

A stylized white line-art illustration of the Toronto skyline on a dark grey background. The CN Tower is prominent on the left. Several yellow construction cranes are positioned across the skyline, with their jibs extending upwards. A white line connects the top of the CN Tower to the 'COORDINATION' text box. The word 'CONSTRUCTION' is in yellow, and 'COORDINATION' is in white, both within grey rectangular boxes.

CONSTRUCTION

COORDINATION

# CONSTRUCTION BOOM

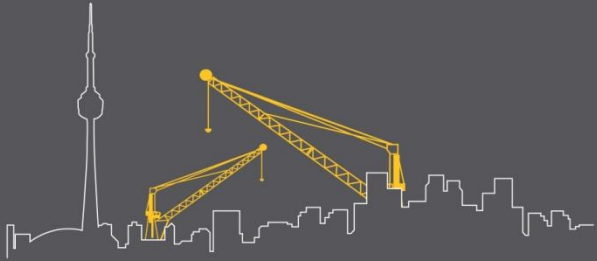
- The City of Toronto is undergoing an **unprecedented** construction boom •

Toronto is recognized as a great place to **live, work, and do business**. The city has rapidly grown to become North America's fourth largest city.

Toronto's construction boom shows that the city is **healthy** and the economy is **growing**.

This increased construction activity requires careful **coordination**.



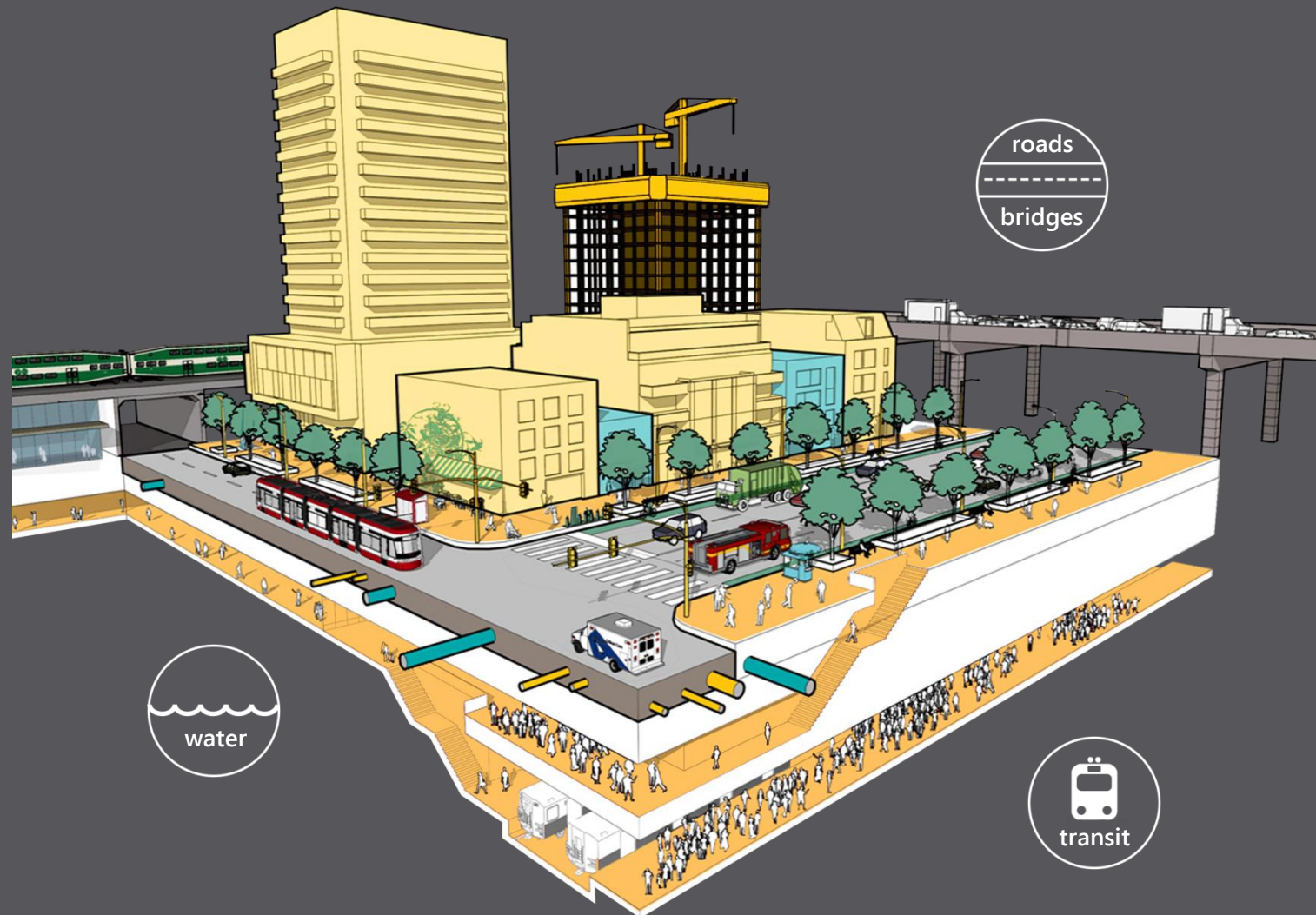


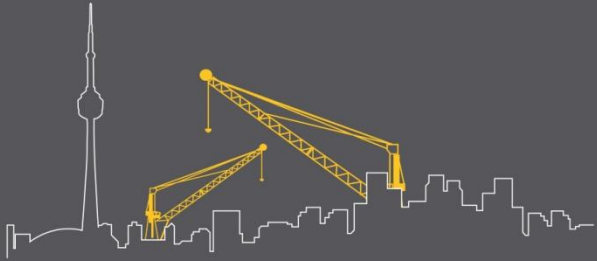
# CONSTRUCTION WHY?

## • updates to aging infrastructure •

Transportation Services, Toronto Water and the TTC are updating a significant amount of their infrastructure across the city, built 60-70 years ago and currently reaching the end of its service life.

Upgrades ensure road networks are **repaired**, transportation and public transit corridors **improved**, and watermains and sewers are **replaced** or **rehabilitated**.



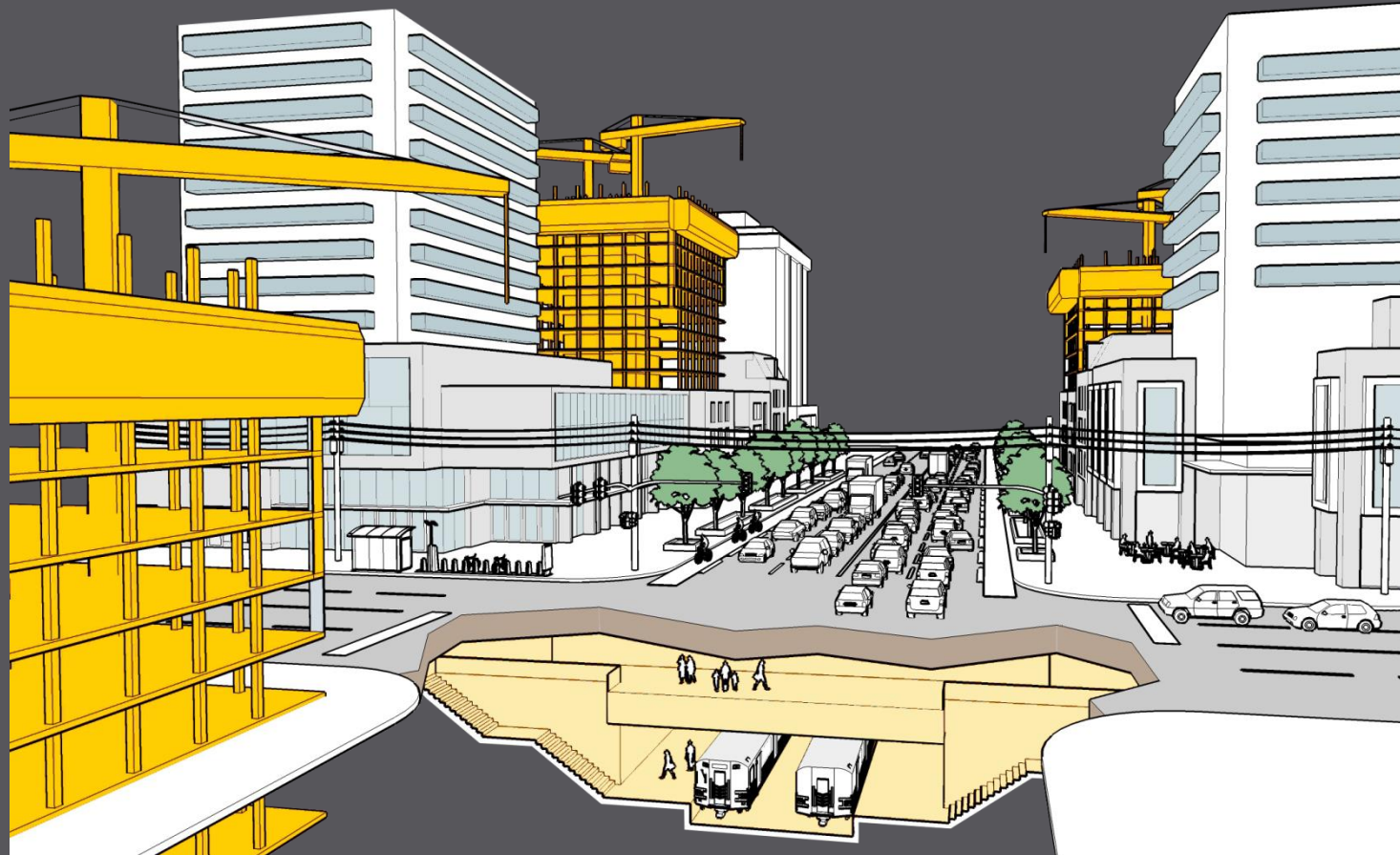


# CONSTRUCTION WHY?

## • extensive private construction •

The city is growing at a tremendous rate, particularly the downtown core. There are significant demands for new infrastructure to support residential and commercial development across the city.

Private construction **increases demand** for services and **adds** further **pressure** to our roads.





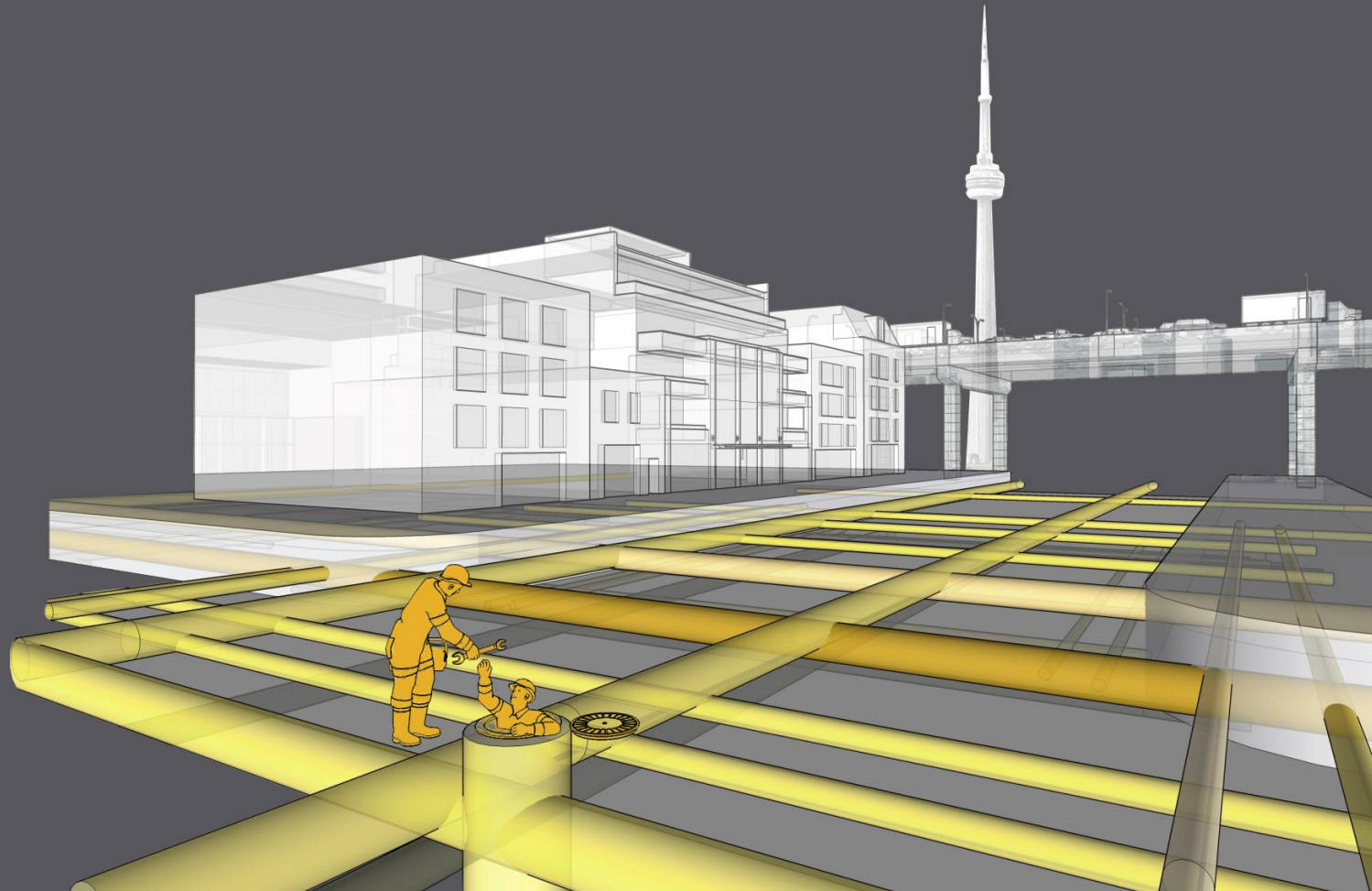


# CONSTRUCTION WHY?

External organizations including Toronto Hydro, Enbridge, Enwave and various telecom companies require access to their underground infrastructure to expand and upgrade their utilities.

The city is **legally required** to allow external utilities access to their infrastructure, adding to **disruption** on our roads.

## • upgrades to externally owned utilities •





# CONSTRUCTION

# CONGESTION

The unprecedented growth of the City of Toronto and the accompanying upgrades to services to support this growth, is resulting in delays and disruptions to the City's travelling public.

• **the pressure on our roads is intense** •

The public at large is feeling **significant frustration** with challenges to **traffic flow** caused by construction work.





# CONSTRUCTION

# COORDINATION

Some believe the City does not coordinate construction work. **This is a MYTH.** Construction work is highly choreographed and the City takes effective and responsible action to ensure the longevity and quality of city infrastructure.

## • challenges to coordination efforts •

### • Construction Work Practices are Policies & Protocols Governed By:



Noise bylaws



Short construction season



Contractor prices



Labour availability



Laws allowing utilities underground access



Private construction lane closures



# CONSTRUCTION

# COORDINATION

The City is working hard to improve the coordination and management of construction work zones across the city. When work begins on any construction projects, the city makes every effort to minimize disruption wherever possible.

## short-term solutions



### Signal Timing

Implementing traffic signal timing changes on roads near to where work is occurring to enhance traffic flow.



### Accelerating Work

Investigating methods to accelerate work, such as future work on the Gardiner being reduced from 20 to 12 years.



### Alternate Routes

Constantly reviewing and monitoring traffic impacts on alternate routes to update public on travelling options.



### Parallel Streets

Avoiding having construction work done on parallel streets to minimize impacts on traffic to motorists.



### Off-Peak Hours

Time work to take place in off-peak hours where possible to minimize disruptions to the travelling public.



### 5-Year Moratorium

Impose a moratorium on future tearing up of the same road, except for emergencies for a period of five years.





# CONSTRUCTION

# COORDINATION

The City is implementing several long-term strategies for managing construction work. The Major Capital Infrastructure Coordination Office will be responsible for coordinating infrastructure projects city-wide.

## • long-term solutions •



### **Putting the Coordination Puzzle Together**

The Major Infrastructure Coordination Office brings together all groups that perform construction work in the city. The MCIC has developed new systems to plan projects city-wide five years in advance, and manage changes in scope of work as projects move closer to construction.



### **Improved Communication Initiatives**

The MCIC is also improving communication between the City's divisions, such as Transportation, Engineering, and Construction, and all external agencies across the city, ensuring all groups are aware of what other organizations are doing, and can plan accordingly.



### **Bundling Together Infrastructure Projects**

The MCIC's efforts result in cost-savings by bundling different projects together to ensure work is done in the right order at the right time. This expanded coordination effort results in less construction disruptions and avoiding repeated tearing up of the same street by different organizations.



# CONSTRUCTION

# COORDINATION

The City's coordination challenge is to renew urban infrastructure in a growing city that never sleeps. Careful coordination of infrastructure projects results in maintaining a high quality of life and economic performance.

## • moving forward together •



It is clear the City of Toronto faces a number of challenges to get all critical construction work completed while accommodating the competing interests on and under our busy roadways. The effective implementation of coordination strategies aims to alleviate congestion in our city.

While the city is making every possible effort to minimize disruptions to the public, there is no denying that delays will occur. Emergency work, for example must be done and roads need to be closed for safety reasons.

However, the city continues to take significant steps toward getting this important work done effectively through its short-term and long-term coordination plans.

