

SportsEdge® Perimeter Track Drain Systems:

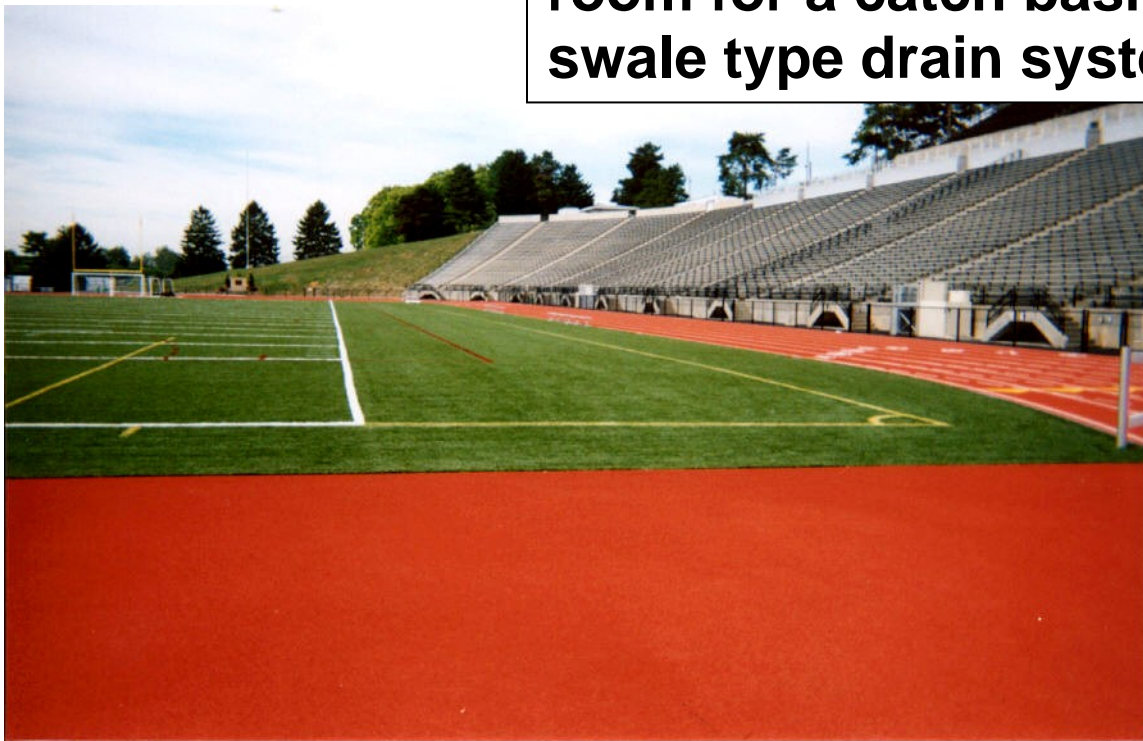
Perimeter Track Drain Systems are located at the low point where the running track meets the natural grass or synthetic turf field. **Surface track drains are installed around the entire perimeter of the 400-meter track**, approximately 6 inches inside of lane line one. There are several advantages to designing a track and field this way, as opposed to designing them with catch basins and swales, or relying solely on some type of perimeter subsurface drainage system.

1. **Protects Synthetic Track Surfaces:** Without the SportsEdge perimeter track drain system, grass can form a barrier at the edge of the track surface that will hold water. Standing water will eventually deteriorate and cause the failure of the all weather synthetic track surface. The SportsEdge drain system takes the storm water *off the surface immediately*. This allows track events to continue shortly after a rain storm, and ensures that lane one is not under standing water for several hours or longer. *Most track surfacing companies are not willing to warranty their surface of the drain system design is inadequate.*
2. **Synthetic Turf Fields Do Not Drain the Track:** *Sub-Surface* synthetic turf drains alone do not drain the Track sufficiently. In a large rain event the water on the track will pond at lane line one and on the inside edge of the synthetic turf field. This will cause the Rubber Infill material to float onto the synthetic track surface. A SURFACE DRAIN WILL TAKE THE WATER OFF THE SURFACE IMMEDIATELY....NO PONDING WATER!
3. **Subsurface Drains Alone are Insufficient for Tracks with Grass Fields:** This type of design is no longer considered a good alternative for modern track design, construction and drainage. With this system, surface drainage is not sufficient to properly drain the track, and will contribute to the eventual failure of the track surface. With Sub-surface drains alone there is no separation between the track and the field; ponding water will permit Grass Clippings, Sediment and other Debris to float onto the synthetic track surface.
4. **Widens the field of play inside of the track considerably:** This is important for football, but especially important for soccer, which requires a much wider field. It is nearly impossible to build a regulation soccer field inside a 400 meter track with a catch basin / swale design without endangering the athletes.
5. **Safety of the Athletes:** A perimeter drain minimizes a school's liability by eliminating the need for drainage swales, and large / unsafe catch basins with grates.
6. **More Usable "D" Zone:** Design is simplified, and the usable area inside the "D" for other track and field events is greater. This area can be particularly difficult to drain properly with catch basins. The problem is highlighted when the "D" area is to be synthetic rubber.
7. **Cost Effectiveness:** The value is clear for the minimal cost difference of the SportsEdge perimeter drain system vs. a catch basin / swale layout.
8. **Inside Curb / Drain:** Kill two birds with one stone! In addition to proper drainage, the SportsEdge® Drainage System and encasement concrete material also serves as an interior curb, which is generally required in track construction anyway.

PROBLEMS ASSOCIATED WITH POOR TRACK DRAINAGE



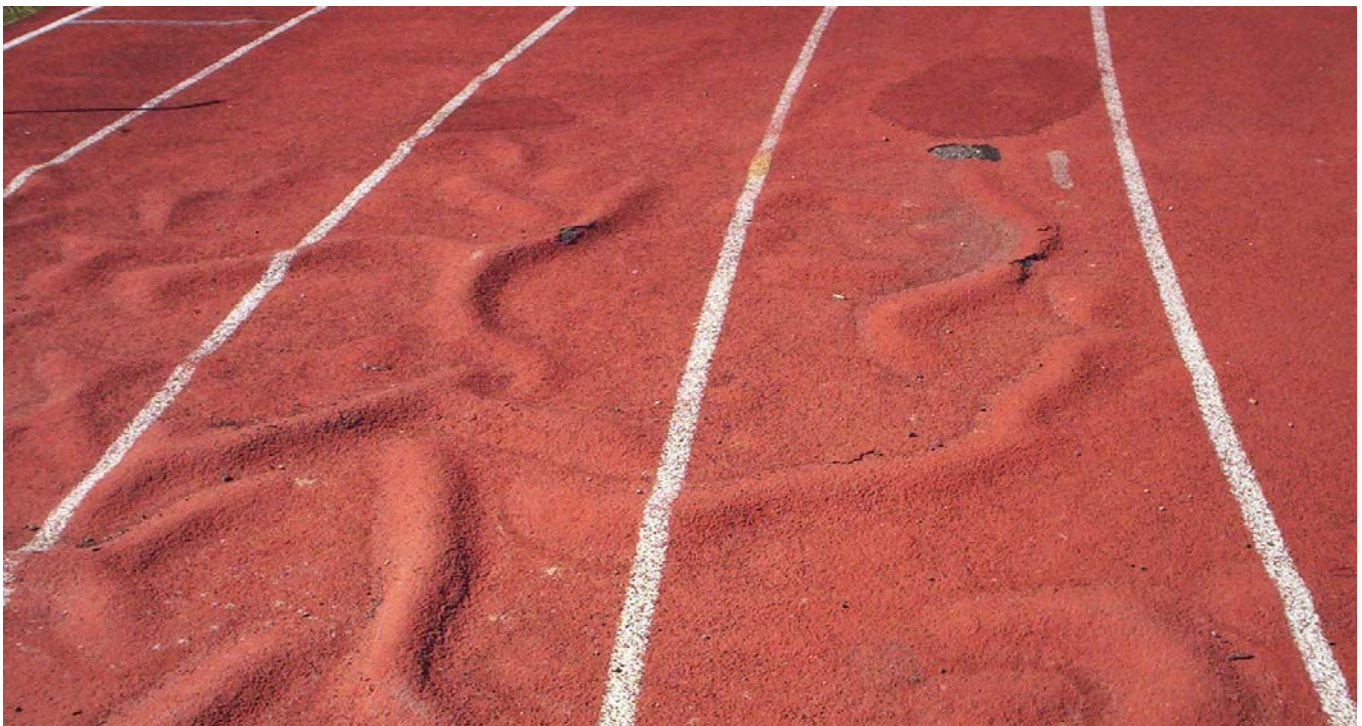
Liability: Soccer Fields are wider than Football Fields, leaving very little room for a catch basin & swale type drain system.



PROBLEMS ASSOCIATED WITH POOR TRACK DRAINAGE



**Poor surface drainage will lead to:
Premature *Delaminating* and
Failure of the Synthetic Track Surface.**

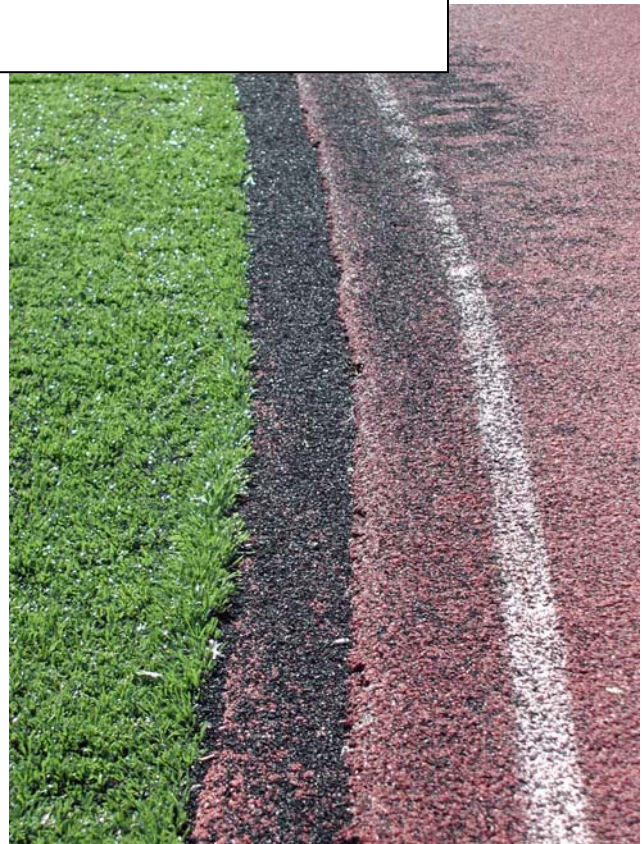


PROBLEMS ASSOCIATED WITH POOR TRACK DRAINAGE



SUB-SURFACE DRAINS ALONE DO NOT DRAIN SUFFICIENTLY.

With this type system there is no separation between the track and the field; ponding water will permit Grass Clippings, Sediment, Rubber Infill, & other Debris to float onto the synthetic track surface.

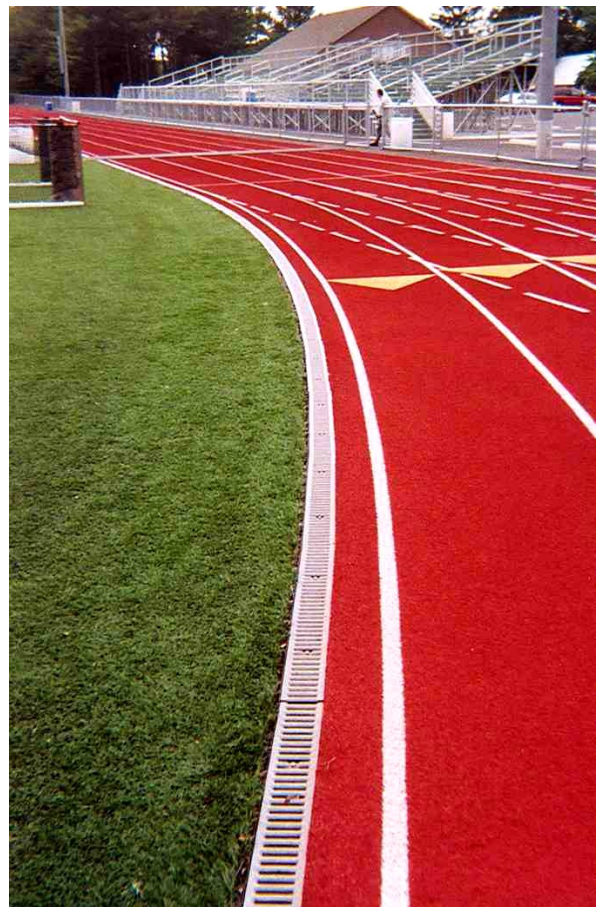


SPORTSEGE® TRACK DRAIN SYSTEM



Perimeter Surface Drain Advantages

1. **Best Possible Drainage**
 - a. **Protects Track Surface**
 - b. **Meets can be resumed shortly after a rain event**
2. **Athlete's Safety**
 - a. **Allows for a Wider Field of Play**
 - b. **Minimizes Liability of Catch Basin Grates Inside the Field of Play.**
3. **SportsEdge Drain & Concrete encasement also serve as an Interior Curb and provide a Buffer between the Field & Track.**
4. **Clean Finished Appearance**





SportsEdge XT Slot
Track Drain System:
Before & After

