



# Iredell - Statesville Schools

Together, Ensuring **Student Success** by Igniting a **Passion** for Learning

TO: County Commissioners

FROM: Tim Ivey - Chief Technology, Facilities, and Maintenance Officer

DATE: October 3, 2023

SUBJECT: **Update on High School Athletic Stadium Upgrades**

Tim Ivey, Chief Technology, Facilities, and Maintenance Officer will present an update on our High School Stadium Upgrades.

On November 14, 2022, the Board of Education approved the following athletic stadium upgrades:

- NIHS - installation of an 8 lane mondo track, IronTurf infield, and GeoSport Lighting. Cost = \$3,686,625
- SHS - installation of GeoSport Lighting on existing stadium poles. Cost = \$142,800

## **The need for continuing to upgrade our High School Athletic Stadiums:**

- Our current tracks are no longer able to be resurfaced due to the asphalt subsurface giving way underneath the rubber coating. Some tracks pose potential safety issues for students and athletes if not addressed.
- We are spending over \$100K per year, per field in upkeep to maintain grass infields in our stadiums.
- Stadium Lighting also needs to be updated to provide the appropriate lighting for student athletes:
  - SIHS, WIHS - light poles cannot be upgraded due to not meeting the 100mph wind rating.
  - LNHS has updated poles but will need LED light upgrades.

## **Recommending that the district continue to upgrade one high school athletic stadium a year for the next four years:**

- Estimated Cost = 2.5 to 3.7 million per site. Funding Source = combination of lottery and capital funds
  - IronTurf infield (10-year non prorated warranty, yearly grooming service, & 14-year life cycle)
  - Mondo Track Surface (10-year wear layer warranty & 20-year life cycle)
  - GeoSport Lighting - (10-year warranty)
- Recommended rotation Schedule (Based on current track conditions & safety - listed poorest condition to best):
  - WIHS (6 lane track)
  - LNHS (6 lane track)
  - SHS (6 lane track)
  - SIHS (6 lane track)

## **Economic Impact of updating Stadium Facilities:**

- The total estimated positive economic impact generated by each renovation -
  - \$4,994,384 per year (sum total of the dollars spent by people coming into Iredell County spending money at restaurants, hotels, gas stations, etc.)
- Estimated profit from facilities use- \$150,000 per school, per year that would go back into athletics and savings for turf/track resurfacing (6 schools @ \$150,000 per year = \$900,000 per year.)

## **Attachments:**

- 19-year Maintenance Budget Track Surfaces
- ISS Turf-Track Cost Savings Analysis
- Synthetic Turf vs. Natural Grass
- GeoSurfaces Reference List (surrounding counties and areas with turf fields)
- ISS Presentation - Update on High School Athletic Stadium Upgrades

