# The Challenge of Aging Infrastructure

**1975**  
- Nearly 50 Years old  
  - Built in 1975  
  - Opened in 1976

**2014**  
- Engineering Assessment/Report  
  - Short Term Repairs  
  - Medium Term Repairs  
  - Long Term Repairs

**2015-2018**  
- Short Term  
  - $1M worth of Short Term Repairs Completed  
  - Mechanical Room Overhaul, Storm Pipe Repairs, Elevator Cab Replacement, Deck Patching

**2018**  
- Medium Term Plans called for extensive repairs that required a major shutdown

**2020**  
- *Revised* Medium Term Planning developed to minimize closure and extend life

**2022**  
- Revised Medium Term Engineering / Construction – **PENDING**
2022 Revised Medium Term Work

Beam Repair

Beam Replacement

Spall Removal and Sealing

Deck Patching

Brick Façade Removal and Replacement (west face, northern ramps)

Garage will remain open with a maximum of 80 spaces impacted (345 capacity, <25%)
Project Timeline

May 20th – Publish Bid  
June 3rd – Bids Due  
June 14th – Bid opening  
June 27th – Board of Finance / City Council Approval  
June 28th – Award Project

Construction:  
July – October
<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering</td>
<td>$59K</td>
</tr>
<tr>
<td>Repairs</td>
<td>$400K (estimate)</td>
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<tr>
<td>Beam</td>
<td></td>
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<tr>
<td>Spalls</td>
<td></td>
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<tr>
<td>Deck</td>
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<tr>
<td>Spandrel Beam</td>
<td></td>
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<tr>
<td>Replacement</td>
<td>$50K (preliminary estimate)</td>
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<tr>
<td>Brick Façade</td>
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<tr>
<td><strong>Estimated Total</strong></td>
<td><strong>$509K</strong></td>
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</tbody>
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The Future (?)

The Marketplace Garage is getting old.

A decision is needed in 3-5 years:
- Major capital reinvestment?
- Construct a new facility?

Reinvestment? – There are challenges
- Many old infrastructure components (water/sewer/drain/electrical/elevator)
- Notably: Post-tensioned concrete slabs with insufficient concrete cover
- All result in ongoing costly, extensive repairs.

New Facility? – Planning effort needed
- Public process to determine the future vision
- Planning funds are in the FY’23 Parking Facilities Fund budget to begin this process
Thank you

Questions?