

Department: Community Services

Business Unit: Parks, Recreation & Culture

Presented/

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Report Number:
PR2025-02

Meeting Date:
4/24/2025

Subject

Acquisition of Robotic Line Painting Device for Parks

Recommendation

That report number PR2025-02 “Acquisition of Robotic Line Painting Device for Parks” be received for information;

And that Council authorizes staff to allocate \$45,000 from the Barbour Field Reserve Fund to fund the acquisition of the proposed line painting device.

Background

The purpose of this report is to inform Council about the proposal to purchase a robotic line painting device for sports fields, aiming to enhance the efficiency and professionalism of our field maintenance operations.

The traditional process of line painting on Town soccer and baseball fields is labour-intensive and requires a minimum of two staff members. This includes measuring and stringing the fields manually to ensure proper alignment of the lines. Despite their efforts, there have been complaints about inconsistent line accuracy and aesthetic appearance.

To address these challenges, we plan to invest in a semi-automatic robotic line painting device. This technology utilizes GPS solutions to simplify and automate the process, ensuring precise line painting with an accuracy of within 1 inch.

Discussion

Device Features

- GPS technology allows single-person operation, eliminating the need for string layouts and reducing labour.
- Digital design capabilities enable proactive management and planning of field layouts, maintaining uniformity across multiple fields.
- Flexibility to modify field lines without on-field presence increases operational efficiency.

Operational Impact

- With seven soccer fields and two baseball diamonds at Barbour Field and additional baseball diamonds at Victoria Park and Ballinafad, efficient line painting is crucial. The device can be easily transported to various locations.
- The Town has expanded responsibilities, including increased maintenance of green spaces and planters, necessitating optimized staff resource allocation.

Strategic Pillar

Investment in Community Assets

Financial Impact

Total acquisition cost before HST is \$45,000. Funding will be allocated as follows from the Barbour Field Reserve Fund:

- \$30,000 carried forward from the 2022 Capital Budget.
- \$15,000 from unallocated Barbour Field Reserves.

Staff note that the Barbour Field Reserve Fund 2025 opening balance is \$124,188.

Conclusion

The robotic line painting device represents a strategic investment in our community services, enhancing field quality, customer satisfaction, and staff productivity. We are confident that this addition will bring significant improvements in our operational efficiency and professionalism within our parks.

Attachments

None.

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Director of Community Services

Rob Adams

Chief Administrative Officer