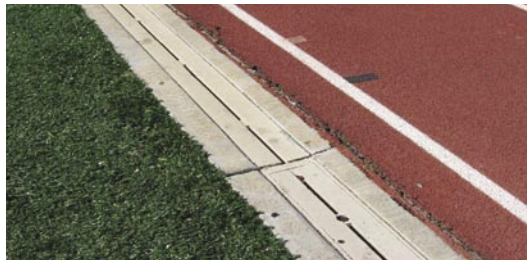
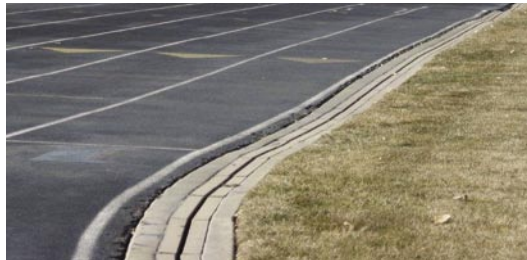


Build your track right...forever with post-tensioned concrete.

The typical running track has an asphalt base under a resilient surface. In many cases settling, heaving, structural cracking and surface delamination due to deterioration of the asphalt require that the synthetic running surface be removed well before the end of its life span. A properly installed and maintained surfacing system can last 25 years or longer whereas, in most cases, the asphalt base requires replacement within 15 to 20 years. When the surface is removed often the underlying base and subbase will not support the necessary equipment due to degradation and/or saturated soil conditions.

There is an answer! With a *post-tensioned concrete* base the running track can be constructed **once** with the addition of synthetic surface as needed. Invest in building your track right—forever.



Problems: Asphalt Base

Unstable soils

- Heaving and settling
- Expensive soil stabilization

Asphalt & subbase failure

- Inability to support surface removal equipment
- Expensive subbase remediation and repaving

Structural cracks

- Requires removal of synthetic surface
- Requires fabric overlay or asphalt replacement

Edge curl

- Crack appears at edge of surface
- Polyurethane surface often pulls back edge of asphalt

Edge deterioration

- Vegetation intrudes into edge of asphalt

Solutions: Post-tensioned Concrete

Spans unstable soils

- Resistant to heaving and settling
- Reduces stabilization requirements

Long term concrete construction

- Will support surface removal equipment
- Never need to repave or open subgrade

Crack resistant

- No possibility of large structural cracks
- No need for overlay or replacement of base

Low maintenance

- Concrete strength prevents edge curl
- Cost and maintenance savings as no curb is needed

Stable concrete edge

- Attractive concrete edge prohibits vegetation intrusion

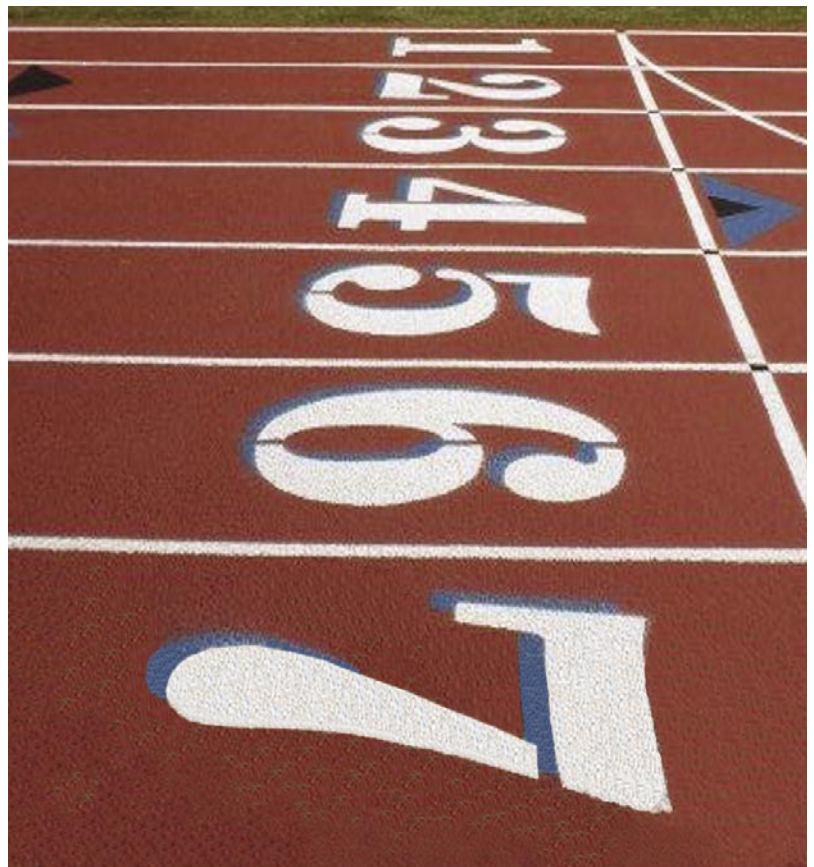


quality • integrity • service



Post-tensioned concrete involves encasing sheathed cables in concrete, then stressing and locking the cables in compression, thus increasing its strength. This method of construction allows for the longevity of concrete without the maintenance issues inherent with the structural joints in standard reinforced concrete construction.

- Ideal for unstable soils
- Increased resistance to settling and/or heaving
- More controlled slope for drainage
- Stable, attractive concrete edge
- Eliminates large structural cracks
- Provides a long-lasting base that can accept multiple synthetic surfaces



Renner Sports Surfaces has over 27 years experience in the design and construction of post-tensioned concrete sports facilities, utilizing installers trained and certified by the Post-Tensioning Institute.



TENNIS COURTS, RUNNING TRACKS, BASKETBALL COURTS, IN-LINE HOCKEY RINKS

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