

Project Approach and Understanding

A Project Opportunities

Playing Fields

Not all turf companies are created equal, and our professionals have been evaluating and specifying athletic playing field turf for the past 18 years. Goals for playing fields include:

- Optimum playing surface to stand up to the countless play hours
- Player safety, performance, and longevity of the playing fields
- Geographical product availability and local climate conditions
- Expectations of the playing surface must be determined to evaluate turf backing and fiber, turf infill, and turf makings and certifications
- Floodplain considerations
- Turf care maintenance



Synthetic Turf cross section & Infill Examples

A1 Lighting

- With top-tier resources & specialized knowledge our team designs systems that are not only highly efficient and reliable but also tailor-made to enhance the athletic experience.
- **Morrissey Engineering** has consistently demonstrated a successful and ongoing partnership with industry-leading sports lighting vendors. This collaboration enables our team to deliver superior lighting solutions for a wide range of sports complexes.



Scoreboard at Buell Stadium

D Accessibility

Traffic

Completing a traffic impact analysis for an athletic complex takes a different and unique approach to modeling and accommodating the hours of operation and the volume of traffic properly. In addition we must be sure to have safe and logical drop-off and pick-up zones for all participants across the entire campus.

Accommodating Traffic Types Include

- Team buses & vans
- Bicycles, e-bikes, & scooters
- Recreational vehicles
- Food trucks

D1 Parking & Circulation

Having enough and in the right location.

- Parking that is strategically located in efficient and convenient areas within an athletic facility holds immense importance in ensuring inclusivity and ease of access for all.

D2 Wayfinding & Visitor Experience

- Effective wayfinding systems ensure that athletes, spectators, and visitors can effortlessly navigate the complex layout of the facility.
- Public safety, screening, and pedestrian barriers
- Fire truck and emergency response

D3 Multimodal Connectivity

Leverage trail connections on the Big Papio Trail providing access to potential connections.

- Tranquility Park is a draw for mountain biking
- Creates opportunities for spectators to explore surrounding amenities
- Contributes to a sense of unity within the community

E Amenities

- Inclusive playgrounds
- Shaded picnic areas
- Natural surface trails with connections to a larger network
- Team gathering and warm-up spaces
- Centrally located concessions and restrooms
- Paved paths and clear wayfinding

B Big Papillion Creek

- Floodplain and floodway considerations 3:1+50 foot buffer yard requirements
- Potential 404 permitting for any new stormwater outfalls
- Creek bank stability review

C Technology

- Live streaming
- Interactive wayfinding
- Tournament & game updates
- Concession & merchandise
- Weather updates



Hudl Sports Camera System

