



Significant cost and time savings achieved with a Tensar geogrid solution.

CLIENT'S CHALLENGE

Due to extensive rain, the subgrade for this track and field site had become extremely soft and threatened to slow down construction progress. The original design consisted of approximately 2" of turf on top of 4" of P210 aggregate and 14" of CA-7 aggregate. Once the soft soils were encountered, the next solution was to undercut an additional 24", and fill with more CA-7 aggregate. Chicago Public Schools needed a different solution that saved time and money.

TENSAR SOLUTION

Tensar offered a solution using a dual layer system of Tensar geogrid and fabric that eliminated the need for a 2 foot undercut at the facility. The optimized geometry of Tensar geogrid provides better interlock and confinement of the fill materials to create a strong, stable surface. This design helped construction wrap up approximately one month sooner and saved \$502,000.



Whitney Young High School Field

Chicago, IL

K.R. Miller Contractors
Contractor

David Mason and Associates
Engineer

Chicago Public Schools
Owner

The Owner saved an estimated \$502,000 and finished one month sooner.

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