

AGENDA ITEM NO: 7.4

MEETING DATE: August 6, 2024

STAFF REPORT – COVER SHEET

SUBJECT: Exhibition Field Synthetic Turf Replacement DATE: July 18, 2024

DEPARTMENT: Public Works and Parks Department PREPARED BY: Joe Koczur

1. SUMMARY OF ISSUE:

The synthetic turf surface at Exhibition Field has reached the end of its lifespan, exhibiting signs of wear and tear that compromise player safety and field usability. The completion of a G-Max test has verified the need for replacement. This artificial turf field was built in 2009 and scheduled to be replaced in 2025

2. RECOMMENDATION:

Recommendation that Council approve the replacement of the synthetic turf surface at the Exhibition Field, located at 45323 Hodgins Avenue; part removal and replacement in 2024, to allow for needed space to construct the new Pickleball facility, and the full turf replacement in spring of 2025.

Recommendation that Council approve the procurement group, Canoe, and the preferred company, Astro Turf (Contract: 031022-AST), for an estimate of \$1.05 million, for both phases of the synthetic turf replacement for property located at 45323 Hodgins Avenue, for the years 2024 and 2025; and further, that the Mayor and Corporate Officer be authorized to sign any necessary documentation.



Joe Koczur, Director of Public Works and Parks

3. FINANCE COMMENTS:

Funding is allocated within the 2024 and 2025 Financial Plan for this project.



Glen Savard, Director of Finance

4. CHIEF ADMINISTRATIVE OFFICER'S RECOMMENDATION/COMMENTS:

Supports recommendation.



David Blain, CAO

**STAFF REPORT ON
EXHIBITION FIELD SYNTHETIC TURF REPLACEMENT**

PREPARED BY: Richard Fortin DATE: July 18, 2024
POSITION: Parks Planning Manager DEPARTMENT: Public Works and Parks Department

1. DEFINITION OF ISSUE:

The replacement of the existing synthetic turf surface at Exhibition Field, to maintain functionality and safety standards for recreational use.

The proposed scope of work includes the removal and recycling of the current synthetic turf and rubber infill. The testing of the existing shock padding with replacement, where necessary, and the inspection of field lateral lines.

2. FACTORS:

- 2.1 The current synthetic turf surface has reached the end of its lifespan, exhibiting signs of wear and tear that compromise player safety and field usability. The completion of a G-Max test has verified the need for replacement.
- 2.2 This will be a two phased project. The Chilliwack Pickleball facility footprint requires a 7m wide section of the north end of the field to be removed. In 2024 changes will be made to the field in the amount of \$118,000. In 2025, the artificial turf will be replaced in the amount of \$936,000.
- 2.3 The City will save approximately \$70,000 - \$90,000 by securing 2024 pricing for this project.
- 2.4 Stakeholder input, consultant recommendations, and a life cycle cost analysis have been considered in the decision-making process.

3. RECOMMENDATION AND SUBSTANTIATION:

Recommendation:

Recommendation that Council approve the replacement of the synthetic turf surface at the Exhibition Field, located at 45323 Hodgins Avenue; part removal and replacement in 2024, to allow for needed space to construct the new Pickleball facility, and the full turf replacement in spring of 2025.

Recommendation that Council approve the procurement group, Canoe, and the preferred company, Astro Turf (Contract: 031022-AST), for an estimate of \$1.05 million, for both phases of the synthetic turf replacement for property located at 45323 Hodgins Avenue, for the years 2024 and 2025; and further, that the Mayor and Corporate Officer be authorized to sign any necessary documentation.

Substantiation:

The decision to replace the synthetic turf is grounded in stakeholder input, expert recommendations, and a thorough analysis of safety and cost-effectiveness considerations. The scope of work addresses the necessary steps to achieve a high-quality, durable playing surface that aligns with industry standards and best practices.



AstroTurf West Distributors Ltd.
838 West 27th Avenue Vancouver BC Canada V5Z 2G7
P: 604.277.0900 F: 604.277.4934
www.astroturfcanada.com

Date: 2024-06-28
To: Richard Fortin
Project: Exhibition Field Replacement and Civil Work
Subject: Financial Proposal / Quotation – 30-day validity

Please find the following separate prices for components of the project
The figures are based on the new size 167m x 70m with football, and soccer / mini soccer line packages.
AstroTurf products come with an 8-year warranty covering defect and installation craftsmanship.

Turf

- AstroTurf GT-Q 64mm Turf System including: (2025)
- Removal of existing surface
- Capture and Re-use of infill
- Supply and installation of AstroTurf GTQ 64mm
- Pre-Shipment, Gmax and Non-Confined Testing

Total: \$936,000

Civil Works

- Infiltration Testing (2025) \$3,000
- Flush and Video Drains (2025) \$7,000
- Turf Removal + Disposal 7 x 70 turf with Infill \$18,000
- Remove Fence 70m North + 7 M east and west
- Salvage mesh and Gates
- Excavate for new concrete curb
- Form Pour and Finish Curb with nailer strip
- Supply and Instal new fence posts. North Side Posts installed in New Curb
- East and West Bolted on existing Curb. Reinstall Gates and Mesh
- Roll back turf and re-attach to curb after installation \$118,000

PST Included GTS Extra

Benjamin Houta
AstroTurf West Distributors Ltd.