

# New Kennison artificial turf system boasts outstanding safety rating

As the District places the final touches on the Kennison Field Renovation Project in preparation for an August 23rd Grand Opening, it is pleased to announce that the new artificial turf installed boasts one of the highest quality and safest playing fields anywhere.

Months of research, on-site visits, and testimonials from players, coaches, and stadium managers, resulted in the District selecting Hellas Construction to install the state-of-the-art Matrix© Turf. The selected product is the same system found in the Dallas Cowboys' Stadium as well as the \$60M Allen Eagle High School Stadium in Allen, Texas (the most comprehensive and expensive high school football complex in America).



The District chose the Matrix© Turf System due to its unwavering safety benefits, durability, and playability. As an added safety and resiliency component to the artificial turf, community donations helped cover the costs of an E-layer pad, which installs underneath the turf product. The pad provides increased field cushion, longer field life, and decreased replacement field costs long term.

To document the outstanding sport field system at Kennison, the District contracted with BioMechanica of Portland, Oregon to perform a comprehensive impact test of the new playing field. Impact testing (commonly referred to as g-max testing) measures the shock-attenuation performance of sports surfaces. The higher the g-max value, the poorer the shock-attenuation performance of the surface. For synthetic surfaces industry standards recommends a g-max value of less than 200. Any field over 200 is considered “too hard” and may result in increased player injury and concussion risk. As reported by BioMechanica, Kennison Field boasted a field average g-max of 101, an ideal result for player safety and playability.