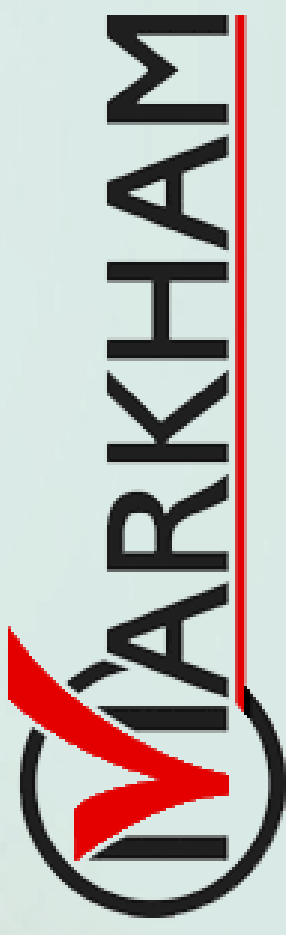


# Implementation of Markham's New Sports Park



# “Playbook” for Moving Forward

- Preparing the Strategy for Implementation
- Determining the Processes for Planning, Approvals, Design and Construction
- Assessing the Feasibility of the Project – Critical Factors
- Scoping the Tasks
- Identifying Timelines
- Estimating Costs



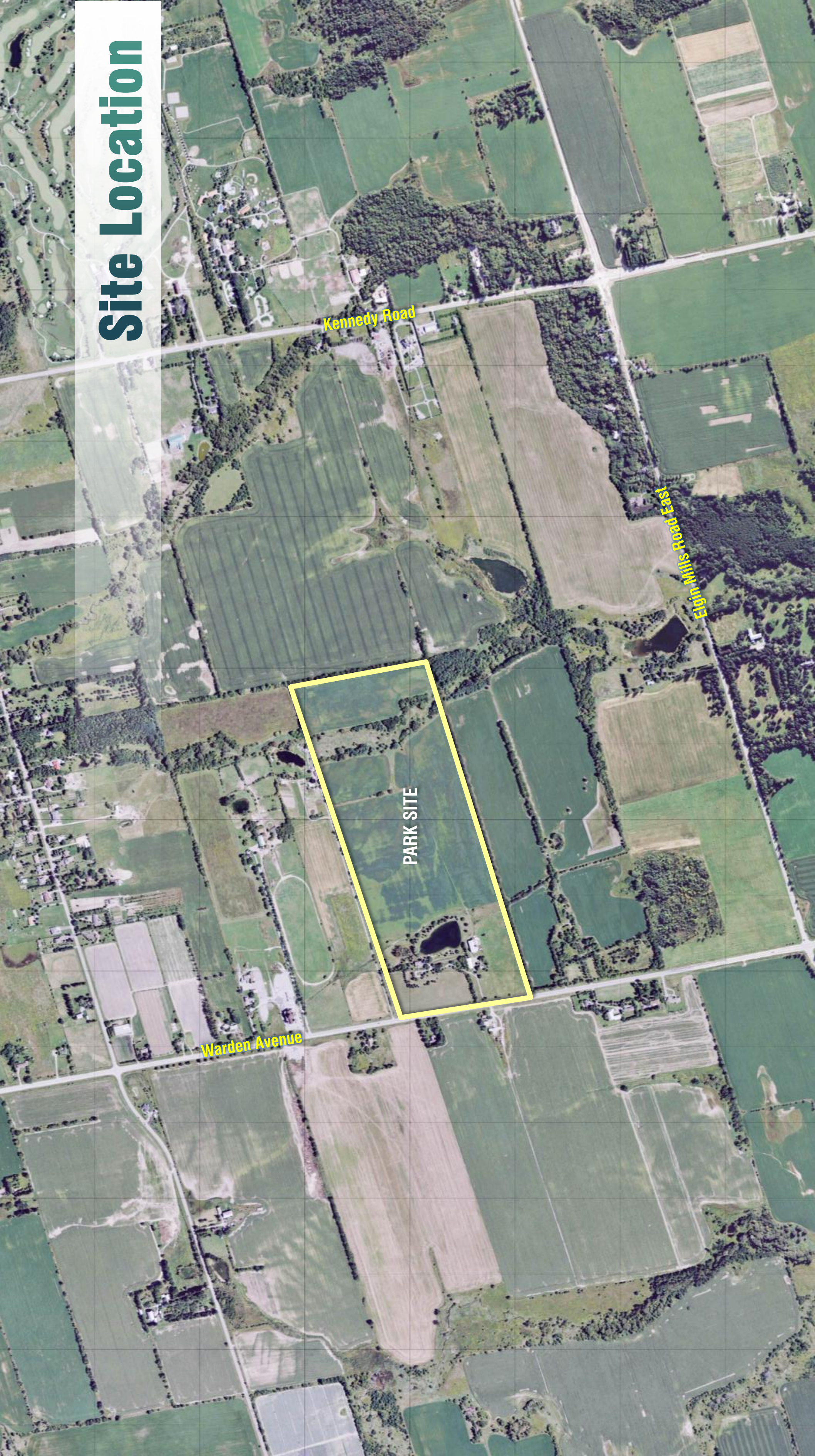


# Outcomes

- “Playbook” for Navigating the Process
- Schedule and Task List
- High Level Budget Estimates for Planning and Construction



# Site Location



Kennedy Road

Elgin Mills Road East

PARK SITE

Warden Avenue

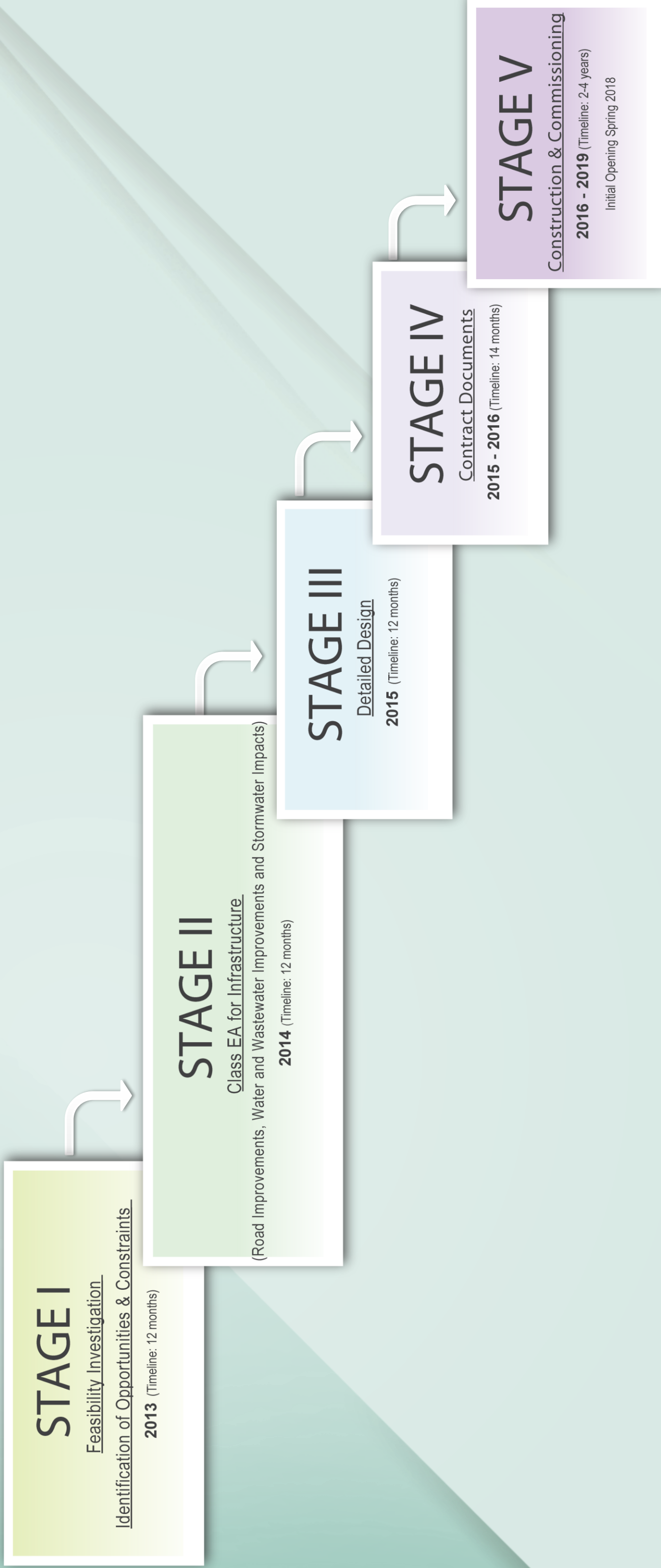


**POSSIBLE USES:**

- Soccer
- Baseball
- Softball
- Rugby
- Cricket
- Tennis
- Basketball
- Football
- Parcours (fitness)
- Trails
- Picnic
- BMX
- Disc Golf
- Field Hockey

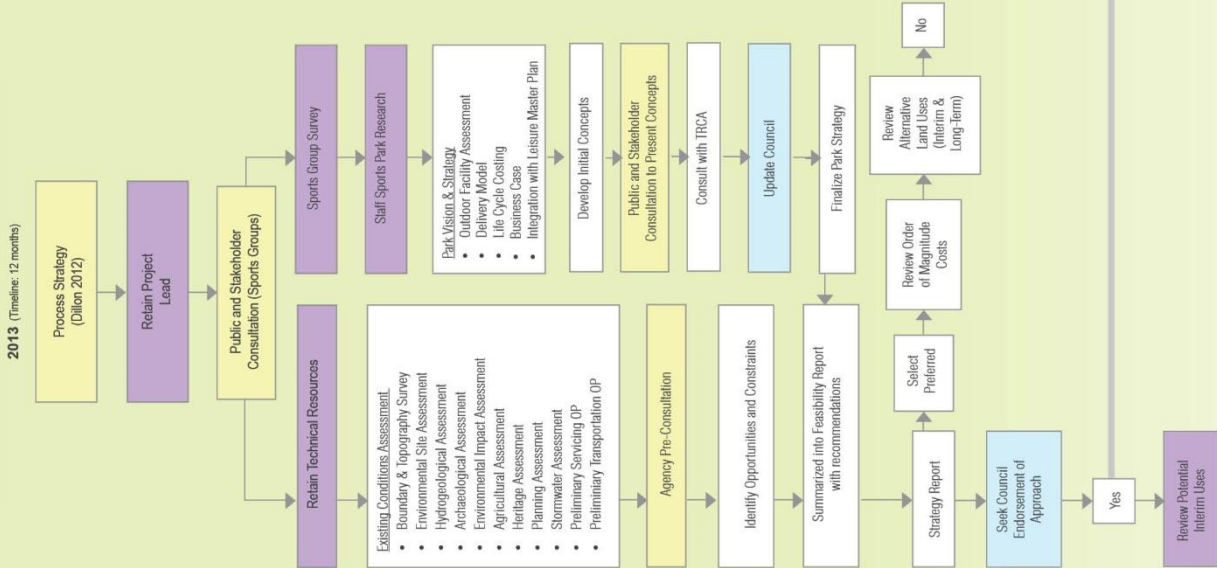


# Markham Sports Park Planning Process





STAGE I  
Feasibility Investigation  
Identification of Opportunities & Constraints



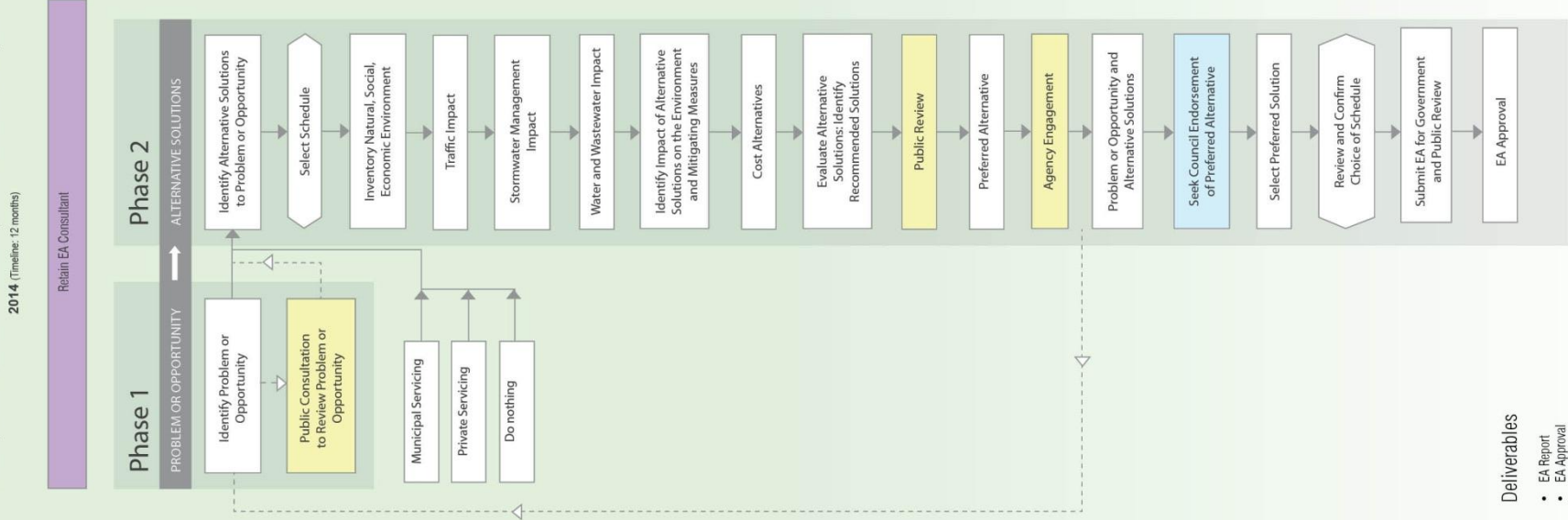
Deliverables

- Strategic Report comprised of:
  - Environmental Site Assessment
  - Hydrogeological Assessment
  - Stage I Archaeological Assessment
  - Environmental Impact Assessment
  - Agricultural Assessment
  - Planning Assessment
  - Stormwater Assessment
  - Preliminary Servicing Assessment
  - Preliminary Transportation Assessment
  - Sports Group Assessment
- Park Concept
- Order of Magnitude Cost Estimate
- Life Cycle Costing
- Delivery Model
- Business Case

Assumptions

- Assessments assume that site will be fully serviced
- Assumptions are based on the conceptual plan provided by the City of Markham
- No Official Plan Amendment is required
- Park will serve Markham only, therefore traffic from north of the site will not be investigated
- Operational capacity of the Park is approximately 300 people
- Evaluate Low Intensity Interim Uses

STAGE II  
Class EA for Infrastructure  
(Road Improvements, Water and Wastewater Improvements and Stormwater Impacts)



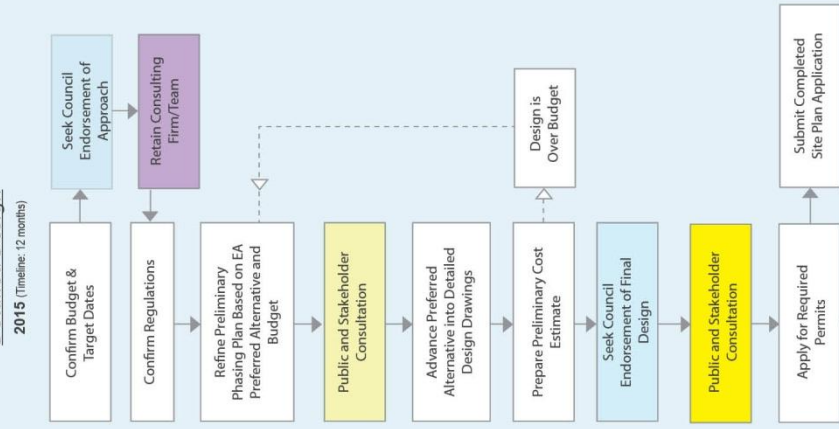
Deliverables

- EA Report
- EA Approval

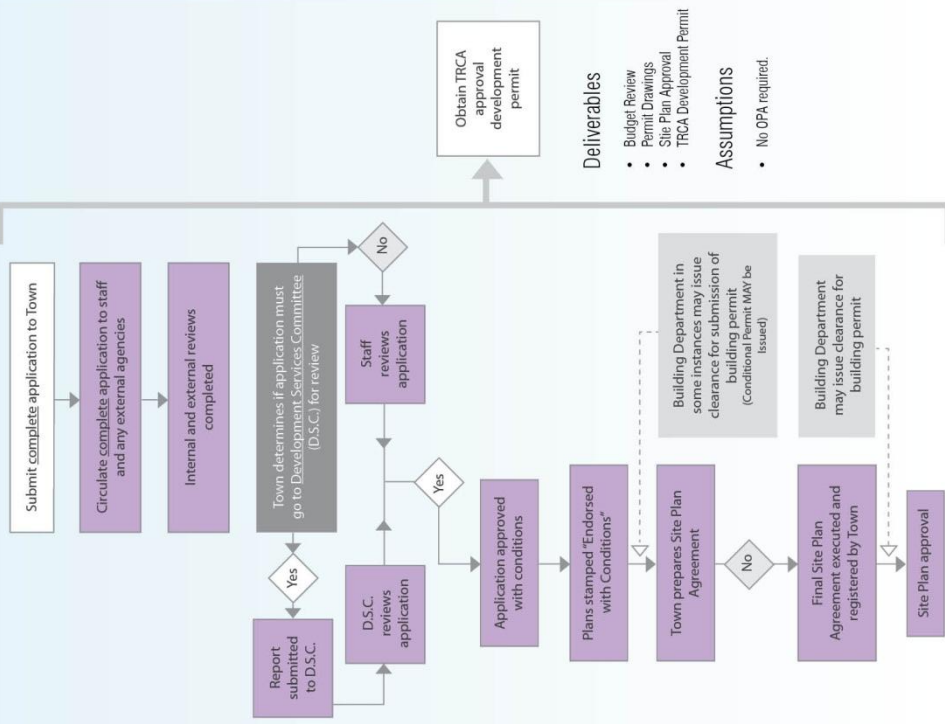
Assumptions

- Class EA for servicing only.

STAGE III  
Detailed Design

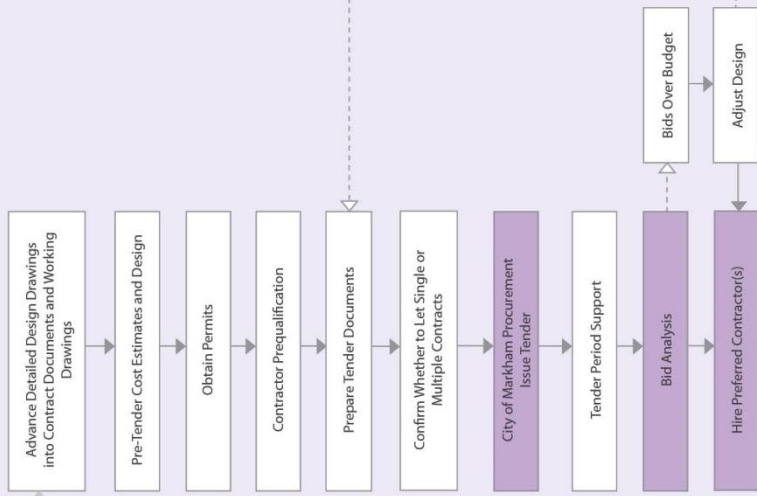


Expedited Site Plan Approval Process for Buildings and Structures



STAGE IV  
Contract Documents

2015 - 2016 (Timeline: 14 months)



Deliverables

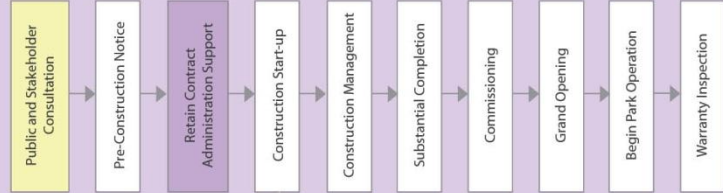
- Construction Ready Documents
- Tender

Assumptions

- Multiple Tenders will be required

STAGE V  
Construction & Commissioning

2017 - 2019 (Timeline: 2-4 years)  
Initial Opening Spring 2018



Public Consultation

Council Interaction

City of Markham Task

MARKHAM SPORTS PARK  
PLANNING PROCESS

APRIL 2013

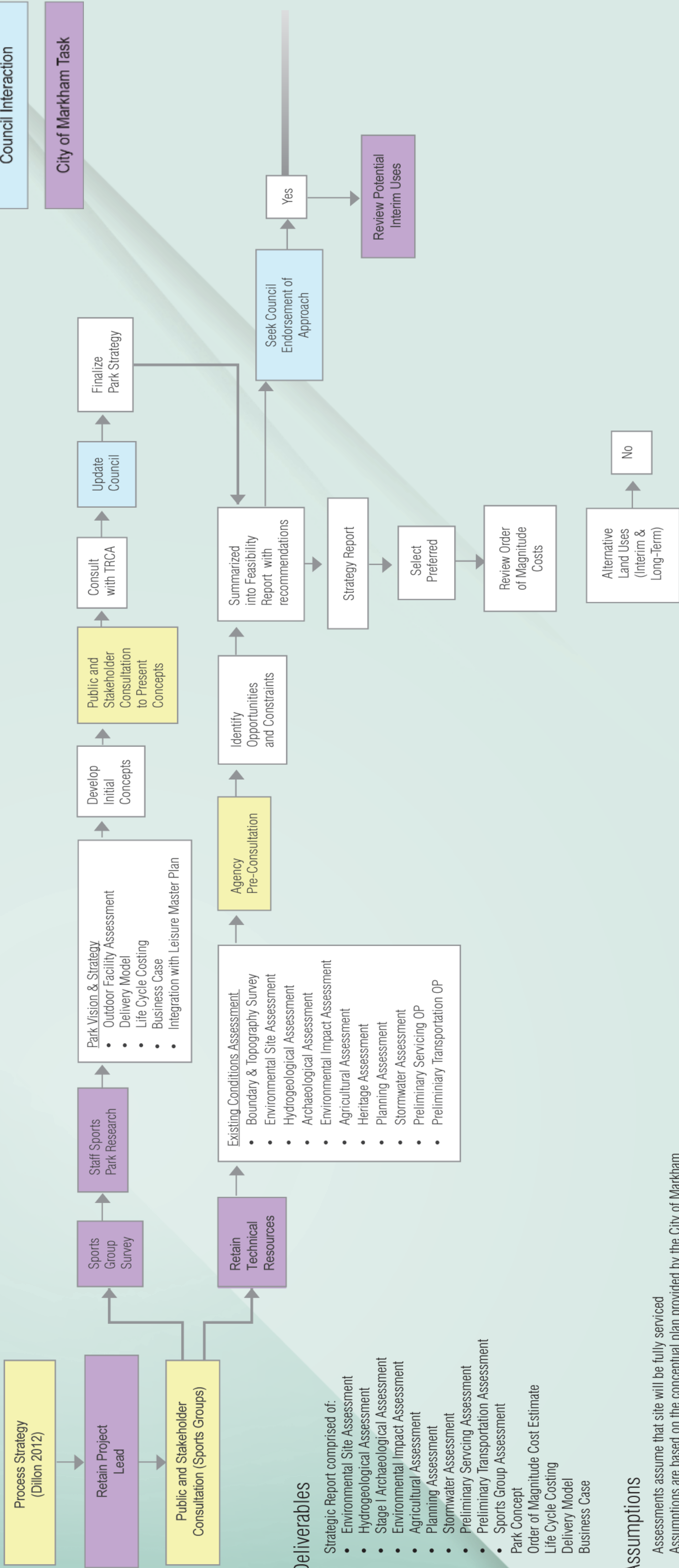




# STAGE I

## Feasibility Investigation Identification of Opportunities & Constraints

2013 (Timeline: 12 months)





STAGE II

Class EA for Infrastructure  
(Road Improvements, Water and Wastewater Improvements and Stormwater Impacts)

2014 (Timeline: 12 months)

Retain EA Consultant

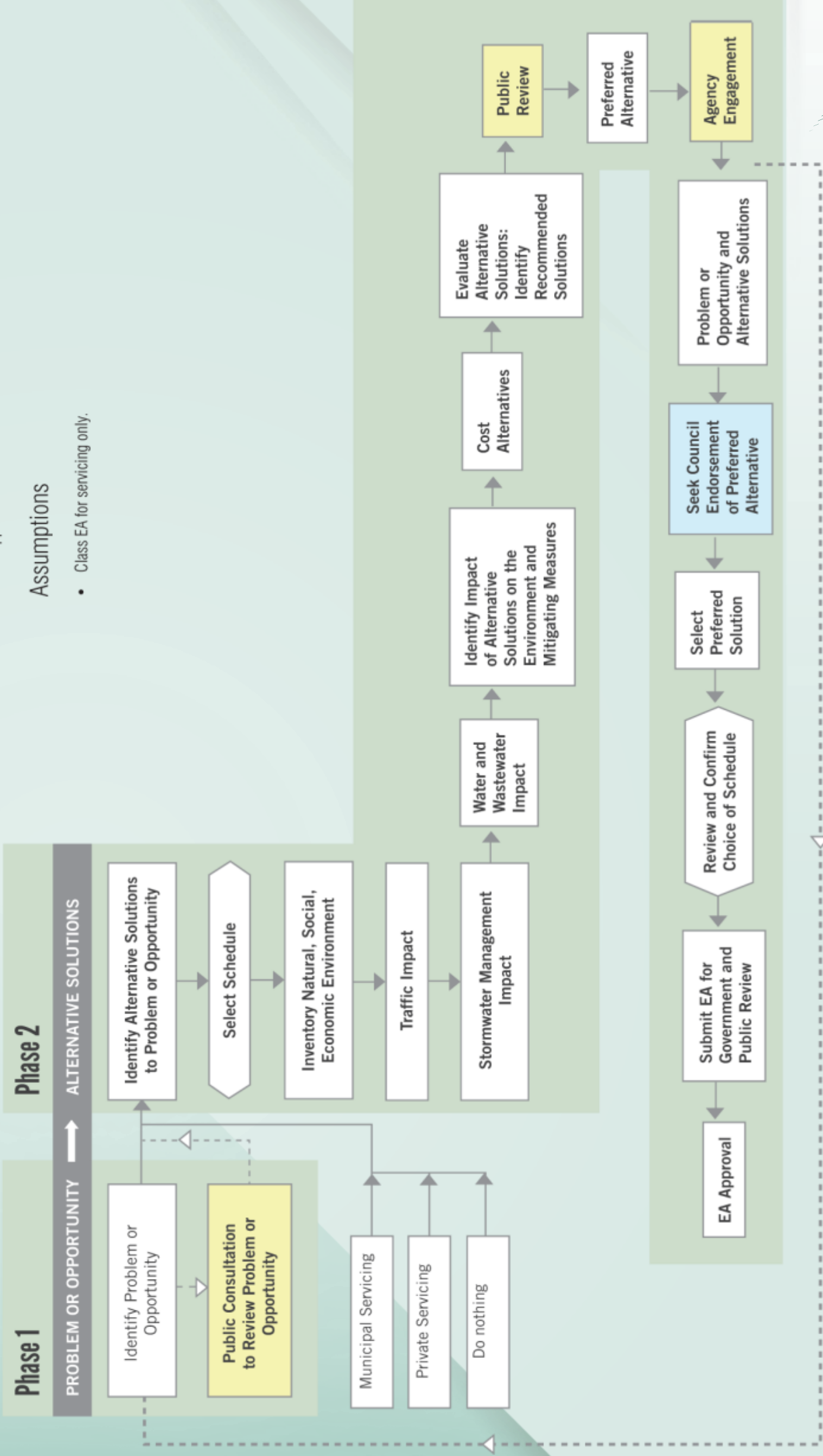
- Public Consultation
- Council Interaction
- City of Markham Task

Deliverables

- EA Report
- EA Approval

Assumptions

- Class EA for servicing only.

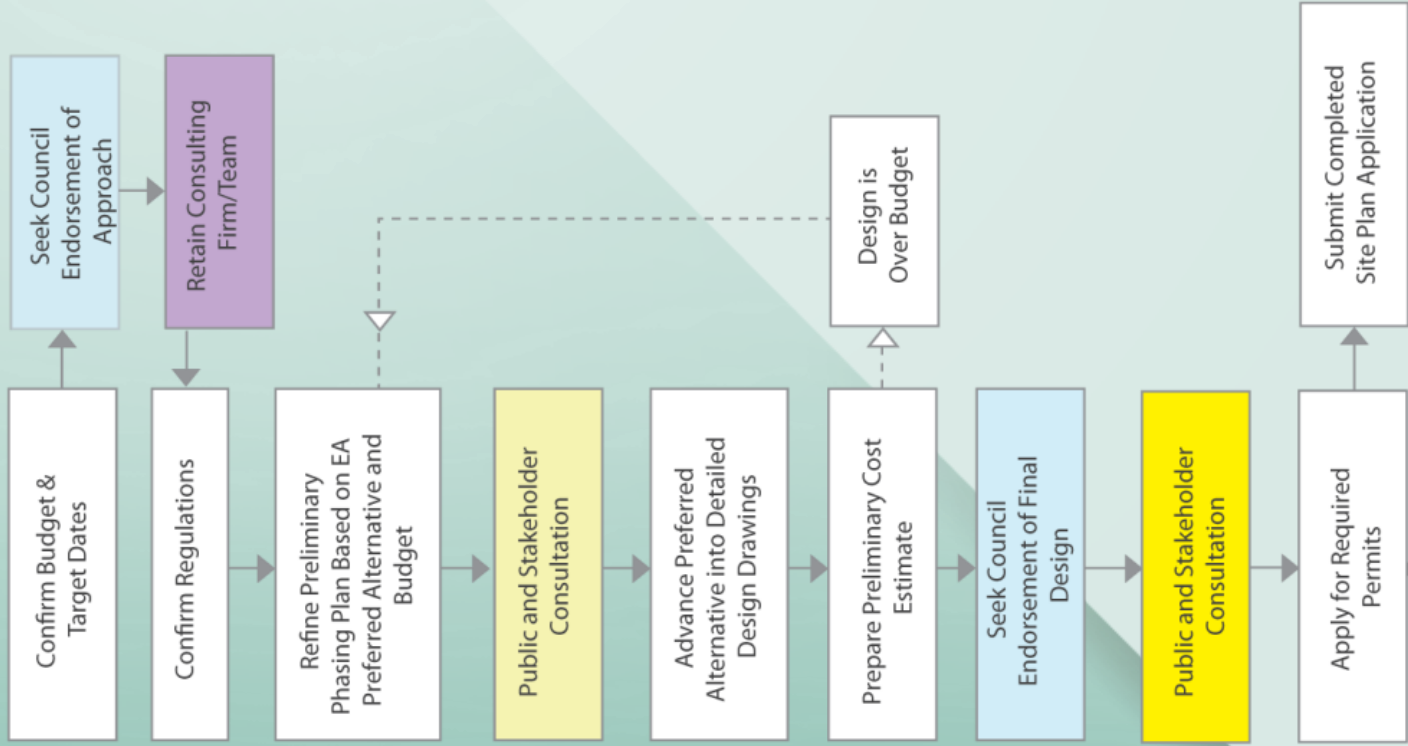




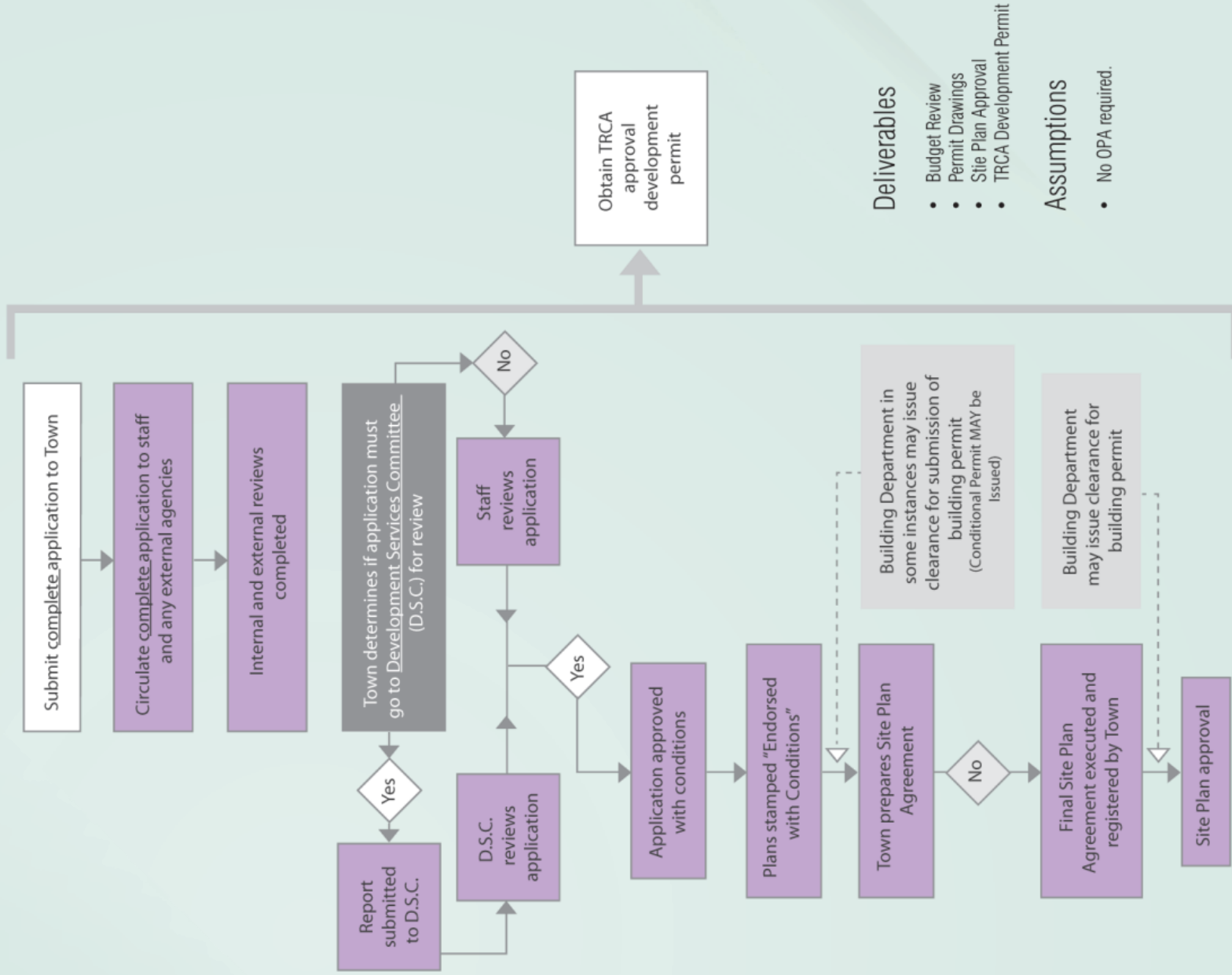
# STAGE III

## Detailed Design

2015 (Timeline: 12 months)



# Expedited Site Plan Approval Process for Buildings and Structures



## Deliverables

- Budget Review
- Permit Drawings
- Site Plan Approval
- TRCA Development Permit

## Assumptions

- No OPA required.



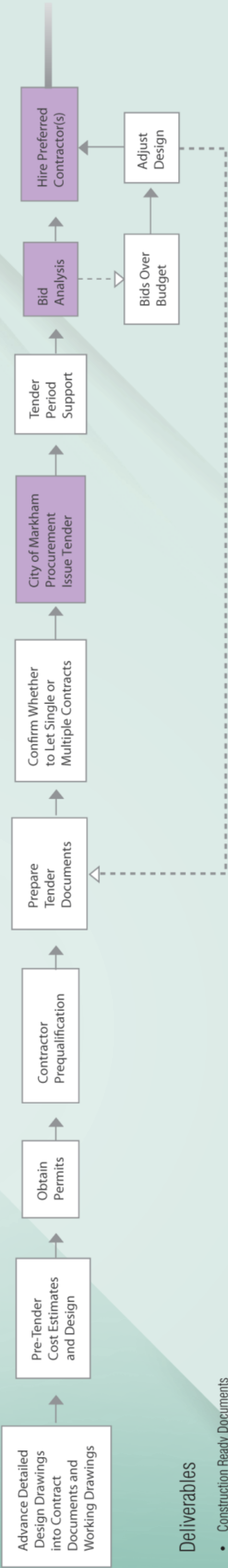


STAGE IV

Contract Documents

2015 - 2016 (Timeline: 14 months)

- Public Consultation
- Council Interaction
- City of Markham Task



Deliverables

- Construction Ready Documents
- Tender

Assumptions

- Multiple Tenders will be required

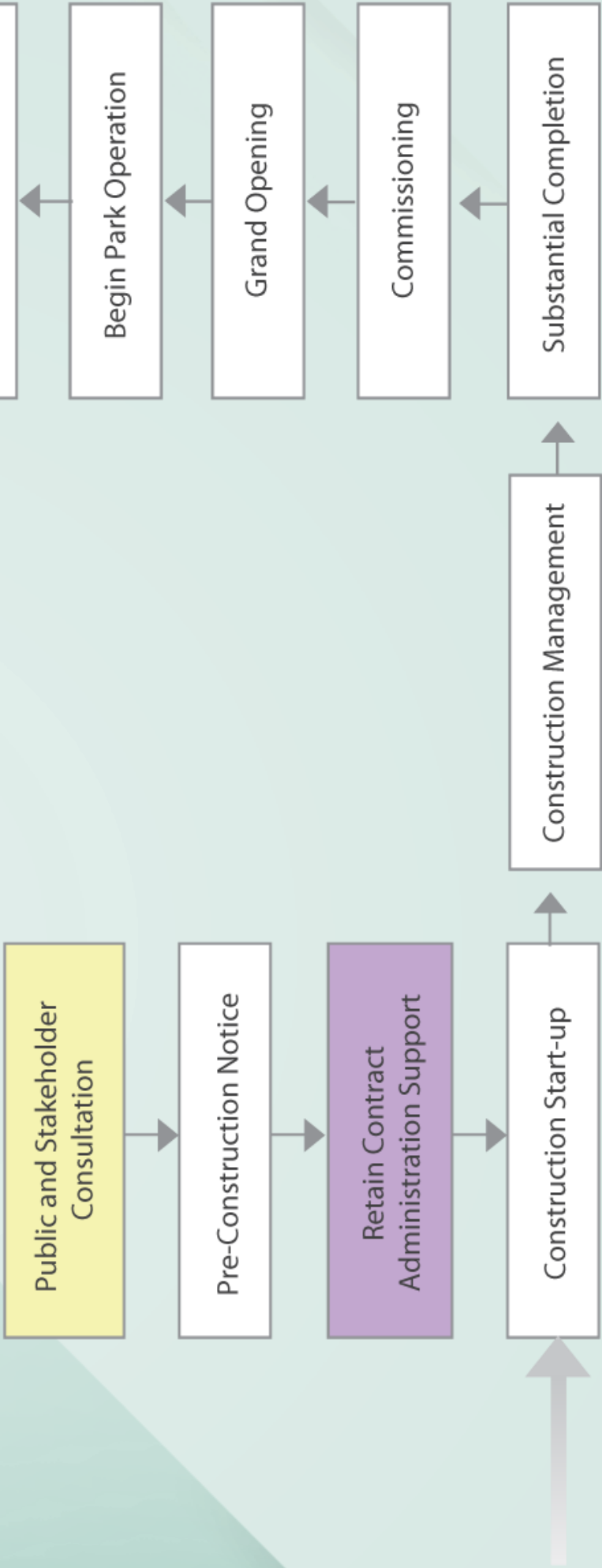


# STAGE V

## Construction & Commissioning

2017 - 2019 (Timeline: 2-4 years)

Initial Opening Spring 2018



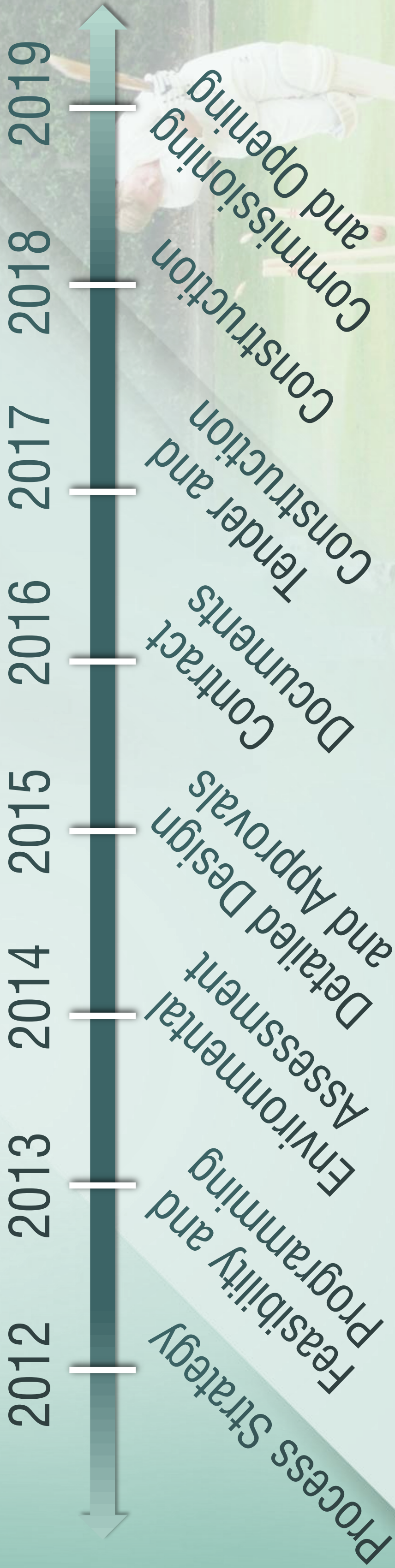
- Public Consultation
- Council Interaction
- City of Markham Task







# Schedule Overview







**POSSIBLE INTERIM USES:**

- Disc Golf
- Parcours (fitness)
- BMX
- Tennis
- Trails
- Picnic
- Dog Park



# Budget Overview

- Capital Costs for Park Construction
  - Estimate from sketch concept
  - Comparable facility costs in other municipalities
  - Per hectare sports park costs
- Technical Services
  - Percentage of construction





# Anchor Park

East Gwillimbury

Anchor Ct, East Gwillimbury, ON L9N, Canada



# Wismer Park

Markham





# Concord Park

Vaughan

Concord/Thornhill Regional Park



# Heritage Green

Hamilton



**Landscape Concept Plan**  
**HERITAGE GREEN COMMUNITY SPORTS PARK**  
**STONEY CREEK**  
**CITY OF HAMILTON**  
HOUGH WOODLAND NAYLOR DANCE LEINSTER  
*Design - Environmental Planning*  
March 6, 2002  
Scale 1:1000



Unwin Ave

Composting Toilets

Vegetation Restoration

Parking  
(75-80 spaces)

FIFA Sized Soccer Fields

Future Park Centre

Pedestrian Connection to  
Waterfront

Stormwater Retention

Vegetation Restoration

# Cherry Beach Sports Park

Toronto

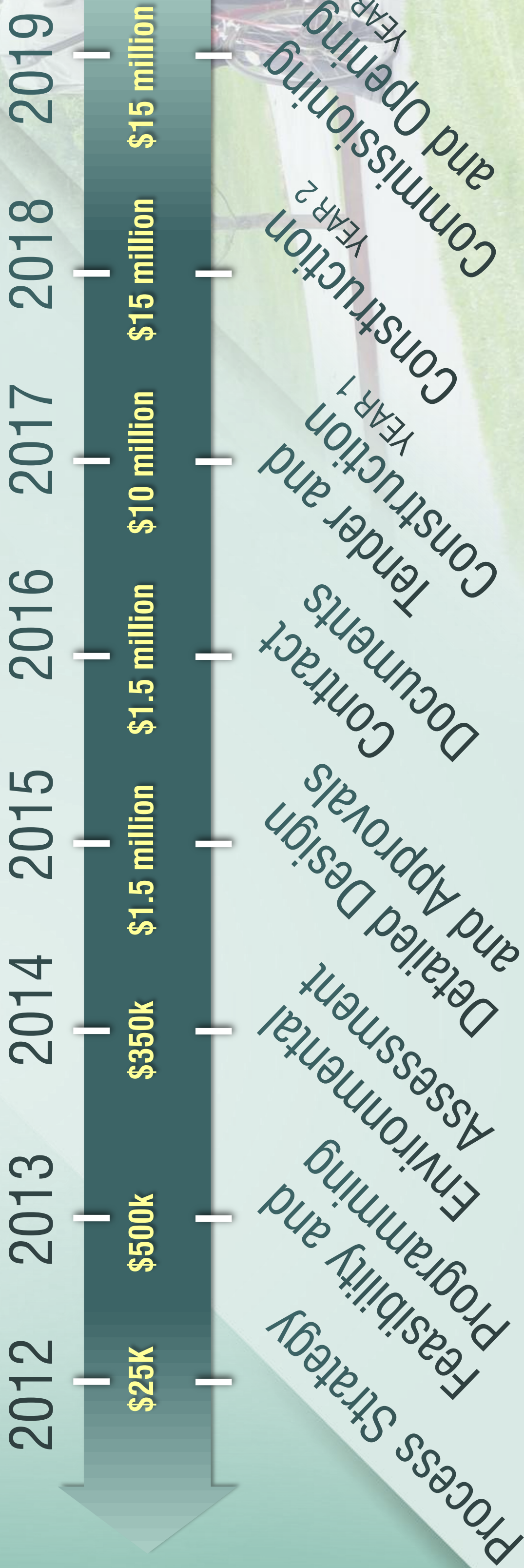


Image ©2013 DigitalGlobe

Google earth



# Cash Flow Overview





# Assumptions

- Outdoor facilities only
- 100 acre site
- Fully serviced
- No major new buildings





# Next Steps

## Q2

- Assemble PM Team
- Retain Technical Resources (internal & external)
- Stakeholder Consultation
- Commence Outdoor Facility Assessment
- Commence Existing Conditions (Site) Assessment
- Develop Facility Program and Delivery Model

## Q3 & Q4

- Complete Assessments
- 
- ## Q4
- Seek Council Endorsement