

How Pleasant Dale Park District prepares for sports events more efficiently with the Turf Tank Robot



Pleasant Dale Park District, IL takes pride in the variety of recreational opportunities it offers its residents. But with weekly maintenance and preparations for special events through the year, manual marking proved to be a labor-intensive, inconsistent and inaccurate process.

Challenge Labor shortage in turf management + time pressure

- lots of fields to maintain: 7 soccer fields, various age groups, from Kinder to 11v11 Pro size fields, 2 softball fields, 2 baseball fields
- hosts numerous tournaments and sports events throughout the year
- too little time to prepare

Solution

2021: Automation of the line marking process

Increased efficiency and productivity

Getting ready for an event

Past

2 people

3 days

Strings & manual measurements

Uneven results

Present

1 person

1 day

Time saved for other maintenance tasks

GPS technology for maximum precision every time!

More flexibility & opportunities

- Easy to switch the field layout and fit the tournament's format
- Copy + paste function to create an entire grid of fields in just a few minutes
- Robot-created custom field logos and messages for special events



"The robot could be going out and doing its thing. And we could be doing the little things that make our park look best."

- Tony Cavazos, Superintendent of Parks and Facilities