

# Lake Street Field

## Special Use Permit

### Oak Park Plan Commission

*July 21, 2022*



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of OAK PARK



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# Need for Renovation of OPRF Fields



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OPRFHS is in need of a site for track and field

- Access to Concordia track ceases in the spring of 2024
- District is landlocked without meaningful options to add acreage to our campus
- Several options for partnering for a track have been explored
  - Triton: already sharing with other schools
  - Other High Schools: would push us to late workouts and no home meets
  - Any such arrangements would come with transportation costs (approx. \$40,000 yearly)
  - Land acquisition: no viable options
  - Partnership with PDOP has been the best option from the beginning



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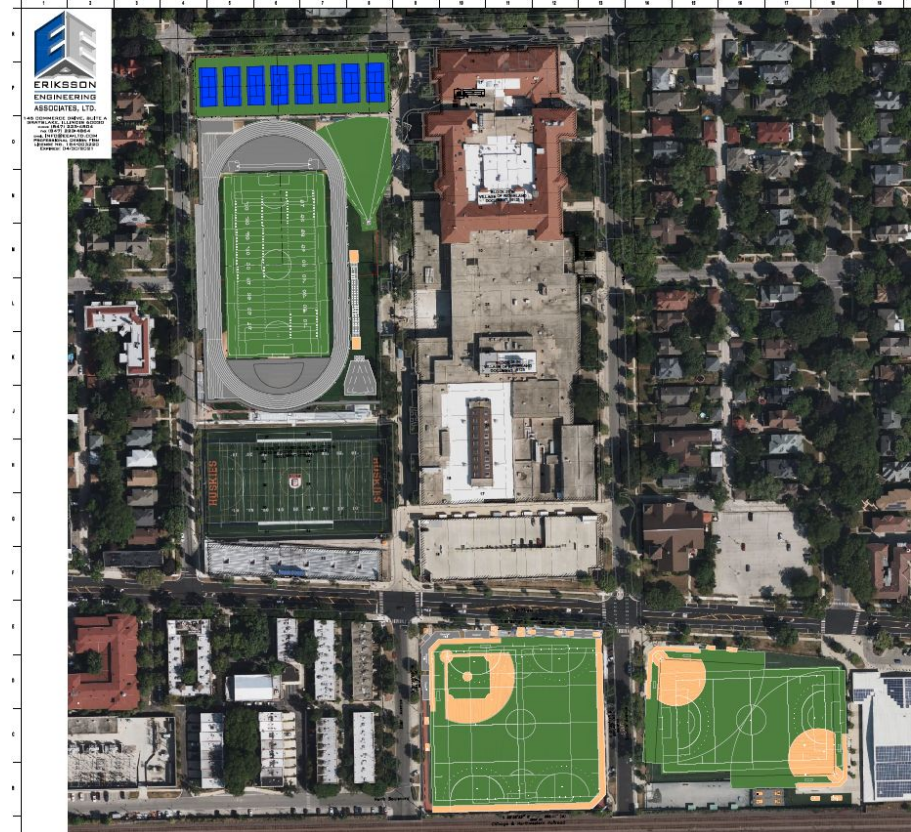
# The Most Viable Solution



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By the Fall of 2023, have the following in place:

1. 400M track (with competitive field) on the back fields between tennis courts and stadium
2. Upgraded Ridgeland Common for softball programs
3. Multi-sport turf field on Lake Street (to be used in spring for varsity baseball)





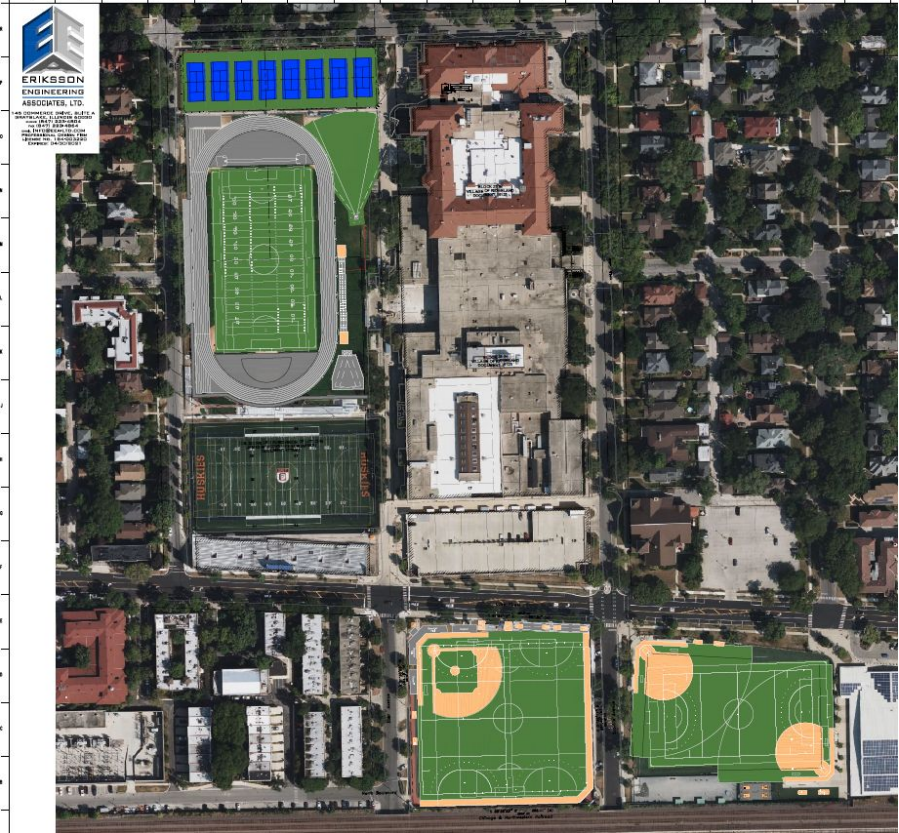
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# Park District Use & Other Benefactors



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1. Physical Education classes during school day
2. After school sports and activities, including marching band
3. Park District of Oak Park
4. Feeder programs
5. School Districts 90 and 97
6. Community





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# Calendar of Events



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- ✓ April 6 OPRF Booster Club: Discussion/feedback at monthly meeting
- ✓ April 7 PDOP Board: Discussion of potential MOA to formalize collaboration between D200 and PDOP
- ✓ April 12 D200 Facilities Committee Meeting: Discussion/feedback at monthly meeting
- ✓ April 13 OPRFHS Neighbors: Invited to special meeting for discussion/feedback
- ✓ April 14 D200 Board: MOA, along with draft plans for field renovation, presented for discussion
- ✓ April 21 PDOP Board: Approves MOA
- ✓ April 27 Stadium Neighborhood Advisory Committee (SNAC): Discussion/feedback at regular meeting
- ✓ April 28 D200 Board: Approves MOA
- ✓ May 4 Open Public Meeting: PDOP/D200 host public meeting to gather community feedback
- ✓ Late May D200/PDOP:
  - Draft field-sharing schedule developed between PDOP and D200
  - Need for extended hours on Lake Street fields identified
- ✓ June D200: Finalize site plan including illumination study
- ✓ July D200/PDOP: Seek approval of new special use permit from Plan Commission and Village Board
- ✓ August D200 and PDOP: Finalize Intergovernmental Agreement



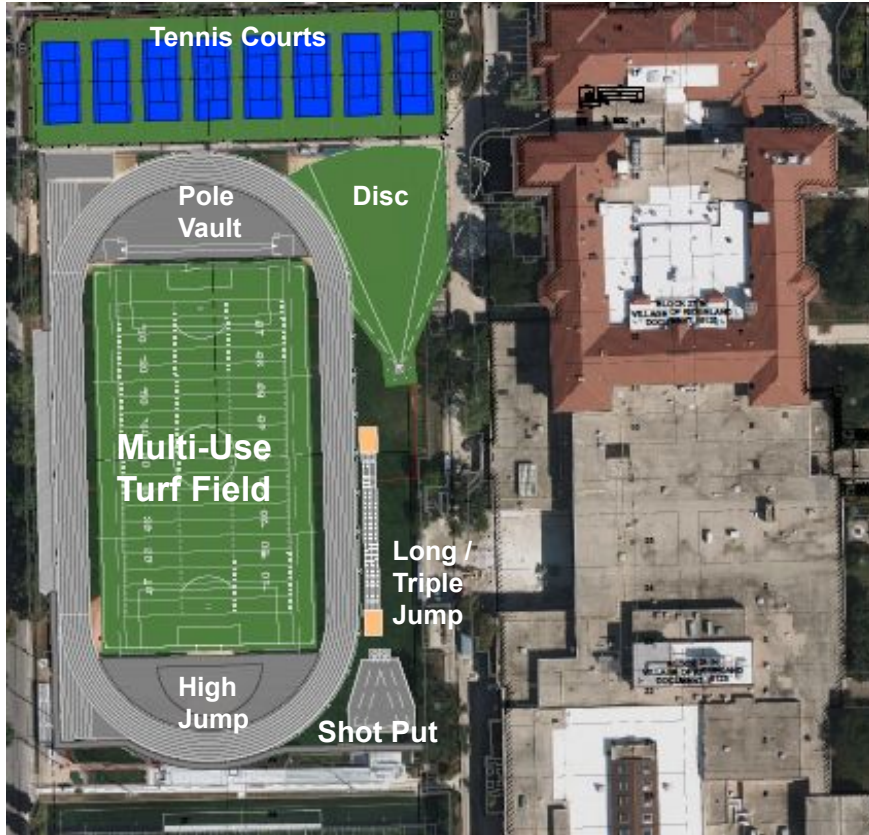


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# West Field Renovations



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- Full 400M, 8 lane track including areas for pole vault; long, triple, and high jump; shotput and discus
- 900 seat bleachers on West side of track
- Full synthetic turf 65 yard x 110 yard multi-sport field within track
- Discus and Shotput
- Tennis Courts are currently being updated
- Previous community use of the track on the Lake Street field will be shifted to use of this track, which is a significant upgrade for the community.



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# Ridgeland Common Renovations



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Girls softball moves to Ridgeland Common with following provisions:

1. OPRF to replace turf fields
2. OPRF Softball program has primary access for all practices and competitions
3. Enhanced facility-sharing IGA developed for other fields between PDOP and OPRF

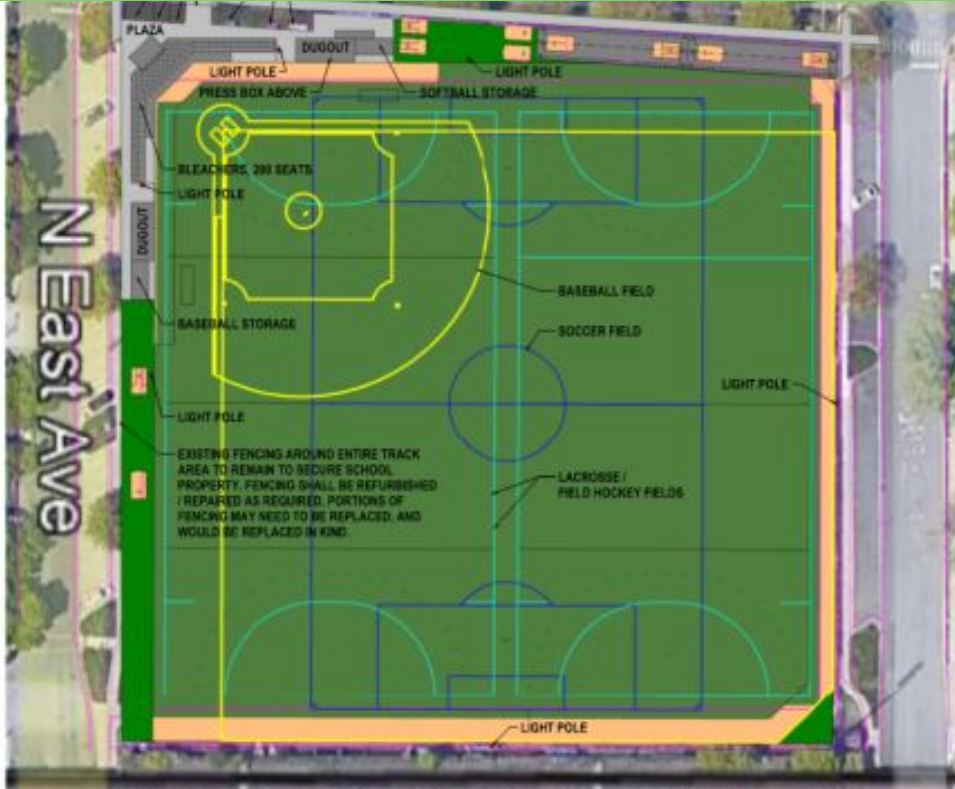


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# Lake Street Field Renovation



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- Field lining for fall and spring programming to allow for multi-sport, multi-season use
- Park District to share use of fields.
- Scaled back construction based on Title IX requirements for softball/baseball equity
- New Special Use Permit needed to accommodate changes to lights
  - 6 shorter lights positioned per revised field use needs
  - Improved technology will be more efficient and reduce glare & light spill
  - Extended lighting hours required to accommodate Park District programming needs



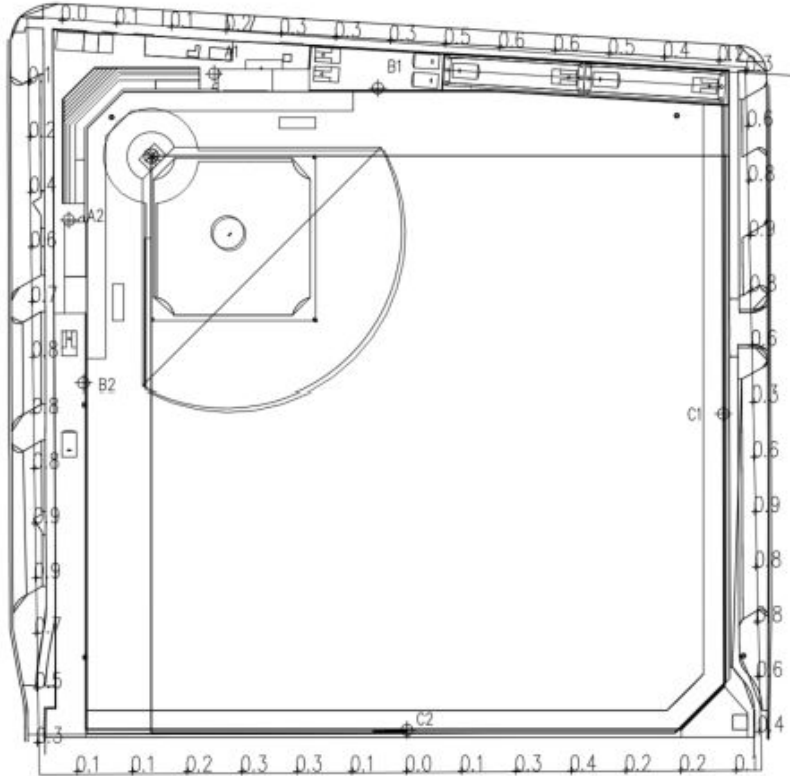


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# Lake Street - Lighting Improvements



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- The cutoff of the new LED fixtures is far superior to the existing field, dramatically improving the glare and spill light beyond the actual field of play
- Each fixture will have a glare shield directing light to the field. Additionally, the lumens on the field itself will be reduced.
- Total of 6 poles shorter than existing
  - 4 @ 80'-0" high
  - 2 @ 90'-0" high
- Lights can be designed to dim or only turn on a portion of the lights - which can be programmed by day/time.
- Improved efficiency LED lights with fewer fixture heads will use less energy



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# Modifications to Conditions



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The School District agrees to comply with all of the conditions from 2002-O-52 with the following modifications:

An extension of the lighting ordinance from 8:00 p.m. to 10:00 p.m. with the following stipulations:

- The extended timing for the lights would not be needed at all from July through February, limiting use of the lights from 8:00 p.m. to 10:00 p.m. to four months of the year: March, April, May, and June.
- The lights will not be on until 10:00 p.m. unless specific programming requires it. In other words, when the field is not in use during March, April, May, and June, OPRFHS will keep the lights off.
- Between the hours of 8:00 p.m. and 10:00 p.m. during the months mentioned above, the South field will be scheduled for use by the Park District and their affiliates for their spring sports programs.



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# Lake Street - Lighting Comparison



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What often is



2014 Other manufacturer's fixture with LED light source

Musco: what can be



2014 Musco Light-Structure Green System™ with LED light source  
LakesPoint Sporting Community - Emerson, Georgia, USA



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# Lake Street - Light Cutoff Example



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## KENT-STEIN PARK

Muscatine, Iowa, USA

Softball Field - 50 horizontal footcandles infield (500 lux)  
30 horizontal footcandles outfield (300 lux)

System Energy Comparison:  
18.0 kW - 60% reduction from typical HID equipment



# Thank You



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