



KILLARNEY PARK TRACK AND FIELD UPGRADES Concept Plan

Board Committee Meeting
Monday, November 27, 2023

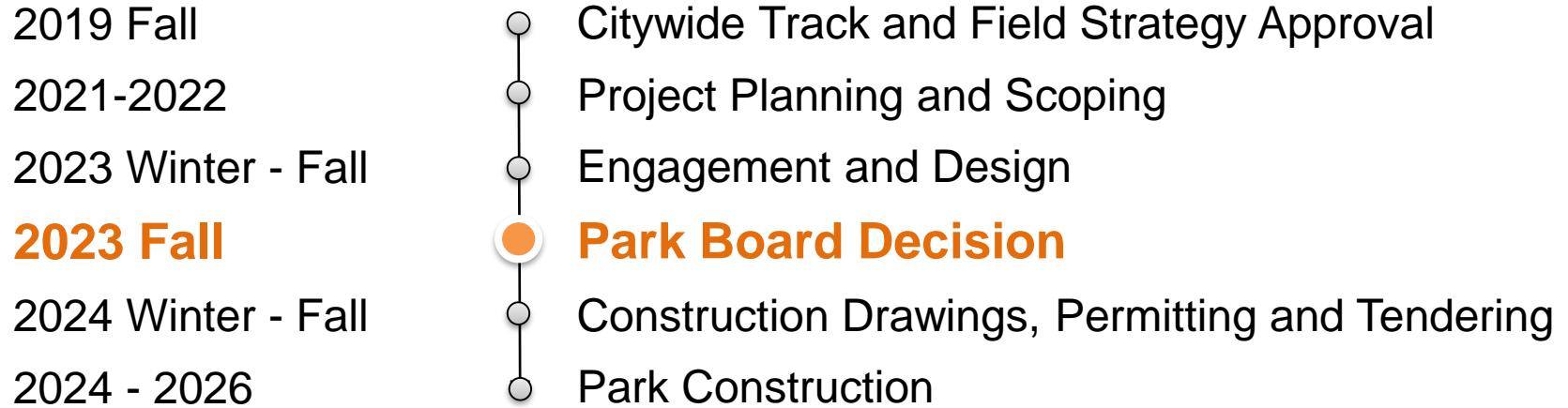


- The purpose of the presentation is to:
 - Provide background information on the design and engagement processes for the project
 - Review advantages and disadvantages of natural grass and synthetic turf infield materials
 - Seek a Board decision to enable staff to progress to the detailed design stage

THAT the Vancouver Park Board approve the proposed concept plan for the Killarney Park Track and Field Upgrades and direct staff to proceed with (insert wording of OPTION A or B) in the approved design:

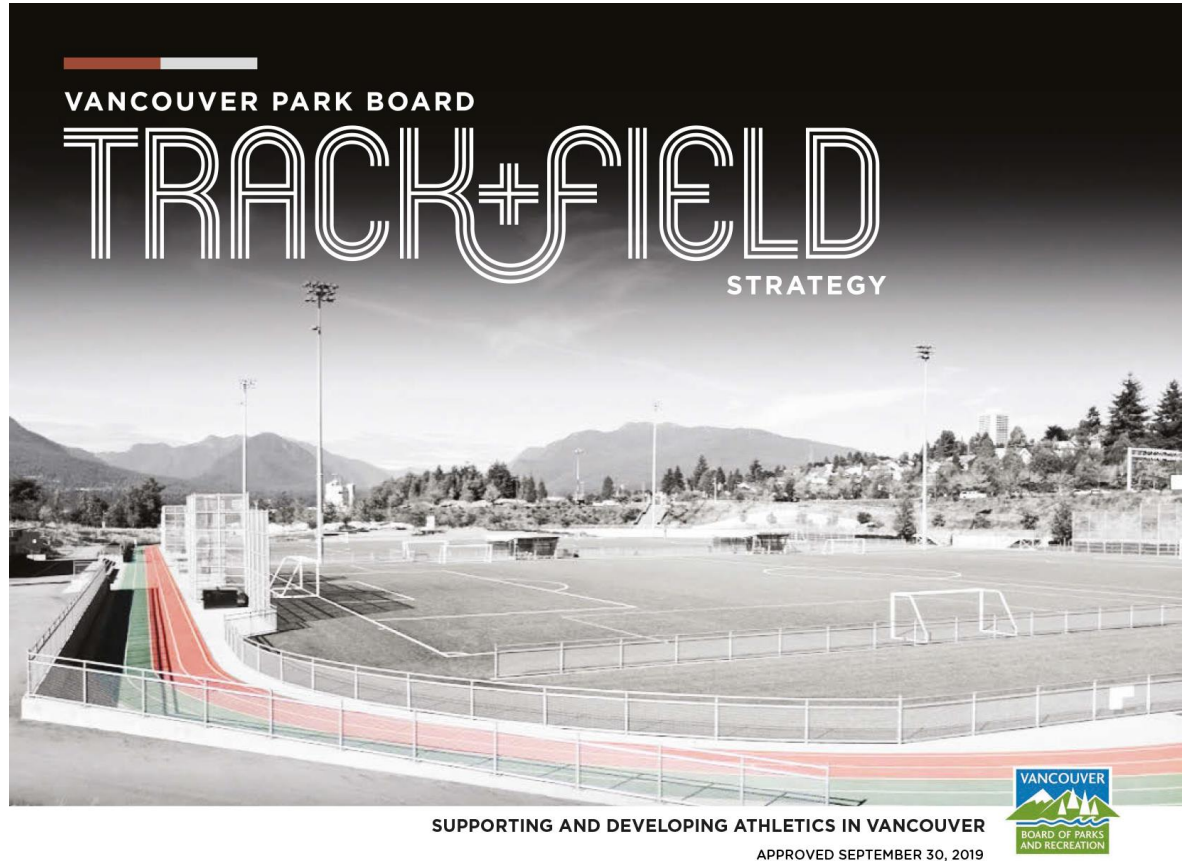
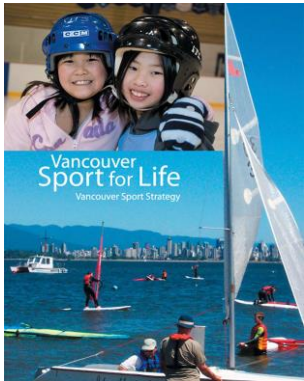
OPTION A: Infield Material – Natural Grass

OPTION B: Infield Material – Synthetic Turf



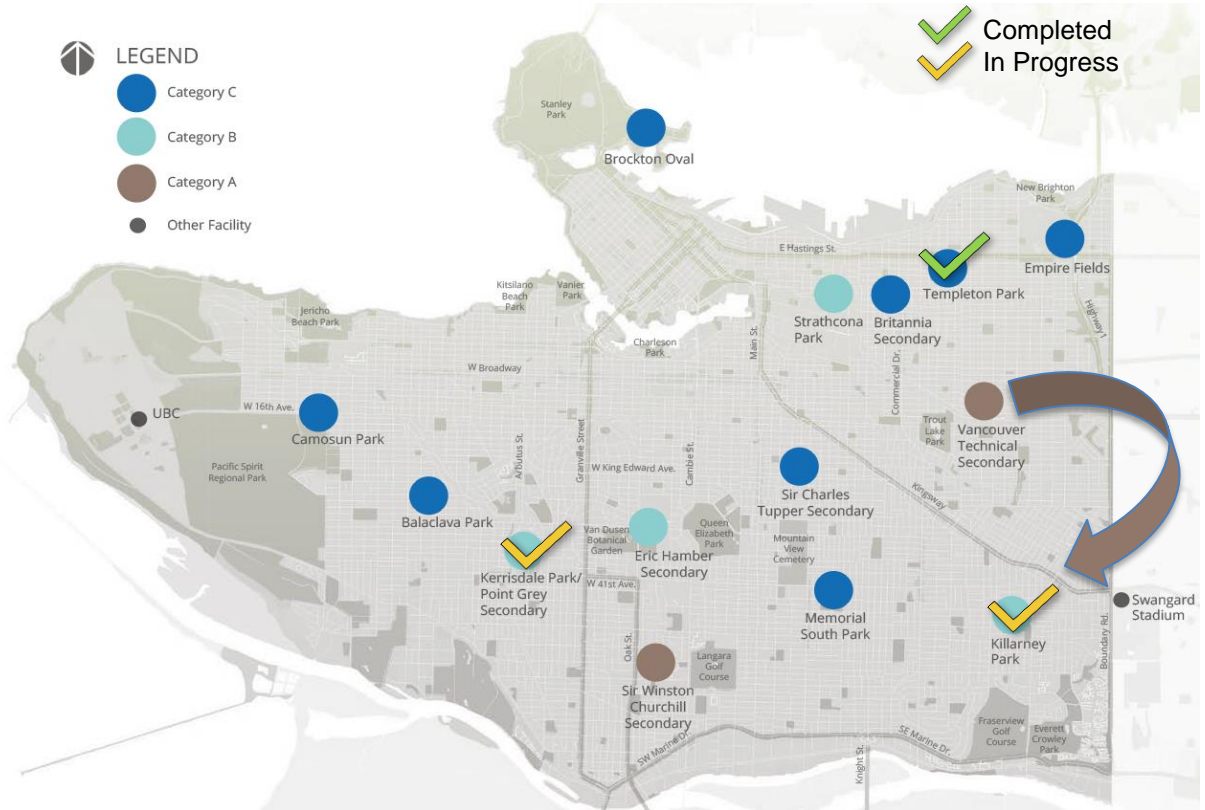
Project Background





Background – Track and Field Strategy

- Strategy indicates that Vancouver's track and field facilities are well utilized by a diverse cross section of the population
- Phase I implementation for a Category 'A' Facility
- Currently no 8-lane tracks nor regulation amenities for throw sports in Vancouver



*Target classifications for Vancouver's track and field facilities per Track and Field Strategy

Background – Location Shift

- Killarney Park identified as most appropriate location to deliver new track and field amenities in the short-term
- Existing support facilities include, community and seniors centre, secondary school and parking
- Currently one of the most utilized tracks in the city - mainly for recreational use



Discussion

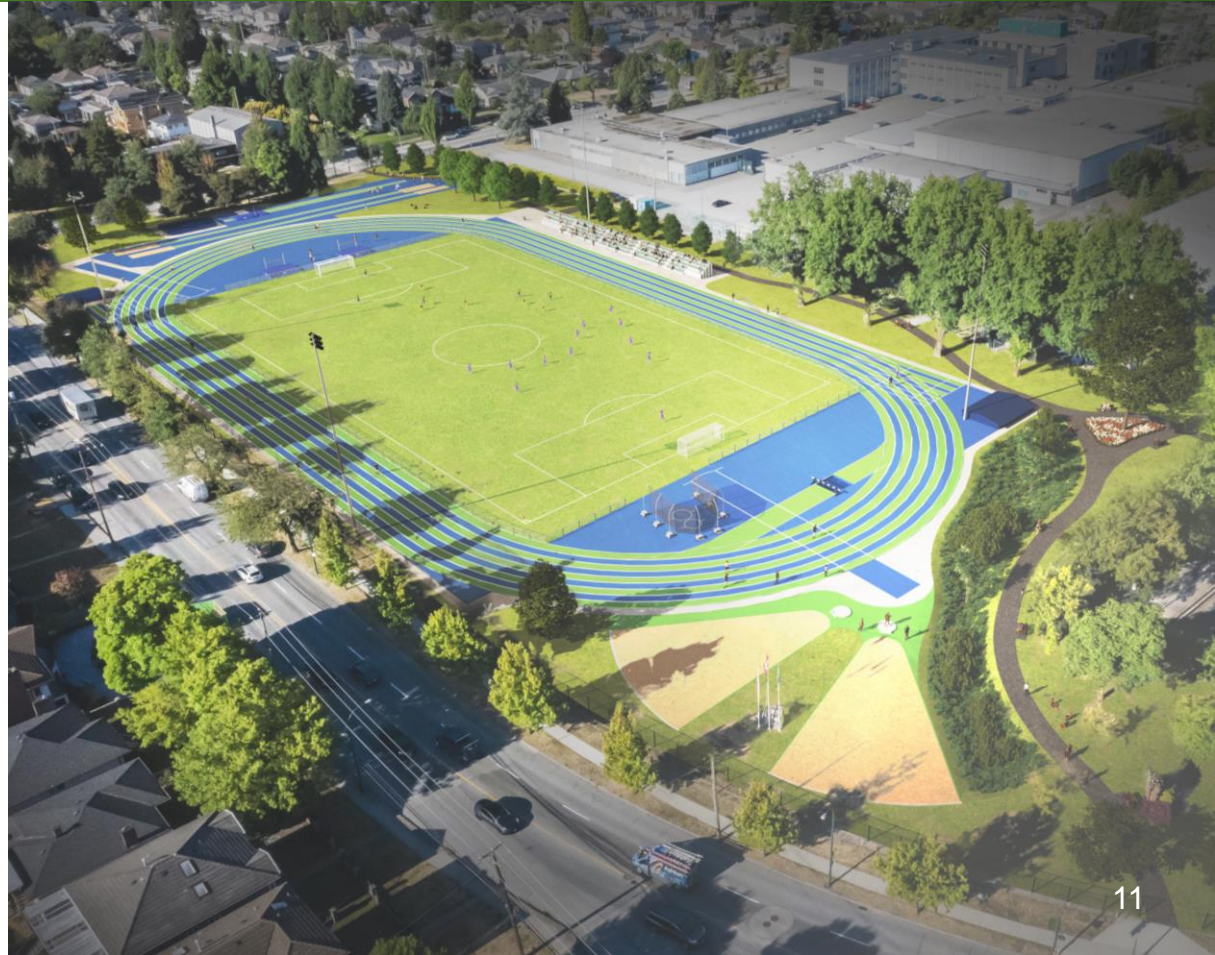


Discussion – Proposed Concept

- LEGEND**
- ① PROPERTY LINE
 - ② EXISTING ROOT BARRIER
 - ③ EXISTING LAWN
 - ④ RAIN GARDEN
 - ⑤ NEW ASPHALT WALKWAY
 - ⑥ NEW CONCRETE WALKWAY
 - ⑦ EXISTING BENCH AND PLANTING
 - ⑧ BENCHES ON NEW CONCRETE PADS
 - ⑨ LIGHT POLE
 - ⑩ PROPOSED TREE
 - ⑪ EXISTING TREE
 - ⑫ TRANSPLANTED EXISTING TREE
 - ⑬ EXISTING CONCRETE WADING POOL
 - ⑭ EXISTING PLAYGROUND
 - ⑮ BLEACHER
 - ⑯ ATHLETIC FIELD
 - ⑰ 8-LANE RUBBERIZED TRACK
 - ⑱ POLE VAULT
 - ⑲ LONG JUMP/TRIPLE JUMP
 - ⑳ HIGH JUMP
 - ㉑ JAVELIN
 - ㉒ HAMMER/DISCUS CAGE
 - ㉓ SHOT PUT
 - ㉔ HURDLE STORAGE
 - ㉕ ROLLING POLE VAULT SHED
 - ㉖ ROLLING HIGH JUMP SHED
 - ㉗ SCREENING TO STORAGE AREAS
 - ㉘ SERVICE VEHICLE ACCESS DRIVE



- Vancouver's first purpose-built track and field venue to include a regulation 8-lane running track
- Improves training and recreational opportunities, better serves population growth, provides equitable access and promotes participation in physical activity



- Strategy included 3 rounds of citywide engagement
- Project specific engagement with key stakeholder groups through 2023
- Public info session held at Killarney Community Centre September 9th, 2023
- Overall feedback very positive with track and field users advocating strongly for natural grass



Discussion - Alternative Onsite Locations For Throwing Amenities

- Location 1: significant reduction in off-leash area
- Location 2: removal of baseball diamond and impacts potential future park development
- Either location would require further engagement and additional funding
- Other impacts to training/competitions and spectator viewing



Discussion – Considerations for Infield Material Selection

Considerations	Natural Grass	Synthetic Turf
Facility Use Suitability	<ul style="list-style-type: none"> • Multi-sport suitability including throws • Can achieve World Athletics certification and potential designation as Category 'A' facility (per Track and Field Strategy) • Consolidated amenities improves coaching/training, viewing and equity 	<ul style="list-style-type: none"> • Multi-sport suitability excluding throws • Cannot achieve certification or designation as Category 'A' facility without throws area nearby (additional costs tbd)
Permitted Field Use	<ul style="list-style-type: none"> • ~600 hours per year • Level of use limited by weather and maintenance 	<ul style="list-style-type: none"> • ~3,000 hours of prime-time hours per year • Level of use relatively unrestricted and suitable year round
Construction Costs	<ul style="list-style-type: none"> • Benchmark 	<ul style="list-style-type: none"> • ~\$500,000 higher than natural grass
Annual Maintenance Cost	<ul style="list-style-type: none"> • Estimated as roughly equivalent 	<ul style="list-style-type: none"> • Estimated as roughly equivalent • Higher recoverability of maintenance costs due to increased ability to program/permit
Lifecycle	<ul style="list-style-type: none"> • Field infrastructure: ~30 yrs. • Grass surface (root zone): ~30 yrs. 	<ul style="list-style-type: none"> • Field infrastructure: ~30 yrs. • Turf, infill: ~10 - 12 yrs.

- 15-year strategy to guide maintenance, management and development of Vancouver's Sports Fields
- Killarney identified as potential candidate to convert its existing gravel field to synthetic turf and become a hub site
- Hub sites can be either Class 'A' natural grass or synthetic turf



The screenshot shows a page from the 'Vancouver Sport Field Strategy' document. At the top left is the 'Sport Field Strategy' logo, and at the top right is the text 'Vancouver Sport Field Strategy'. The main heading is '12 THE "BIG MOVES"', where '12' is in a green box. Below this, it says 'THERE ARE FIVE "BIG MOVES":' followed by a numbered list of five items: 1. Renew existing synthetic turf fields, 2. Convert select all weather (gravel) fields to synthetic turf fields, 3. Create hub sites, 4. Establish dedicated ball diamond and rectangular field parks, and 5. Establish sport-specific priority fields. At the bottom of the page is a photograph of a green sports field with people playing, a building in the background, and snow-capped mountains under a blue sky.

- To be funded by the 2019-2022 and 2023-2026 Capital Plans
- The anticipated total project costs are:
 - OPTION A: Infield Material - Natural Grass - **\$14.1M**
 - OPTION B: Infield Material - Synthetic Turf - **\$14.6M**
- Currently \$11.6M dedicated to the project. Remaining funding requires reallocation from within existing capital budgets
- The operating budget is estimated at \$250,000 per year and would be requested as part of the annual operating budget process

Next Steps



- Detailed design, permitting and cost refinement
- Tendering and construction award
- Park construction Late 2024 – Q2 2026

THAT the Vancouver Park Board approve the proposed concept plan for the Killarney Park Track and Field Upgrades and direct staff to proceed with Infield Material – Natural Grass in the approved design.

Questions



