



BOBBY MORRIS PLAYFIELD LIGHTING REPLACEMENT PROJECT

Existing Lighting Conditions:

- The current outdated lighting system was installed in 1964.
- The current lighting system consists of 88 unshielded 1500 watt floodlights on wood poles ranging from 75'-90'. The existing floodlights are beyond their useful life and require significant maintenance to keep them operational.
- The wood poles are approximately 47 years old and have limited structural capacity.
- Lighting levels produced by the floodlights are below recommended standards for safe play.
- The existing floodlights do not meet current DPD and Seattle Parks recommended practices for limiting light pollution in the form of glare, light trespass and "sky glow".

Current Technology & Benefits:

- The latest advances in athletic field lighting technology consist of floodlights that are more energy efficient and environmentally friendly.
- The current generation of athletic field lighting delivers more light to the field and not into the surrounding community.
- The new system will be part of the Parks Department Energy Management Control System to provide remote, programmed controls. This reduces the incidence of lights being on while the field is not in use.
- The proposed shielded floodlight system would reduce the number of floodlights and light poles; reducing the overall connected load of the lighting system, resulting in a reduction in the amount of energy used at this field over the 30 year life of the system.
- The proposed lighting system will provide a significant reduction in the amount of glare and sky glow that is produced by the existing system.
- Additional manufacturer maintenance warranties will be purchased to ensure that normal maintenance of the lighting system is conducted on a regular basis.
- The proposed lighting system shall conform to current Seattle Parks policy of lighting existing lighted recreational fields in residential areas to Class IV lighting levels as defined by Illuminating Engineering Society of North America (IESNA). Class IV lighting is the lowest level recommended to provide enough light for safe play.

Budget:

- Funding is through the Cumulative Reserve Fund for Ballfields, Athletic Courts & Play Areas.
- Ballfield Lighting Upgrade program was initiated in 2006.
- Total project budget for planning, public process, design, and construction is estimated to be \$600,000.

Process:

- Community Meeting –Presentation of design, community input collected.
- Pro View Technical Review – Internal Technical Review of Construction Drawings
- Solicit Bids and issue construction contract.

Schedule:

- Design: Spring 2011
- Construction: June 20 - August 26, 2011 (subject to change based on contracting and weather)
- Completion: September 2011, Field to be available for September Programming.

Meeting Agenda

Tuesday, March 22, 2011

6:30– 7:30 p.m.

Cal Anderson Shelter House

1635 11th Ave, Seattle, WA 98122

6:30 – 6:35 PM Welcome and Introductions, *Kelly Davidson, Seattle Parks*

6:35 – 6:40 PM Project Overview, *Kelly Davidson*

- Project Scope
- Schedule & Budget
- Process (public meeting, design review, bidding, construction)
- Goals for Tonight's Meeting

6:40 – 7:10 PM Design Presentation, *Melanie Taylor, WSP Flack + Kurtz*

7:10 – 7:25 PM Community Discussion

7:25 – 7:30 PM Next Steps, *Kelly Davidson*

For more information contact:

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Website:

Meeting Information will be posted on line after the meeting.

<http://seattle.gov/parks/maintenance/BallfieldLighting.htm>

Thank you for your participation tonight.