



PATCH REEF PARK MULTIPURPOSE FIELD RESURFACE Greater Boca Raton Beach & Park District **CASE STUDY**

Research, strategic partnership, and expert analysis guides decision-making.



Challenges

- Budgetary Constraints
- Maintenance Burden
- Environmental Concern
- Field Utilization

Benefit one

Offers long-term cost savings by reducing maintenance expenses, water consumption, and the need for chemical treatments, resulting in lower operational costs over the turf's lifespan.

Benefit two

Provides a durable playing surface that can withstand heavy use and adverse weather conditions, ensuring consistent field availability and improved accessibility for athletes and recreational users.

Benefit three

Mitigate health concerns associated with natural grass fields, such as allergies, exposure to pesticides, and uneven playing surfaces, promoting safer and healthier playing environments for users.

Benefit four

Offers superior playing characteristics, including consistent ball bounce and traction, enhancing the overall quality of play and user experience.

Objectives

The report serves as a guiding resource for decision-makers, offering a thorough cost-benefit analysis regarding the transition from natural grass to artificial turf for sports fields. It encompasses various aspects including initial installation costs, ongoing maintenance expenses, environmental implications, health considerations, and user satisfaction, providing valuable insights to inform strategic decisions.

Solutions

Based on the findings of the cost-benefit analysis, the report recommends the installation of artificial turf as a viable solution for addressing the client's challenges and realizing the associated benefits. The report highlights the potential cost savings, durability, accessibility, health benefits, and improved performance offered by artificial turf, supporting informed decision-making by the commissioners regarding the investment in turf replacement projects.