



**MEASURE K** SCHOOL BONDS

**Building for 21st Century Learning**

**Long Beach Unified School District  
Measure K Bond Program Office**  
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## All Weather Fields

A goal of the Long Beach Unified School District is to provide safe and useable playing fields for all students. Considering site condition and need, the school district has identified schools where an all weather field is the solution to provide a reliable field for outdoor education.

### Benefits of Replacing Natural Grass Fields with All Weather Fields

- Reduced water use, helping to meet California’s water reduction mandate
- Better management of storm water runoff through subsurface drainage systems
- Durable, consistent and safe playing surface for outdoor education and sports
- Increased playable hours as all weather fields require less maintenance and repair
- Reduced maintenance costs and a longer lifespan than natural grass fields

### Components of All Weather Fields

The school district will use an infill that meets California’s stringent Prop. 65 health protection standards and consists of “100 percent virgin,” or new material, as opposed to recycled or “crumb” rubber. Links to further information on this infill, fibers, and shock pads used as a basis of design for all weather fields for the school district are provided below.

- Infill – 100% EPDM (virgin material) and sand mixture
  - [www.ttiionline.com/products/epdm-infill/](http://www.ttiionline.com/products/epdm-infill/)
- Fiber (blades) will be provided by one of the following vendors:
  - FieldTurf - [www.fieldturf.com/en/home](http://www.fieldturf.com/en/home)
  - Sprinturf - [www.sprinturf.com/](http://www.sprinturf.com/)
  - AstroTurf - [www.astroturf.com/](http://www.astroturf.com/)
  - Shaw Sports Turf - [www.shawsportsturf.com/](http://www.shawsportsturf.com/)
  - KYA/ACTGLOBAL - [www.actglobal.com/](http://www.actglobal.com/)
- Shock Pad – To assist with field safety and drainage
  - [www.brock-international.com/sports-field.htm](http://www.brock-international.com/sports-field.htm)

