BHS Assistant Principal/Athletic Director*

Who is our Focus Group?

Olcott Neighbors
Parents
Students
Staff Members
Residents



Examining the Challenge of Enhanced Lighting

- Who:** Community focus group of stakeholders
- What:** Sharing perceptions of enhancing lighting
- When:** June 2023, December 2023, March 2024, and September 2024
- Where:** Olcott Field; Bernards High School
- Why:** Enhancing lighting quality/Assessing neighborhood needs



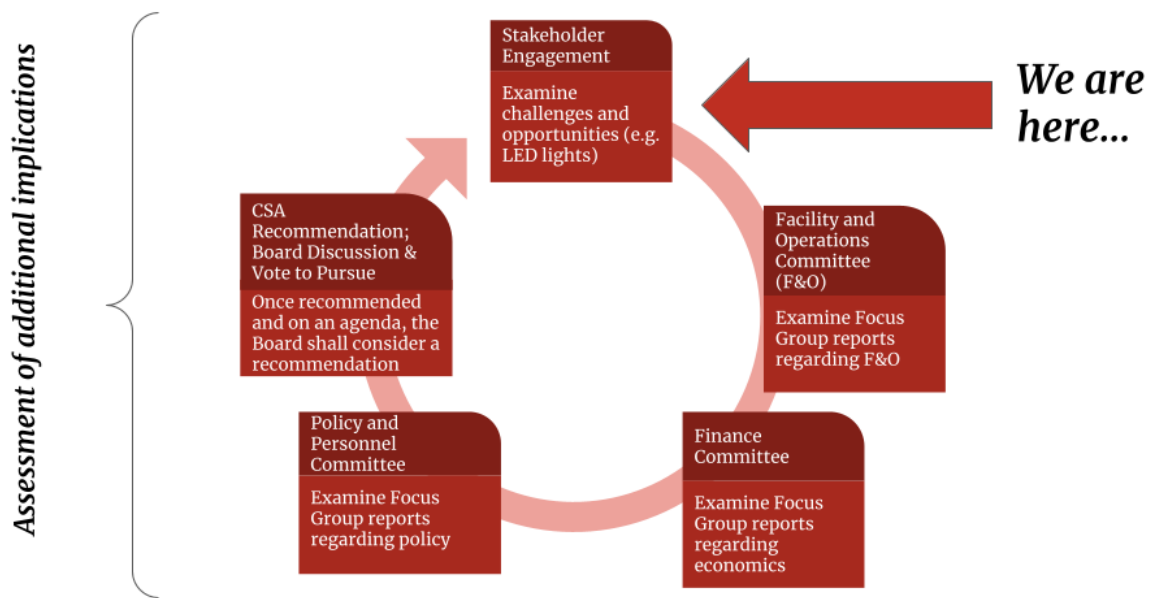
Providing December Focus Group Deliverables

At the December 7, 2023 Focus Group, the following items were requested:

- ✓ More defined information about lumens and spillage
- ✓ Economic preparedness and projections
- ✓ Pole height
- ✓ Site visits

Spring 2024 Delivery





How Board of Education Decisions are Made: A Primer for the Focus Group

Examining the Challenge

Structuring Our Work

Overview from the Superintendent (30 minutes)

- Context
- Reviewing our work
- December deliverables

Conversation Spaces (45 minutes)

Gallery Walk (10 minutes)

Debrief and Future Engagement (5 minutes)

Adjournment



Reviewing our Work: Direction, Examination and Balance

- 1 The Charge**
Develop and implement a process to study the installation of LED lights by engaging the public we serve
- 2 Areas Examined**
Positive outcomes, concerns and drawbacks, what we learned, developing our future work
- 3 Balancing Responsibilities**
Serve as great neighbors and provide enhanced facilities for our students

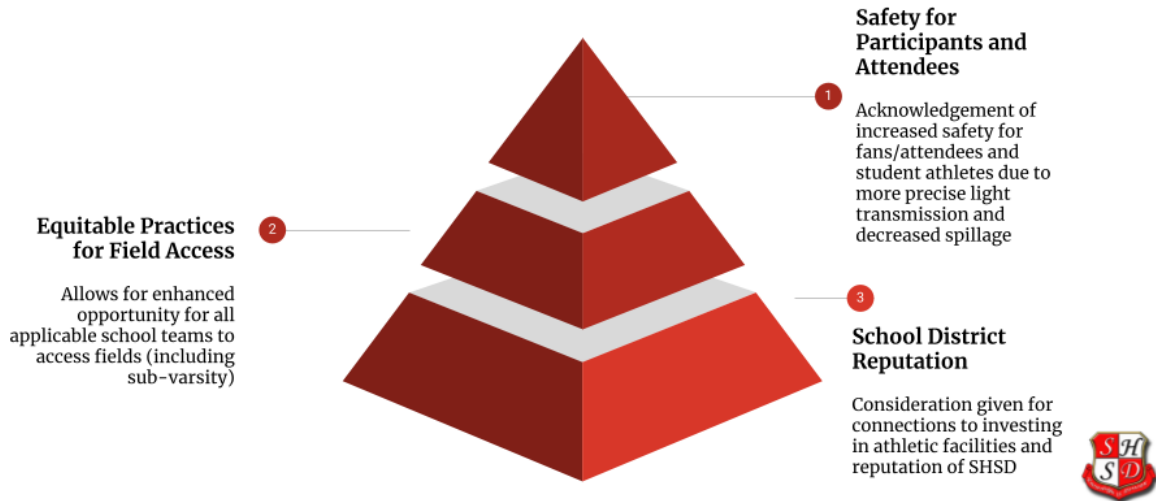


Reviewing our Work: Stakeholder Engagement

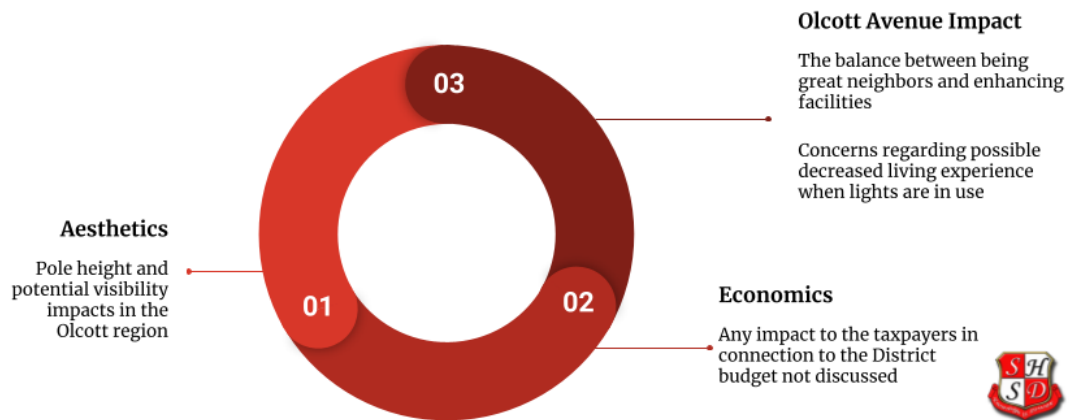
- 1 June 19, 2023**
Open forum with 30 members of the public in attendance
- 2 December 7, 2023**
Open invitations sent to all Somerset Hills communities to participate in focus groups designed to examine the feasibility of adding LED lights to Olcott Field (45 stakeholders participated and formal report presented on 1/24/24)
- 3 March 27, 2024**
Open invitations sent to entire Somerset Hills communities to participate in follow-up focus group designed to examine the feasibility of adding LED lights to Olcott Field (with formal report anticipated on 4/24/24)



Reviewing our Work: Positive Outcomes



Reviewing our Work: Concerns & Drawbacks



Reviewing our Work: Agreements

Technology of 2023-era lights: no comparison to current lighting solution



Operational norms require definition. The District needs to further articulate how they intend to use the facility.



Economic variables regarding any additional taxpayer impact should be presented.

What Participants Agreed Upon
Technology - Operations - Economics



Next Level of Work

Depth and Breadth of Olcott Avenue Impact



Long-Range Facility Plan Development



Economics

Surveying our neighbors and stakeholders

Solidify long-term facility plan vision

Assess long-term economic impact to any installation project

Future Questions to Guide Our Work
Good Neighbors - Planning - Economics



Reviewing our Work: Focus Group I Recommendations

Approve Submission of Interim Report I

Completed at
January 24, 2024
SHSD BOE Meeting



Commission Lighting System Plan

Completed at
January 24, 2024
SHSD BOE Meeting

Examine Applicable Facility Usage Policy

Should the examination progress, future deliberations and due diligence by the SHSD BOE would likely include a policy audit by the *Policy and Personnel Committee* pursuant to Focus Group recommendations.

Assess Economic Variables

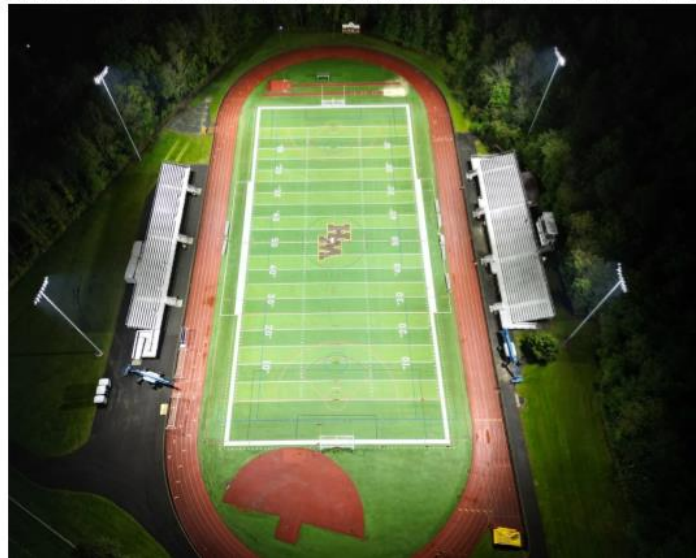
To be delivered at
March 27, 2024
Focus Group Meeting

Tour Comparable Facilities

To be completed
April 9, 2024



Reviewing 2023 Era Lighting Installations



Reviewing 2023 Era Lighting Installations



Projected Lighting Information: Lumens & Spillage

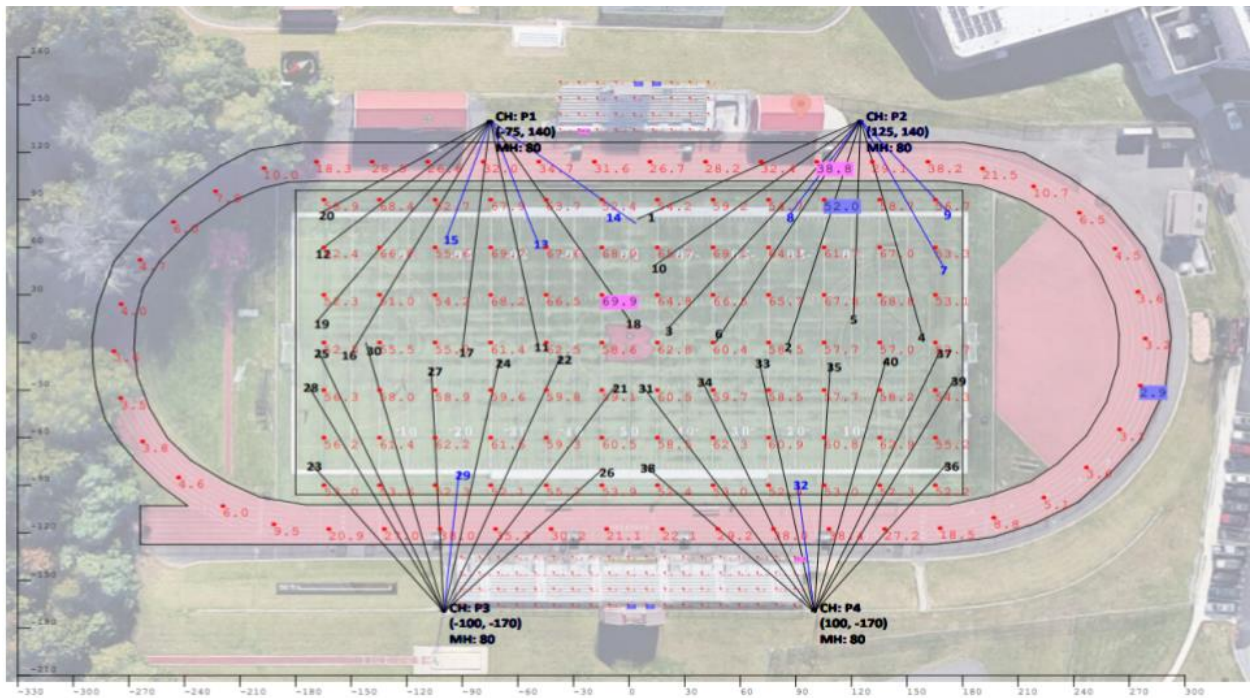
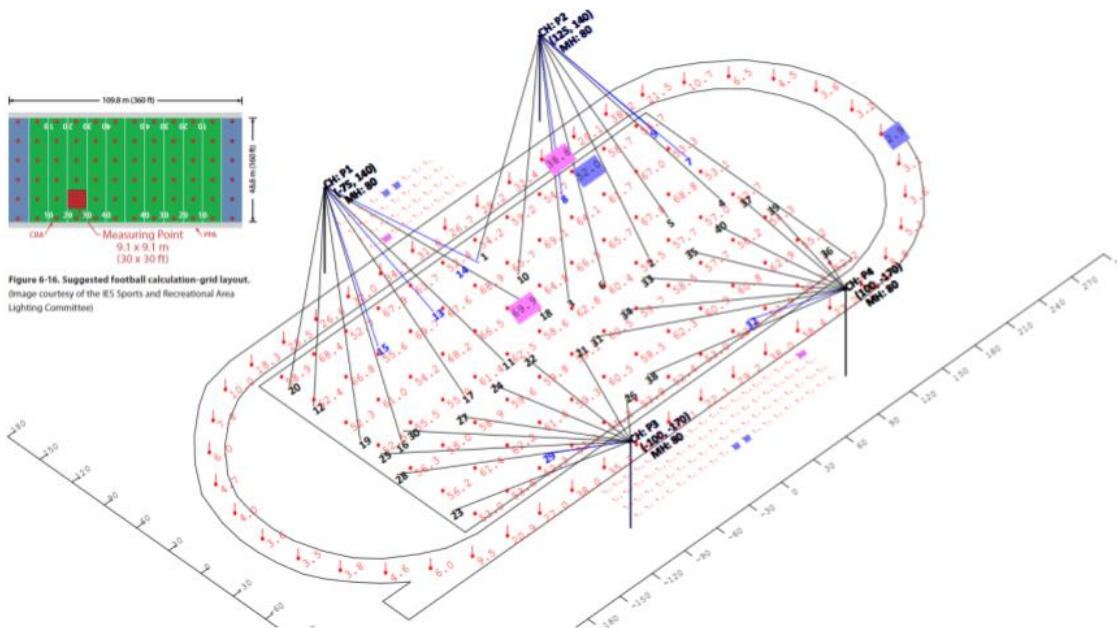
Recommended Calculation Grid Layout

Lumen Impact - Playing Surface, Bleachers, and Beyond

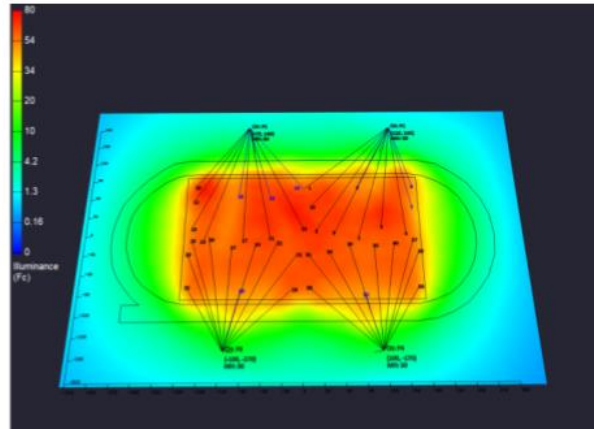
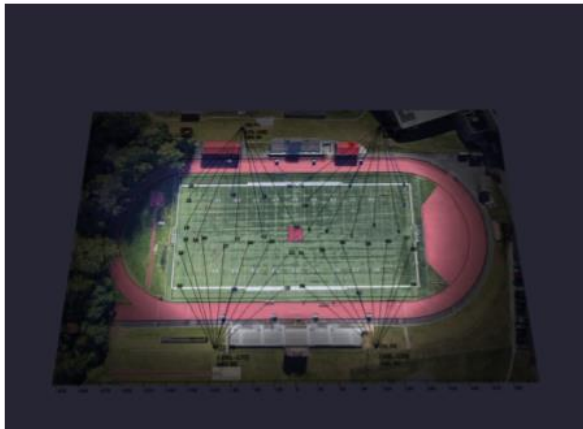
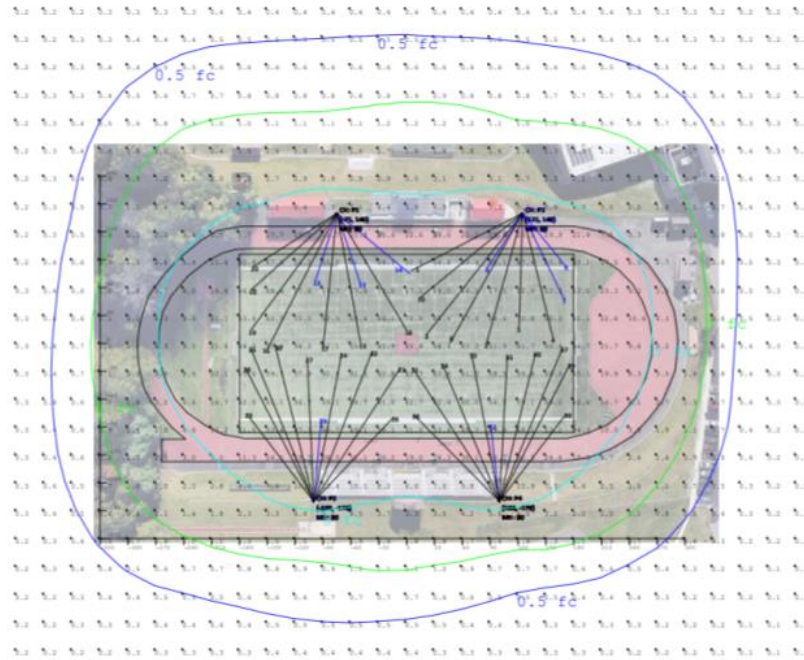
Illuminance Mapping



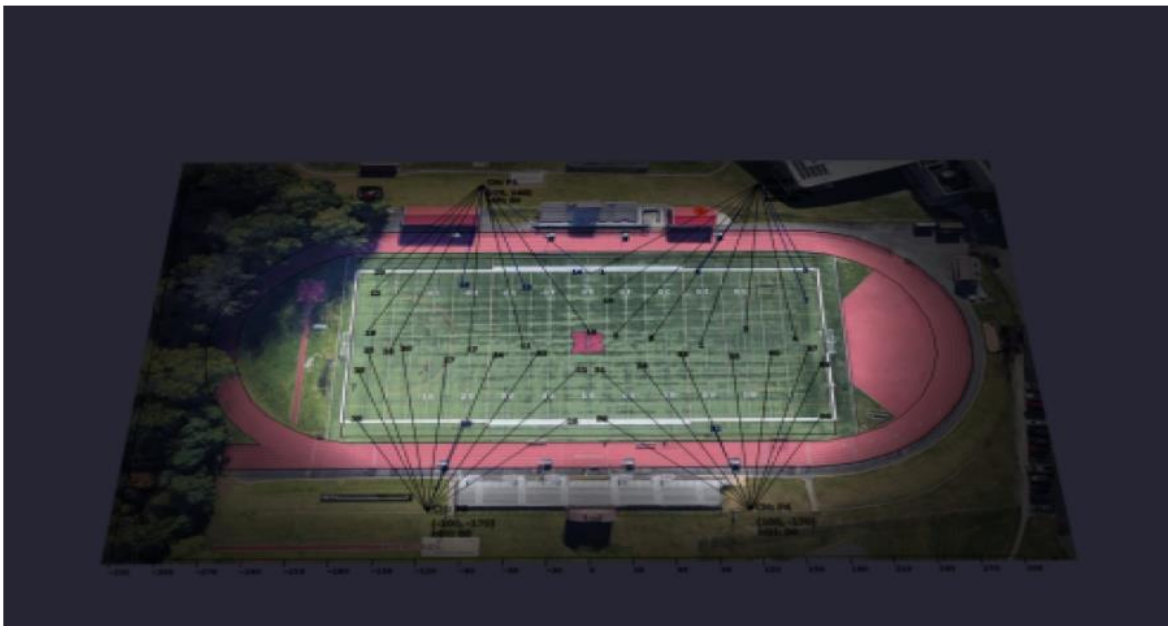
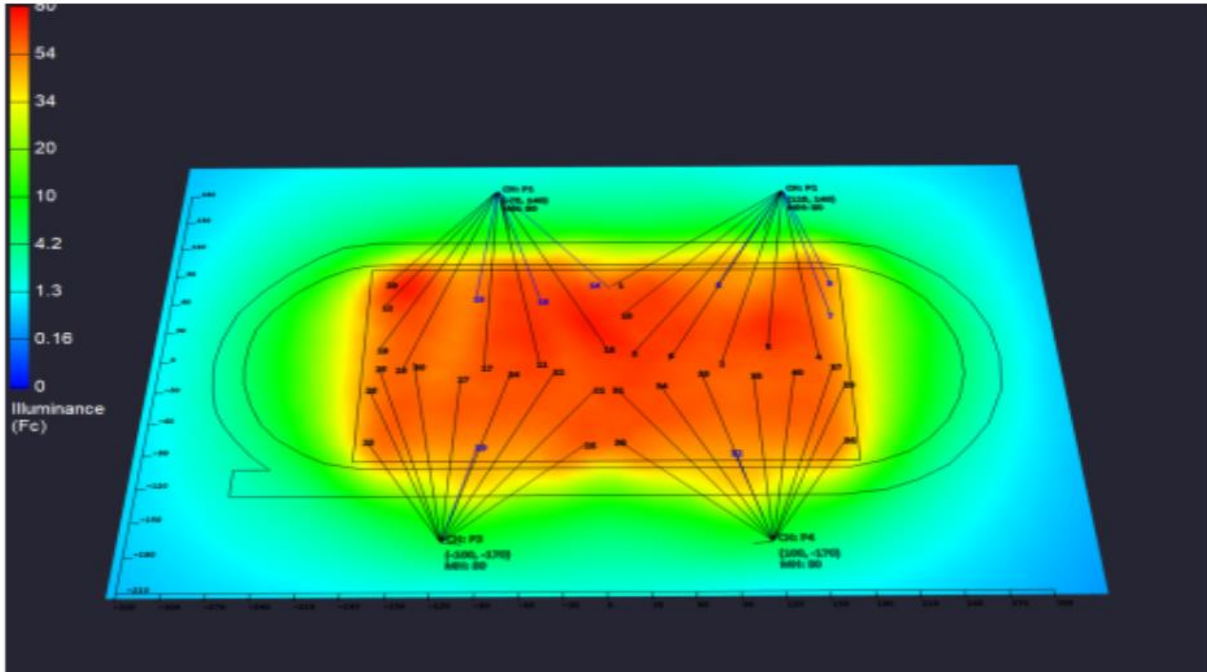
An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field



An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field



An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field



Projected Lighting Information: Pole Height

Olcott Avenue, in the area of the stairs adjacent to the shot put, is 20 feet above the field level.

The elevation continues to rise as you travel farther north on Olcott Avenue.

It is reasonable to conclude that pole height on Olcott Avenue is approximately 60 feet above street level, which is the same height as 25 Olcott Avenue (SHSD Administrative Offices).



Funding of Equipment and Installation

Should project progress forward, multiple options would be presented to the Board to allow for their consideration.

Option A: Pay for the equipment and installation as we did with the turf field in 2023, the BMS media center in 2023, and the BHS track in 2024 through a withdrawal from our capital reserve account, which has no impact on the taxpayer by contributing to an additional tax increase.

Option B: Replace expiring debt (Energy Savings Improvement Program) with new debt, resulting in a “net zero” or “neutral” budget impact.



Procurement of Equipment and Installation

Should project progress forward, multiple options would be presented to the Board to allow for their consideration.

Option A: Publicly bid entire project (poles, light fixtures and installation).

Option B: Purchase light fixtures and installation through Cooperative Purchasing Agreement. Publicly bid the installation of the poles.



Economic Impacts and Projections

Cost per hour to operate: \$8 - \$10

Life of Lights: 150,000 hours

Sample Project Cost: \$1.2M - \$1.5M



Economic Impacts and Projections

Should project progress forward following Board deliberation, the administration will be prepared fiscally to conduct this work in the Summer of 2025 without additionally impacting the annual school budget.



Focus Group Norms

- ★ Voluntary participation
- ★ It is acceptable to abstain from discussing specific topics if you are not comfortable
- ★ All responses are valid - speak as openly as you feel comfortable
- ★ Respect the opinions of others
- ★ Remain on topic so we can cover our intended agenda



Focus Group II Cohort Assignments

Conversation Spaces

BHS Mountaineer Group: (Scott Neigel) - Main Floor A

BMS Bulldog Group: (Coleen Butler) - 2nd floor of Media Center

Bedwell Eagles Group: (Jinnee DeMarco) - Main Floor B

Somerset Hills Group: (Mike Hoppe) - Cafe



Gallery Walks

What speaks to you?

Walk independently or in a small group, from poster to poster, and review the feedback from each group. While reflecting at each poster, **place a sticker** next to **any** point that you find particularly important for the District to consider further.

These posters will become an important artifact and will guide the District's examination of athletic lights moving forward.



Debrief and Future Engagements

Tour of Morristown High School Facility on April 9, 2024 (to be confirmed)

Report on behalf of the Focus Group at the April 24, 2024 SHSD BOE meeting

Fall Engagement (September 2024) of Focus Group

Board Committee Review - Tentative (October 2024)

Full Board Discussion - Tentative (October 2024 Regular Public Meeting)

Board Action - If applicable (November 2024 Regular Public Meeting or later)

If Board acts on project - Superintendent and Business Administrator make fiscal arrangements to include the work as directed in the FY26 budget



Site Visit Information

Who: Community focus group of stakeholders

What: Site visit for athletic lights

When: (Tues) April 9, 2024 - Time TBA

Where: 50 Early Street Morristown, NJ 07960

Why: Assessing impact of enhancing lighting quality



Community Survey Access

Consider completing the following survey by April 30, 2024.



Adjournment

Contact Us

SHSDFocusGroups@shsd.org

Join our email list for future communications.

Thank you for participating!



Appendix E: Presentation-Olcott Field Focus Group (Lights) 6-4-24



Olcott Stadium Focus Group V: The Feasibility of Upgraded Lighting

June 4, 2024

Structuring our Work

Community Survey Review
Morristown High School Site Visit
Future Process Outline



Examining the Challenge of Enhanced Lighting

Who: Community focus group of stakeholders

What: Sharing perceptions of enhancing lighting

When: June 2023, December 2023, March 2024, April 2024, and June 2024

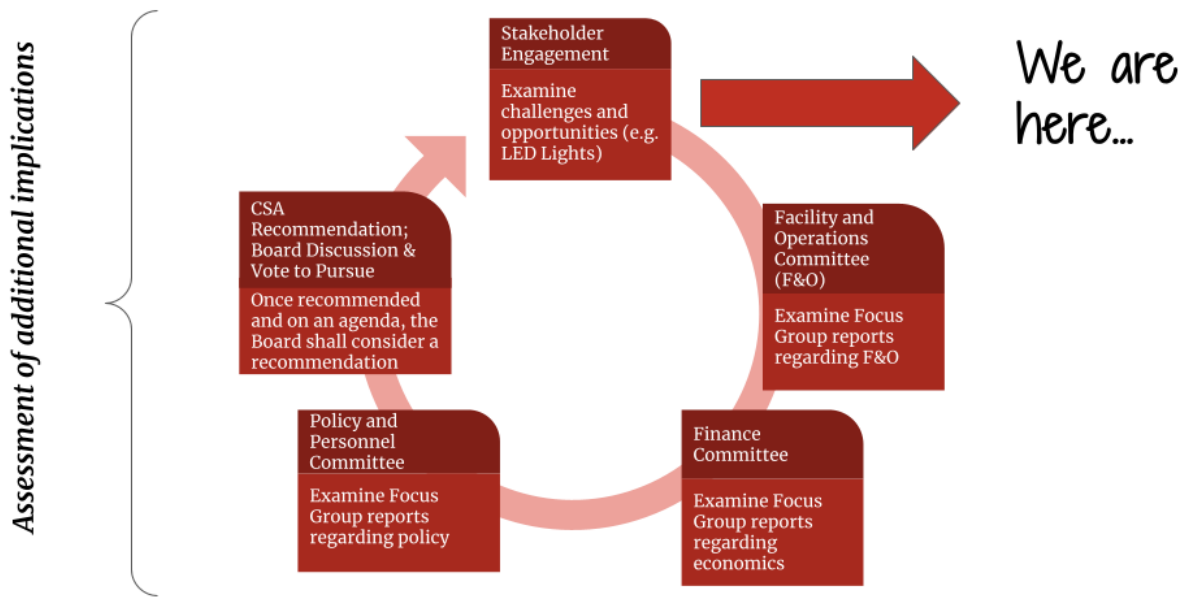
Where: Olcott Field; Bernards High School

Why: Enhancing Lighting Quality



2023 Era Lighting Installations





How Board of Education Decisions are Made: A Primer for the Focus Group

Community Survey

Participants

742 Overall

158 Students (21.2%)

53 Staff Members (7.1%)

41 Residents of the Olcott Region without school aged children in SHSD (5.5%)

35 Residents of the Olcott Region with school aged children in SHSD (4.7%)

104 community members without school aged children in SHSD (14%)

343 community members with school aged children in SHSD (46.2%)

Community Survey

Overall Results

Participation results reflect high number of community members with school aged children, district students and district staff that completed the survey

Participation results favor non-Olcott Region community members, which must be given strong consideration

Survey provides predictable results given participation results and stakeholder status

No bots; no 'ballot stuffing'

Community Survey: Agreement-All Respondents

Agreements

1. The installation of permanent poles and upgraded LED lights will provide a safely lit playing surface. (4.6)
2. The installation of permanent poles and upgraded LED lights will provide more precise illumination. (4.6)
3. The installation of permanent poles and upgraded LED lights will enhance the student experience at Bernards High School. (4.4)
4. The installation of permanent poles and upgraded LED lights will result in more evening field usage. (4.3)
5. Investigating permanent poles and upgraded LED lights has focused on balancing opportunities for students with being respectful of residents in the Olcott Avenue region (4.2)
6. The installation of permanent poles and upgraded LED lights are worth the cost. (4.2)
7. The installation of permanent poles and upgraded LED lights will result in more weekend field usage (4.0)

Community Survey: Agreement-Community Members

Agreements

1. The installation of permanent poles and upgraded LED lights will provide a safely lit playing surface. (4.7)
2. The installation of permanent poles and upgraded LED lights will provide more precise illumination. (4.6)
3. The installation of permanent poles and upgraded LED lights will enhance the student experience at Bernards High School. (4.5)
4. Investigating permanent poles and upgraded LED lights has focused on balancing opportunities for students with being respectful of residents in the Olcott Avenue region. (4.2)
5. The installation of permanent poles and upgraded LED lights will result in more evening field usage. (4.2)
6. The installation of permanent poles and upgraded LED lights are worth the cost. (4.2)

Community Survey: Agreement-Olcott Region

Agreements

1. The installation of permanent poles and upgraded LED lights will result in more evening field usage. (4.6)
2. The installation of permanent poles and upgraded LED lights will result in more weekendfield usage. (4.2)
3. The installation of permanent poles and upgraded LED lights will provide a safely lit playing surface. (4.1)
4. The installation of permanent poles and upgraded LED lights will provide more precise illumination. (4.0)

Community Survey: Agreement – Students and Staff

Agreements

1. The installation of permanent poles and upgraded LED lights will provide more precise illumination. (4.8)
2. The installation of permanent poles and upgraded LED lights will provide a safely lit playing surface. (4.8)
3. The installation of permanent poles and upgraded LED lights will enhance the student experience at Bernards High School. (4.6)
4. The installation of permanent poles and upgraded LED lights will result in more evening field usage. (4.6)
5. The installation of permanent poles and upgraded LED lights are worth the cost. (4.4)
6. The installation of permanent poles and upgraded LED lights will result in more weekendfield usage. (4.3)
7. Investigating permanent poles and upgraded LED lights has focused on balancing opportunities for students with being respectful of residents in the Olcott Avenue region (4.3)

Community Survey: Commonalities Amongst Stakeholder Groups

Agreement Amongst All Stakeholder Groups

1. The installation of permanent poles and upgraded LED lights will provide a safely lit playing surface. (4.6)
2. The installation of permanent poles and upgraded LED lights will provide more precise illumination. (4.6)
3. The installation of permanent poles and upgraded LED lights will result in more evening field usage. (4.3)

Community Survey: Commonalities Amongst Stakeholder Groups

Agreement Amongst All Stakeholder Groups Except Olcott Region Residents

1. The installation of permanent poles and upgraded LED lights will enhance the student experience at Bernards High School. (4.4)
2. Investigating permanent poles and upgraded LED lights has focused on balancing opportunities for students with being respectful of residents in the Olcott Avenue region (4.2)
3. The installation of permanent poles and upgraded LED lights are worth the cost. (4.2)

Community Survey: Commonalities Amongst Stakeholder Groups

Agreement Amongst All Stakeholder Groups Except Community Members Not Living in Olcott Region

1. The installation of permanent poles and upgraded LED lights will result in more weekend field usage (4.0)

Future Engagements

Board Committee(s) Review - Tentative (August, 2024)

Full Board Public Discussion - To Be Announced

Board Action - only if applicable (November 2024 Regular Public Meeting or later)

If Board acts on project - Superintendent and Business Administrator make fiscal arrangements to include the work as directed in the FY26 budget



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Appendix F: Community Survey Results

All Participants

Agreement Statements	Average Agreement	Number of responses
The installation of permanent poles and upgraded LED lights will provide a safely lit playing surface.	4.6	523
The installation of permanent poles and upgraded LED lights will provide more precise illumination.	4.6	520
The installation of permanent poles and upgraded LED lights will enhance the student experience at Bernards High School.	4.4	540
I understand the changes to Olcott Field being investigated with regards to enhanced lighting.	4.4	521
The installation of permanent poles and upgraded LED lights will result in more evening field usage.	4.3	526
The installation of permanent poles and upgraded LED lights supports the intended use of the land that the school district was gifted from the Olcott Family.	4.3	538
Investigating permanent poles and upgraded LED lights has focused on balancing opportunities for students with being respectful of residents in the Olcott Avenue region of the District.	4.2	513

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernard's High School's Olcott Field

The installation of permanent poles and upgraded LED lights are worth the cost.	4.2	547
The installation of permanent poles and upgraded LED lights will result in more weekend field usage.	4	526
The District has been open and transparent regarding the examination of the feasibility of adding permanent poles and upgraded LED lights to Olcott Field.	4	518
The installation of permanent light poles and upgraded LED lights would positively impact the quality of life for the Olcott Avenue region of Bernardsville.	4	553
The installation of permanent poles and upgraded LED lights will decrease light spillage into the Olcott Avenue region of Bernardsville.	3.8	521
The installation of permanent poles and upgraded LED lights will positively impact real estate values.	3.7	540
The installation of permanent poles and upgraded LED lights will add to the historical value of the Olcott Avenue region of Bernardsville.	3.4	525
I would like more information about permanent poles and upgraded LED lights.	3.3	514

The current portable lights operate quiet enough for the neighbors in Olcott Avenue region of Bernardsville.	3.1	568
The current portable lights are suitable for the neighbors in the Olcott Avenue region of Bernardsville.	2.9	576
The current portable lights are cost efficient.	2.5	607
The installation of permanent poles and upgraded LED lights does not impact me.	2.3	523
The current portable lights are suitable for athletic contests.	2.2	622
The current portable lights provide equitable opportunities for all students to access the field for games.	2.2	589
The current portable lights provide safe lighting to the playing surface for student athletes.	2.2	613
The current portable lights provide safely illuminated athletic contests.	2.1	565
The current portable lights are precise in their operation.	2.1	558

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Community Members with School Aged Children in SHSD Schools

Agreement Statements	Average (Agreement Statements)	Number of responses
The installation of permanent poles and upgraded LED lights will provide a safely lit playing surface.	4.8	286
The installation of permanent poles and upgraded LED lights will provide more precise illumination.	4.7	286
The installation of permanent poles and upgraded LED lights will enhance the student experience at Bernards High School.	4.6	294
The installation of permanent poles and upgraded LED lights supports the intended use of the land that the school district was gifted from the Olcott Family.	4.5	293
I understand the changes to Olcott Field being investigated with regards to enhanced lighting.	4.5	287
Investigating permanent poles and upgraded LED lights has focused on balancing opportunities for students with being respectful of residents in the Olcott Avenue region of the District.	4.4	284
The installation of permanent poles and upgraded LED lights are worth the cost.	4.4	298
The District has been open and transparent regarding the examination of the feasibility of adding permanent poles and upgraded LED lights to Olcott Field.	4.3	287
The installation of permanent poles and upgraded LED lights will result in more evening field usage.	4.2	289
The installation of permanent light poles and upgraded LED lights would positively impact the quality of life for the Olcott Avenue region of Bernardsville.	4.2	300

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

The installation of permanent poles and upgraded LED lights will decrease light spillage into the Olcott Avenue region of Bernardsville.	4	286
The installation of permanent poles and upgraded LED lights will result in more weekend field usage.	3.9	289
The installation of permanent poles and upgraded LED lights will positively impact real estate values.	3.9	293
The installation of permanent poles and upgraded LED lights will add to the historical value of the Olcott Avenue region of Bernardsville.	3.5	286
I would like more information about permanent poles and upgraded LED lights.	3.3	284
The current portable lights operate quiet enough for the neighbors in Olcott Avenue region of Bernardsville.	2.9	302
The current portable lights are suitable for the neighbors in the Olcott Avenue region of Bernardsville.	2.8	305
The current portable lights are cost efficient.	2.3	318
The installation of permanent poles and upgraded LED lights does not impact me.	2.2	287
The current portable lights are suitable for athletic contests.	2	320
The current portable lights provide equitable opportunities for all students to access the field for games.	2	313
The current portable lights provide safe lighting to the playing surface for student athletes.	1.9	319
The current portable lights provide safely illuminated athletic contests.	1.9	304
The current portable lights are precise in their operation.	1.9	300

Community Members Without School Aged Children in SHSD Schools

Agreement Statements	Average (Agreement Statements)	Number of responses
The installation of permanent poles and upgraded LED lights will provide a safely lit playing surface.	4.4	85
The installation of permanent poles and upgraded LED lights will provide more precise illumination.	4.3	84
The installation of permanent poles and upgraded LED lights will result in more evening field usage.	4.3	85
I understand the changes to Olcott Field being investigated with regards to enhanced lighting.	4.1	85
The installation of permanent poles and upgraded LED lights will enhance the student experience at Bernards High School.	4	87
The installation of permanent poles and upgraded LED lights will result in more weekend field usage.	4	86
Investigating permanent poles and upgraded LED lights has focused on balancing opportunities for students with being respectful of residents in the Olcott Avenue region of the District.	3.7	84
The installation of permanent poles and upgraded LED lights supports the intended use of the land that the school district was gifted from the Olcott Family.	3.7	87
The installation of permanent poles and upgraded LED lights will decrease light spillage into the Olcott Avenue region of Bernardsville.	3.6	85

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

The installation of permanent poles and upgraded LED lights are worth the cost.	3.6	87
The District has been open and transparent regarding the examination of the feasibility of adding permanent poles and upgraded LED lights to Olcott Field.	3.5	84
I would like more information about permanent poles and upgraded LED lights.	3.3	83
The installation of permanent light poles and upgraded LED lights would positively impact the quality of life for the Olcott Avenue region of Bernardsville.	3.3	87
The installation of permanent poles and upgraded LED lights will positively impact real estate values.	3.2	87
The current portable lights operate quiet enough for the neighbors in Olcott Avenue region of Bernardsville.	3.2	89
The current portable lights are suitable for the neighbors in the Olcott Avenue region of Bernardsville.	3	91
The installation of permanent poles and upgraded LED lights will add to the historical value of the Olcott Avenue region of Bernardsville.	2.8	87
The installation of permanent poles and upgraded LED lights does not impact me.	2.7	85
The current portable lights are cost efficient.	2.6	96
The current portable lights provide safe lighting to the playing surface for student athletes.	2.6	98

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

The current portable lights provide equitable opportunities for all students to access the field for games.	2.6	94
The current portable lights are suitable for athletic contests.	2.5	98
The current portable lights provide safely illuminated athletic contests.	2.5	90
The current portable lights are precise in their operation.	2.3	88

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Olcott Region Residents with School Aged Children in SHSD Schools

Agreement Statements	Average (Agreement Statements)	Number of responses
The installation of permanent poles and upgraded LED lights will result in more evening field usage.	4.6	31
The installation of permanent poles and upgraded LED lights will provide a safely lit playing surface.	4.6	31
The installation of permanent poles and upgraded LED lights will provide more precise illumination.	4.6	30
The installation of permanent poles and upgraded LED lights will enhance the student experience at Bernards High School.	4.5	31
Investigating permanent poles and upgraded LED lights has focused on balancing opportunities for students with being respectful of residents in the Olcott Avenue region of the District.	4.4	31
The installation of permanent poles and upgraded LED lights supports the intended use of the land that the school district was gifted from the Olcott Family.	4.3	31
The District has been open and transparent regarding the examination of the feasibility of adding permanent poles and upgraded LED lights to Olcott Field.	4.2	31
The installation of permanent poles and upgraded LED lights are worth the cost.	4.2	32
I understand the changes to Olcott Field being investigated with regards to enhanced lighting.	4.1	31

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

The installation of permanent poles and upgraded LED lights will result in more weekend field usage.	4.1	31
The installation of permanent light poles and upgraded LED lights would positively impact the quality of life for the Olcott Avenue region of Bernardsville.	3.9	33
The installation of permanent poles and upgraded LED lights will decrease light spillage into the Olcott Avenue region of Bernardsville.	3.8	31
The installation of permanent poles and upgraded LED lights will positively impact real estate values.	3.6	31
I would like more information about permanent poles and upgraded LED lights.	3.6	31
The current portable lights operate quiet enough for the neighbors in Olcott Avenue region of Bernardsville.	3.1	34
The installation of permanent poles and upgraded LED lights will add to the historical value of the Olcott Avenue region of Bernardsville.	3.1	30
The current portable lights are suitable for the neighbors in the Olcott Avenue region of Bernardsville.	3	34
The current portable lights are cost efficient.	2.2	34
The installation of permanent poles and upgraded LED lights does not impact me.	2.1	31
The current portable lights provide safely illuminated athletic contests.	2.1	34
The current portable lights are precise in their operation.	1.9	33

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

The current portable lights provide safe lighting to the playing surface for student athletes.	1.9	34
The current portable lights provide equitable opportunities for all students to access the field for games.	1.9	34
The current portable lights are suitable for athletic contests.	1.9	34

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Olcott Region Residents without School Aged Children in SHSD Schools

Agreement Statements	Average (Agreement Statements)	Number of responses
The installation of permanent poles and upgraded LED lights will result in more evening field usage.	4.5	38
The installation of permanent poles and upgraded LED lights will result in more weekend field usage.	4.3	38
I would like more information about permanent poles and upgraded LED lights.	3.9	38
I understand the changes to Olcott Field being investigated with regards to enhanced lighting.	3.8	38
The current portable lights operate quiet enough for the neighbors in Olcott Avenue region of Bernardsville.	3.7	40
The current portable lights provide equitable opportunities for all students to access the field for games.	3.7	39
The current portable lights are cost efficient.	3.7	40
The current portable lights provide safely illuminated athletic contests.	3.6	39
The current portable lights are suitable for the neighbors in the Olcott Avenue region of Bernardsville.	3.6	39
The current portable lights provide safe lighting to the playing surface for student athletes.	3.6	41
The installation of permanent poles and upgraded LED lights will provide a safely lit playing surface.	3.6	38
The current portable lights are suitable for athletic contests.	3.6	41

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

The installation of permanent poles and upgraded LED lights will provide more precise illumination.	3.6	38
The District has been open and transparent regarding the examination of the feasibility of adding permanent poles and upgraded LED lights to Olcott Field.	3.4	38
The current portable lights are precise in their operation.	3.2	38
Investigating permanent poles and upgraded LED lights has focused on balancing opportunities for students with being respectful of residents in the Olcott Avenue region of the District.	3.1	38
The installation of permanent poles and upgraded LED lights will enhance the student experience at Bernards High School.	2.9	38
The installation of permanent poles and upgraded LED lights will decrease light spillage into the Olcott Avenue region of Bernardsville.	2.6	38
The installation of permanent poles and upgraded LED lights supports the intended use of the land that the school district was gifted from the Olcott Family.	2.3	38
The installation of permanent poles and upgraded LED lights are worth the cost.	2.2	38
The installation of permanent light poles and upgraded LED lights would positively impact the quality of life for the Olcott Avenue region of Bernardsville.	2.2	38
The installation of permanent poles and upgraded LED lights will positively impact real estate values.	2	38
The installation of permanent poles and upgraded LED lights does not impact me.	1.7	38

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

The installation of permanent poles and upgraded LED lights will add to the historical value of the Olcott Avenue region of Bernardsville.	1.6	38
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All Olcott Region Residents

Agreement Statements	Average (Agreement Statements)	Number of responses
The installation of permanent poles and upgraded LED lights will result in more evening field usage.	4.6	69
The installation of permanent poles and upgraded LED lights will result in more weekend field usage.	4.2	69
The installation of permanent poles and upgraded LED lights will provide a safely lit playing surface.	4.1	69
The installation of permanent poles and upgraded LED lights will provide more precise illumination.	4	68
I understand the changes to Olcott Field being investigated with regards to enhanced lighting.	4	69
The District has been open and transparent regarding the examination of the feasibility of adding permanent poles and upgraded LED lights to Olcott Field.	3.8	69
I would like more information about permanent poles and upgraded LED lights.	3.7	69
Investigating permanent poles and upgraded LED lights has focused on balancing opportunities for students with being respectful of residents in the Olcott Avenue region of the District.	3.7	69
The installation of permanent poles and upgraded LED lights will enhance the student experience at Bernards High School.	3.6	69
The current portable lights operate quiet enough for the neighbors in Olcott Avenue region of Bernardsville.	3.5	73

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

The current portable lights are suitable for the neighbors in the Olcott Avenue region of Bernardsville.	3.3	72
The installation of permanent poles and upgraded LED lights supports the intended use of the land that the school district was gifted from the Olcott Family.	3.2	69
The installation of permanent poles and upgraded LED lights are worth the cost.	3.1	70
The installation of permanent poles and upgraded LED lights will decrease light spillage into the Olcott Avenue region of Bernardsville.	3.1	69
The installation of permanent light poles and upgraded LED lights would positively impact the quality of life for the Olcott Avenue region of Bernardsville.	3	71
The current portable lights are cost efficient.	3	73
The current portable lights provide safely illuminated athletic contests.	2.9	72
The current portable lights provide equitable opportunities for all students to access the field for games.	2.9	72
The current portable lights provide safe lighting to the playing surface for student athletes.	2.8	74
The current portable lights are suitable for athletic contests.	2.8	74
The installation of permanent poles and upgraded LED lights will positively impact real estate values.	2.7	69
The current portable lights are precise in their operation.	2.6	71

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

The installation of permanent poles and upgraded LED lights will add to the historical value of the Olcott Avenue region of Bernardsville.	2.3	68
The installation of permanent poles and upgraded LED lights does not impact me.	1.9	69

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Staff

Agreement Statements	Average (Agreement Statements)	Number of responses
The installation of permanent poles and upgraded LED lights will provide a safely lit playing surface.	4.7	44
The installation of permanent poles and upgraded LED lights will provide more precise illumination.	4.7	44
The District has been open and transparent regarding the examination of the feasibility of adding permanent poles and upgraded LED lights to Olcott Field.	4.5	42
Investigating permanent poles and upgraded LED lights has focused on balancing opportunities for students with being respectful of residents in the Olcott Avenue region of the District.	4.4	41
The installation of permanent poles and upgraded LED lights will enhance the student experience at Bernards High School.	4.4	44
I understand the changes to Olcott Field being investigated with regards to enhanced lighting.	4.4	43
The installation of permanent poles and upgraded LED lights supports the intended use of the land that the school district was gifted from the Olcott Family.	4.3	44
The installation of permanent poles and upgraded LED lights will result in more evening field usage.	4.3	43
The installation of permanent poles and upgraded LED lights are worth the cost.	4.2	45

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

The installation of permanent light poles and upgraded LED lights would positively impact the quality of life for the Olcott Avenue region of Bernardsville.	4.1	46
The installation of permanent poles and upgraded LED lights will decrease light spillage into the Olcott Avenue region of Bernardsville.	3.9	44
The installation of permanent poles and upgraded LED lights will positively impact real estate values.	3.7	44
The installation of permanent poles and upgraded LED lights will result in more weekend field usage.	3.5	44
The installation of permanent poles and upgraded LED lights will add to the historical value of the Olcott Avenue region of Bernardsville.	3.3	43
The current portable lights operate quiet enough for the neighbors in Olcott Avenue region of Bernardsville.	3.2	46
I would like more information about permanent poles and upgraded LED lights.	3	42
The current portable lights are suitable for the neighbors in the Olcott Avenue region of Bernardsville.	3	46
The installation of permanent poles and upgraded LED lights does not impact me.	2.7	44
The current portable lights are cost efficient.	2.5	48
The current portable lights provide equitable opportunities for all students to access the field for games.	2	47
The current portable lights provide safe lighting to the playing surface for student athletes.	2	49

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

The current portable lights are precise in their operation.	1.9	45
The current portable lights provide safely illuminated athletic contests.	1.8	46
The current portable lights are suitable for athletic contests.	1.8	49

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Students

Agreement Statements	Average (Agreement Statements)	Number of responses
The installation of permanent poles and upgraded LED lights will provide more precise illumination.	4.8	88
The installation of permanent poles and upgraded LED lights will provide a safely lit playing surface.	4.8	89
The installation of permanent poles and upgraded LED lights will result in more evening field usage.	4.7	89
The installation of permanent poles and upgraded LED lights supports the intended use of the land that the school district was gifted from the Olcott Family.	4.7	95
The installation of permanent poles and upgraded LED lights will enhance the student experience at Bernards High School.	4.7	96
The installation of permanent poles and upgraded LED lights will result in more weekend field usage.	4.7	88
The installation of permanent poles and upgraded LED lights are worth the cost.	4.5	99
I understand the changes to Olcott Field being investigated with regards to enhanced lighting.	4.5	87
The installation of permanent light poles and upgraded LED lights would positively impact the quality of life for the Olcott Avenue region of Bernardsville.	4.3	102

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

Investigating permanent poles and upgraded LED lights has focused on balancing opportunities for students with being respectful of residents in the Olcott Avenue region of the District.	4.2	83
The installation of permanent poles and upgraded LED lights will add to the historical value of the Olcott Avenue region of Bernardsville.	4.1	89
The installation of permanent poles and upgraded LED lights will positively impact real estate values.	4	97
The installation of permanent poles and upgraded LED lights will decrease light spillage into the Olcott Avenue region of Bernardsville.	4	87
The District has been open and transparent regarding the examination of the feasibility of adding permanent poles and upgraded LED lights to Olcott Field.	3.5	85
I would like more information about permanent poles and upgraded LED lights.	3.4	85
The current portable lights operate quiet enough for the neighbors in Olcott Avenue region of Bernardsville.	3.2	113
The current portable lights are suitable for the neighbors in the Olcott Avenue region of Bernardsville.	3.1	117
The current portable lights are cost efficient.	2.8	129
The current portable lights provide safe lighting to the playing surface for student athletes.	2.5	132
The current portable lights are suitable for athletic contests.	2.4	140

An Investigation into the Feasibility of Installing Light-Emitting Diode Lights in the Long-Range Facility Plan for the Somerset Hills School District at Bernards High School's Olcott Field

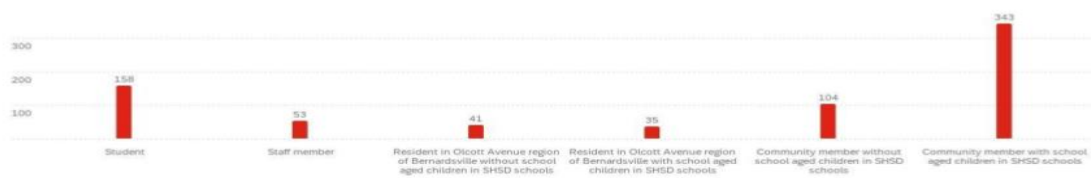
The current portable lights provide equitable opportunities for all students to access the field for games.	2.2	119
The current portable lights provide safely illuminated athletic contests.	2.2	108
The current portable lights are precise in their operation.	2.2	106
The installation of permanent poles and upgraded LED lights does not impact me.	2.2	88

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All Respondents

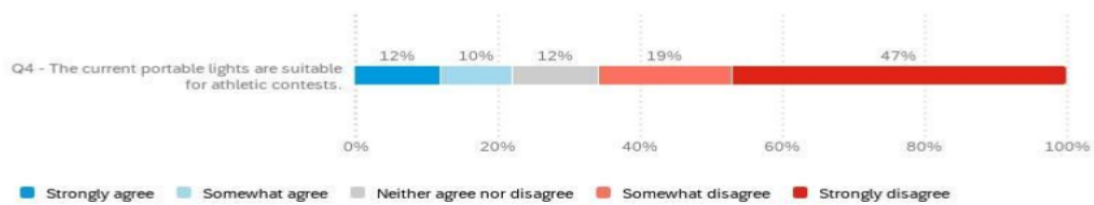
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Count of Responses by Stakeholder 673

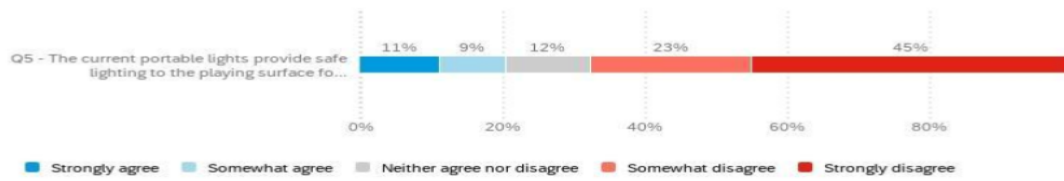


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The current portable lights are suitable for athletic contests. 622

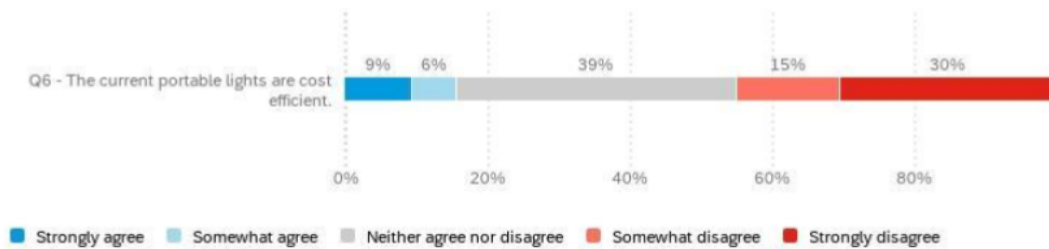


The current portable lights provide safe lighting to the playing surface. 613

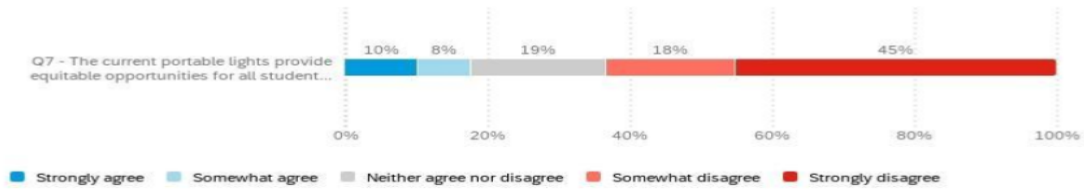


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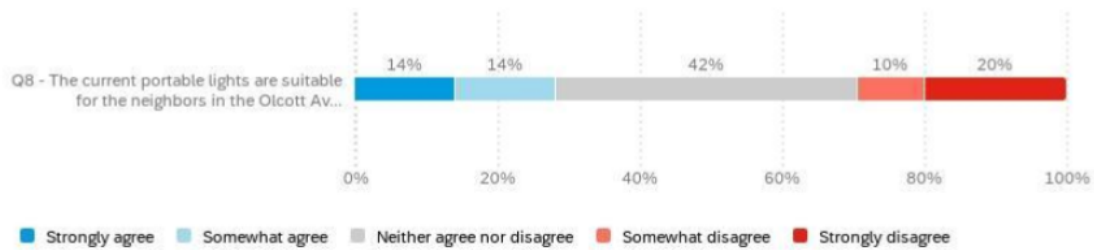
The current portable lights are cost efficient. 607

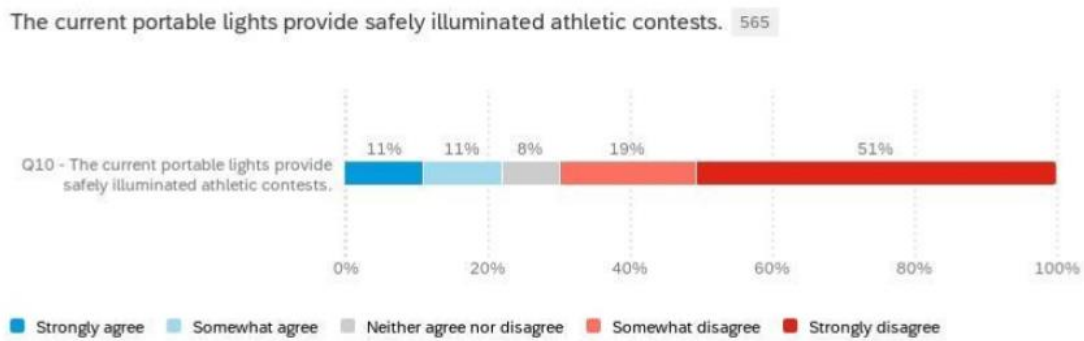
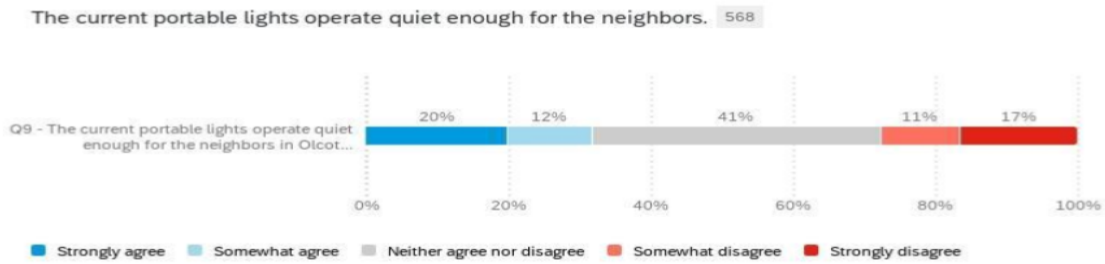


The current portable lights provide equitable opportunities for all students. 589

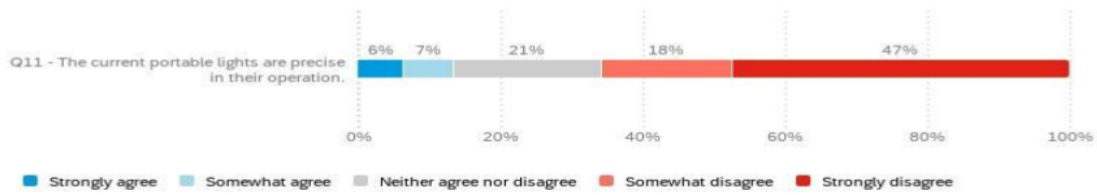


The current portable lights are cost efficient. 576



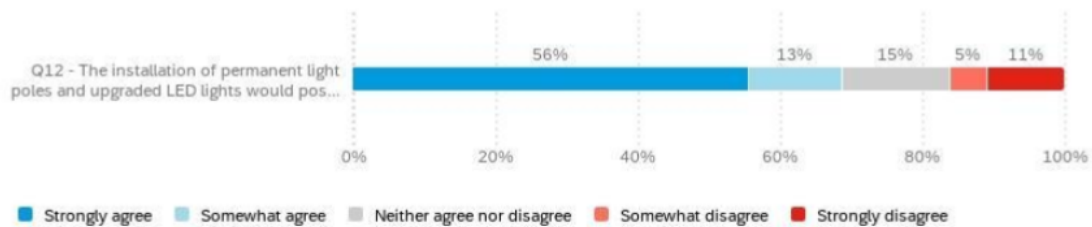


The current portable lights are precise in their operation. 558

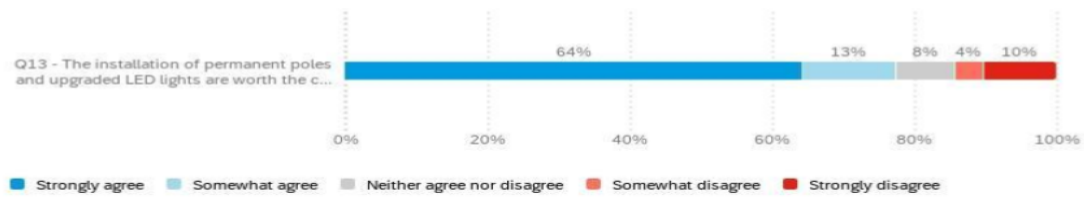


The installation of permanent light poles and upgraded LED lights would positively impact quality of life.

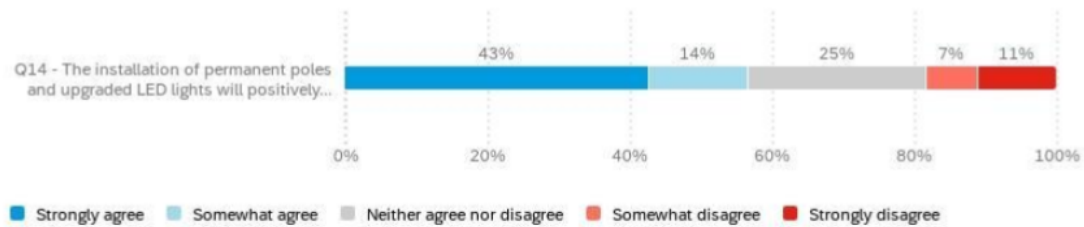
553



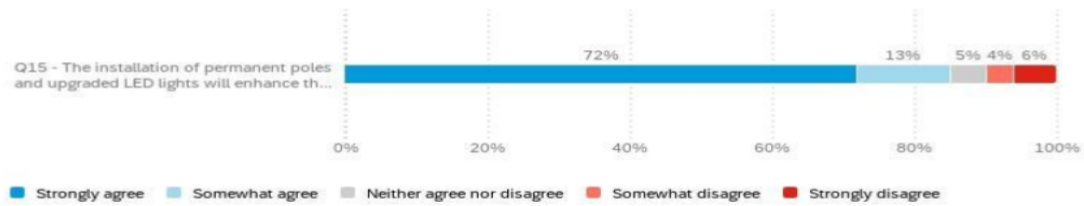
The installation of permanent pole and upgraded LED lights are worth the cost. 547



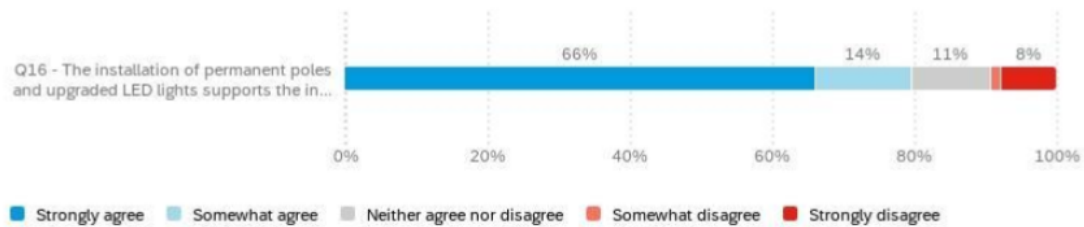
The installation of permanent light poles and upgraded LED lights will positively impact real estate values. 540



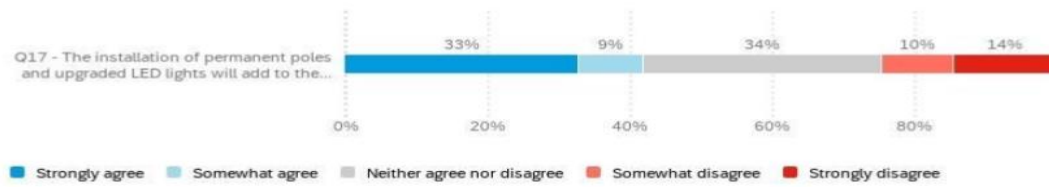
The installation of permanent pole and upgraded LED lights will enhance the student experience. 540



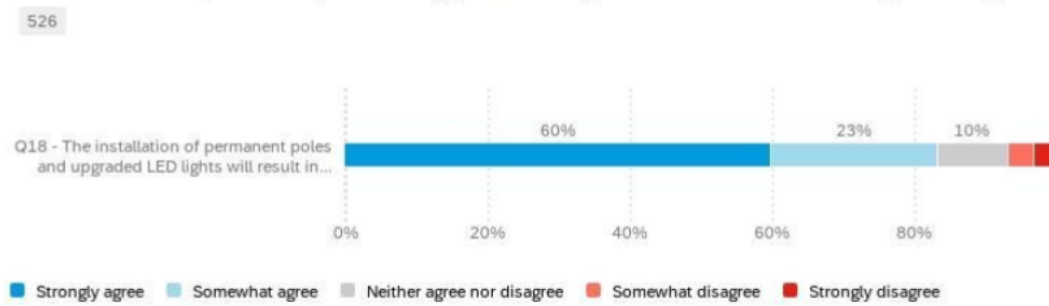
The installation of permanent poles and upgraded LED lights supports the intended use of the land donated by the Olcott family. 538



The installation of permanent pole and upgraded LED lights add to the historical value of the Olcott Avenue region of Bernardsville. 525

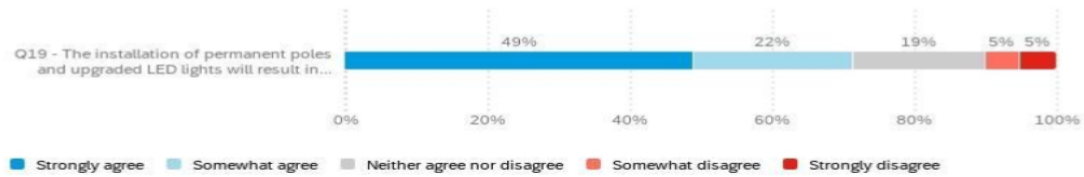


The installation of permanent poles and upgraded LED lights will result in more evening field usage. 526



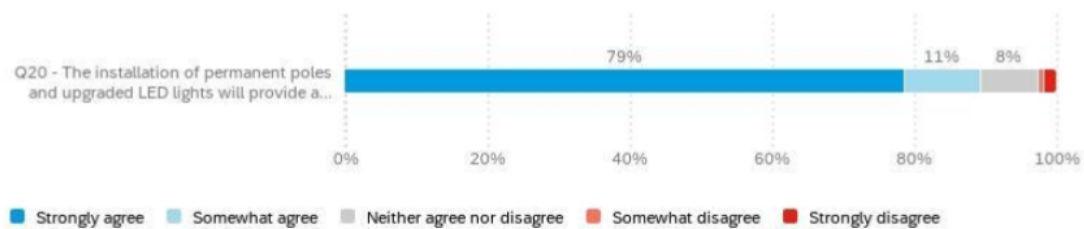
The installation of permanent pole and upgraded LED lights will result in more weekend field usage.

526

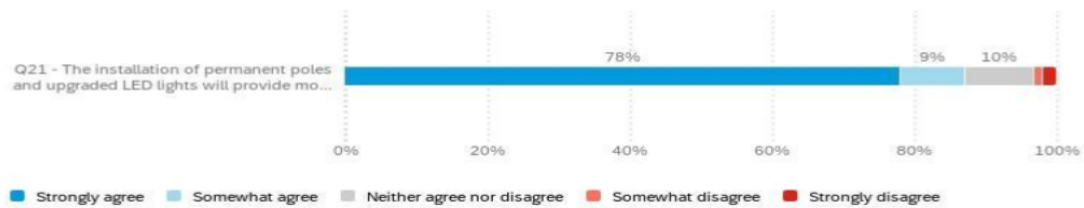


The installation of permanent poles and upgraded LED lights will provide a safely lit playing surface.

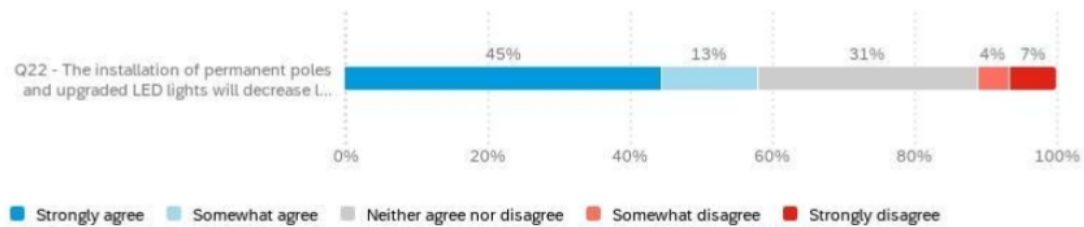
523



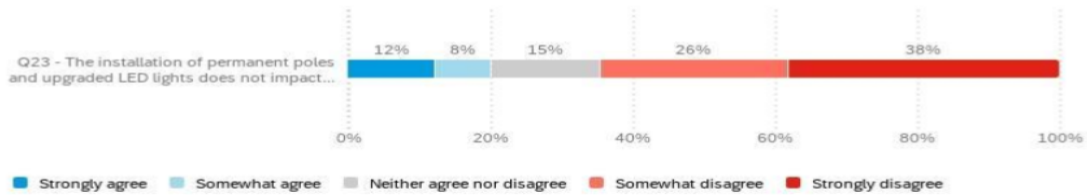
The installation of permanent pole and upgraded LED lights will provide more precise illumination. 520



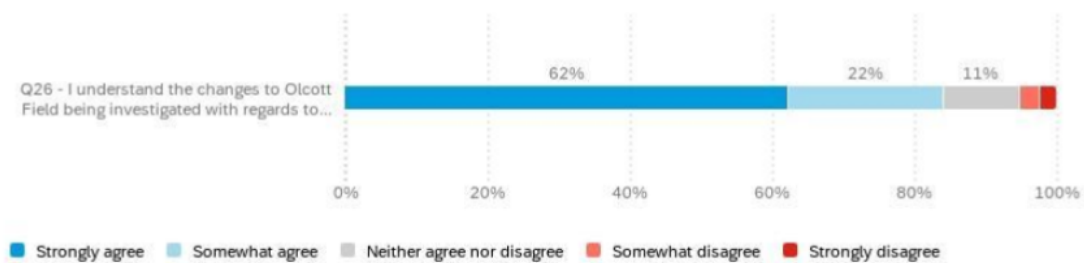
The installation of permanent poles and upgraded LED lights will decrease light spillage into the Olcott Avenue region of Bernardsville. 521



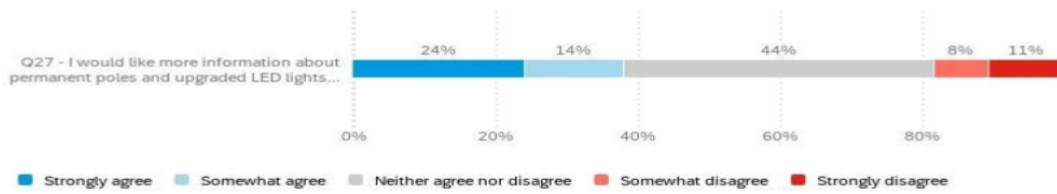
The installation of permanent pole and upgraded LED lights does not impact me. 523



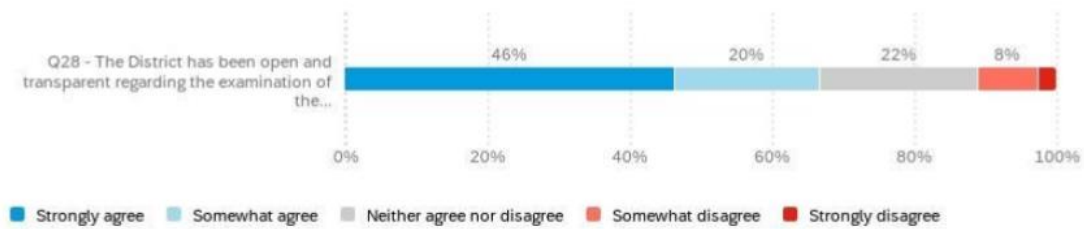
I understand the changes to Olcott Field being investigated with regards to enhanced lighting. 521



I would like more information about permanent poles and upgraded LED lights. 514



The District has been open and transparent regarding the examination of the feasibility of adding permanent poles and upgraded LED lights to Olcott Field. 518



Investigating permanent poles and upgraded LED lights has focused on balancing opportunities for students with being respectful of residents in the Olcott Avenue region of the District. 513

