



LONDON

CITY OF OPPORTUNITY



**Downtown Infrastructure
Planning and Coordination**

SPPC – January 28, 2016



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Principled Approach

- Council Vision for Downtown
- Agencies Role
- Public process in Progressing Initiatives
- Funding Priority
- Coordinated delivery of Projects



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Infrastructure Projects

- Shift – Rapid Transit EA
- Blackfriars Bridge EA
- Dundas Place EA
- Wharncliffe Road CP/CN Underpasses
- London ON Bikes - Cycling Master Plan EA
- PPCP - York Street Combined Sewer Separation Replacement Program
- West London Dyke Master Repair Plan EA (Dykes remediation/replacement program)
- Back to the River “Ribbon of the Thames” concept plan
- Springbank Dam Replacement Gates

STRATEGIC PLAN FOR THE CITY OF LONDON
2016
2019

shift
MOVING LONDON FORWARD



THE LONDON PLAN
EXCITING. EXCEPTIONAL. CONNECTED.

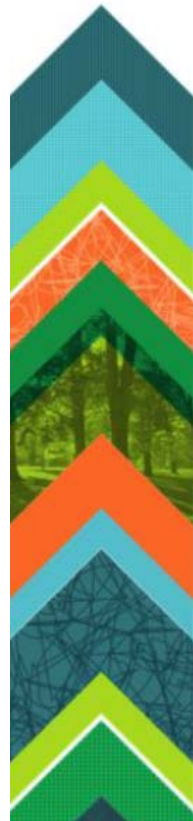
OUR MOVE FORWARD
LONDON'S DOWNTOWN PLAN

smart moves
LONDON 2030
TRANSPORTATION MASTER PLAN

MY DUNDAS

LONDON BIKES

back to the river

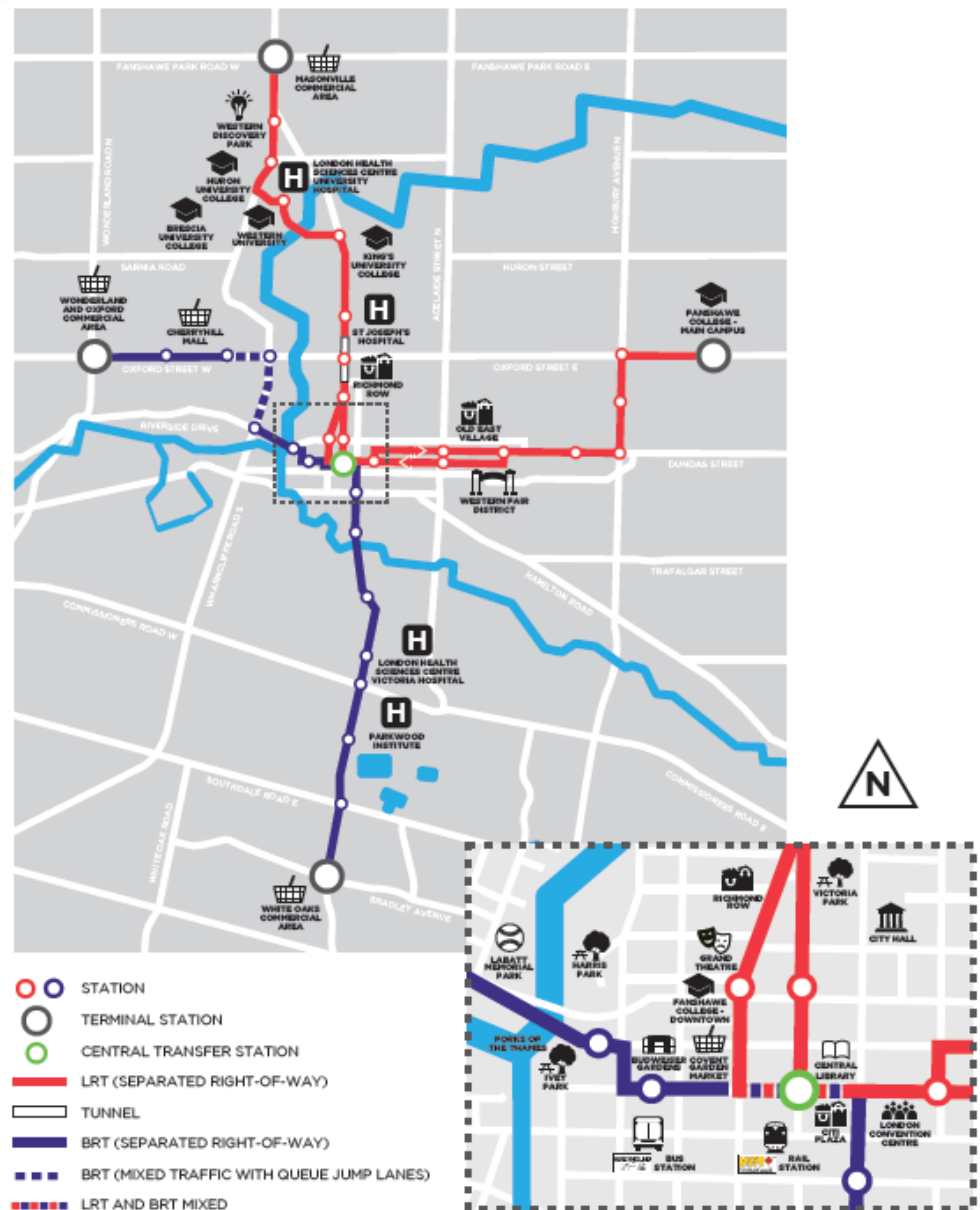




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Shift Rapid Transit

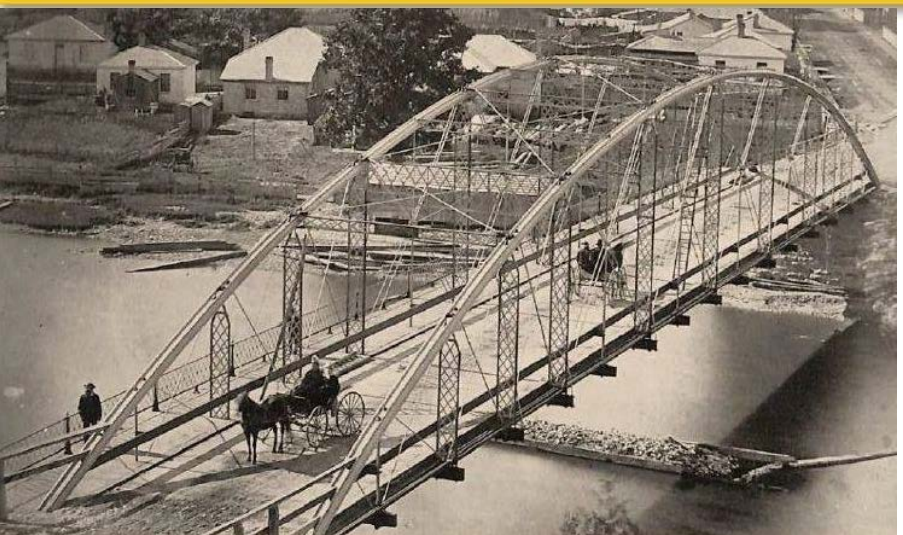
- Largest infrastructure project in the city's history
- Involves changes to roads, water, sewer and streetscapes
- Exploring alternative concepts in downtown routing based on public comments (congestion, business impacts)
- River crossing capacity is a major constraint
- Coordination with all other projects to mitigate construction impacts





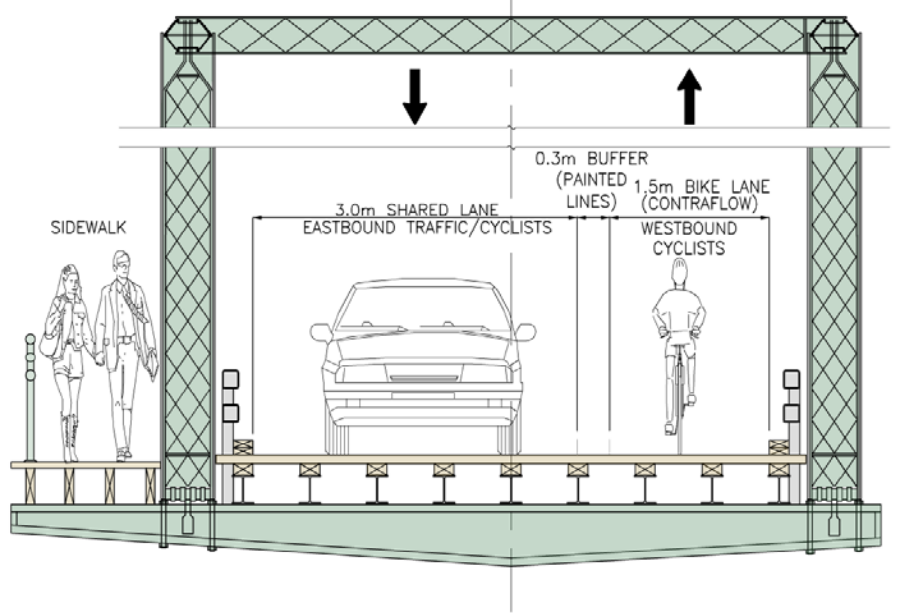


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Blackfriars Bridge

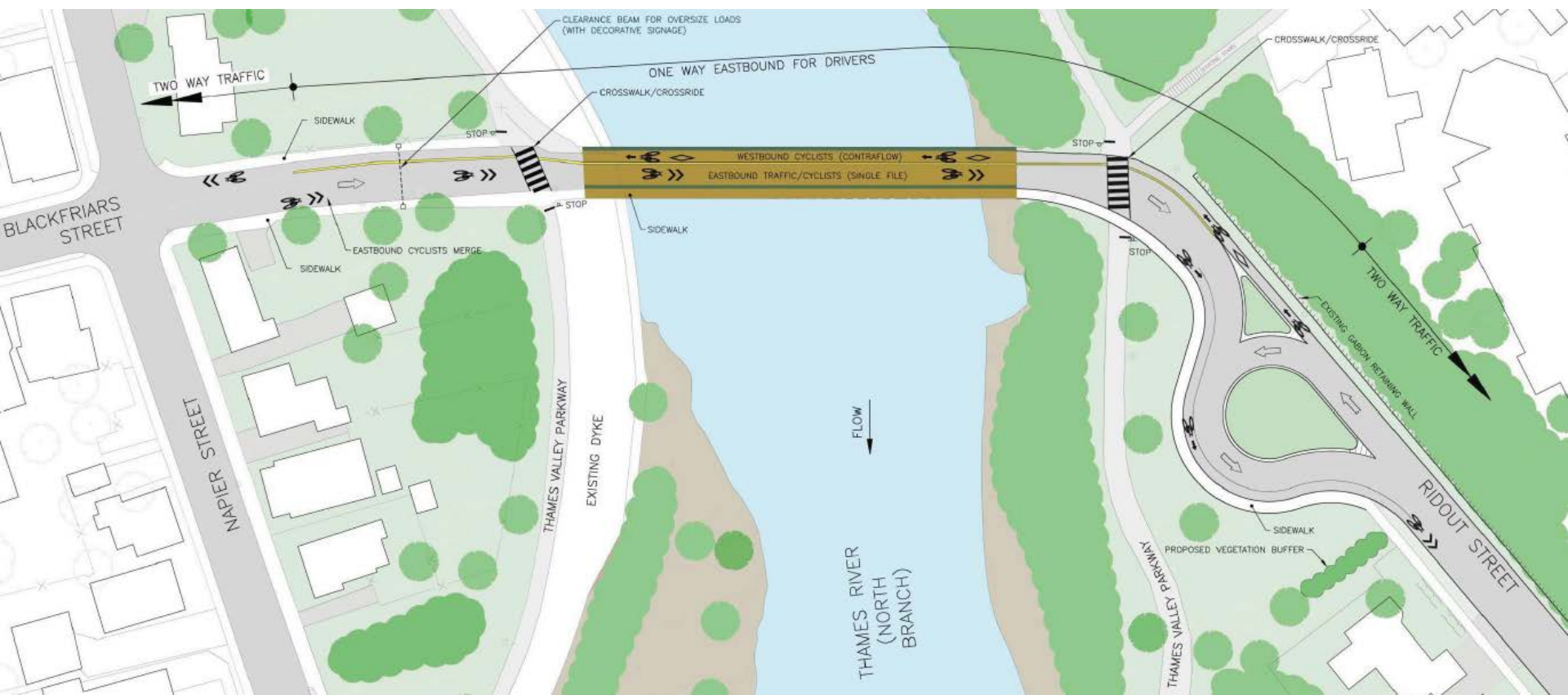
- Structure is city cultural landmark
- Major rehabilitation requirements
- Upgrades provide a balance between vehicle, cyclist and pedestrian functions
- Provides essential river crossing capacity
- Considerable closure required for implementation
- Coordination with all other projects to mitigate construction impacts



SECTION LOOKING WEST



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Rehabilitate Bridge for One Way (Eastbound) Vehicle Use and Two Way Pedestrian/Cyclist Use



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CN/CP/Wharncliffe Road Underpass Replacements

- Major transportation constraints
- Upgrades to capacity, pedestrian and cycling infrastructure
- Fundamental transportation improvement required prior to rapid transit implementation.
- Considerable road closures required for implementation
- Coordination with all other projects to mitigate construction impacts



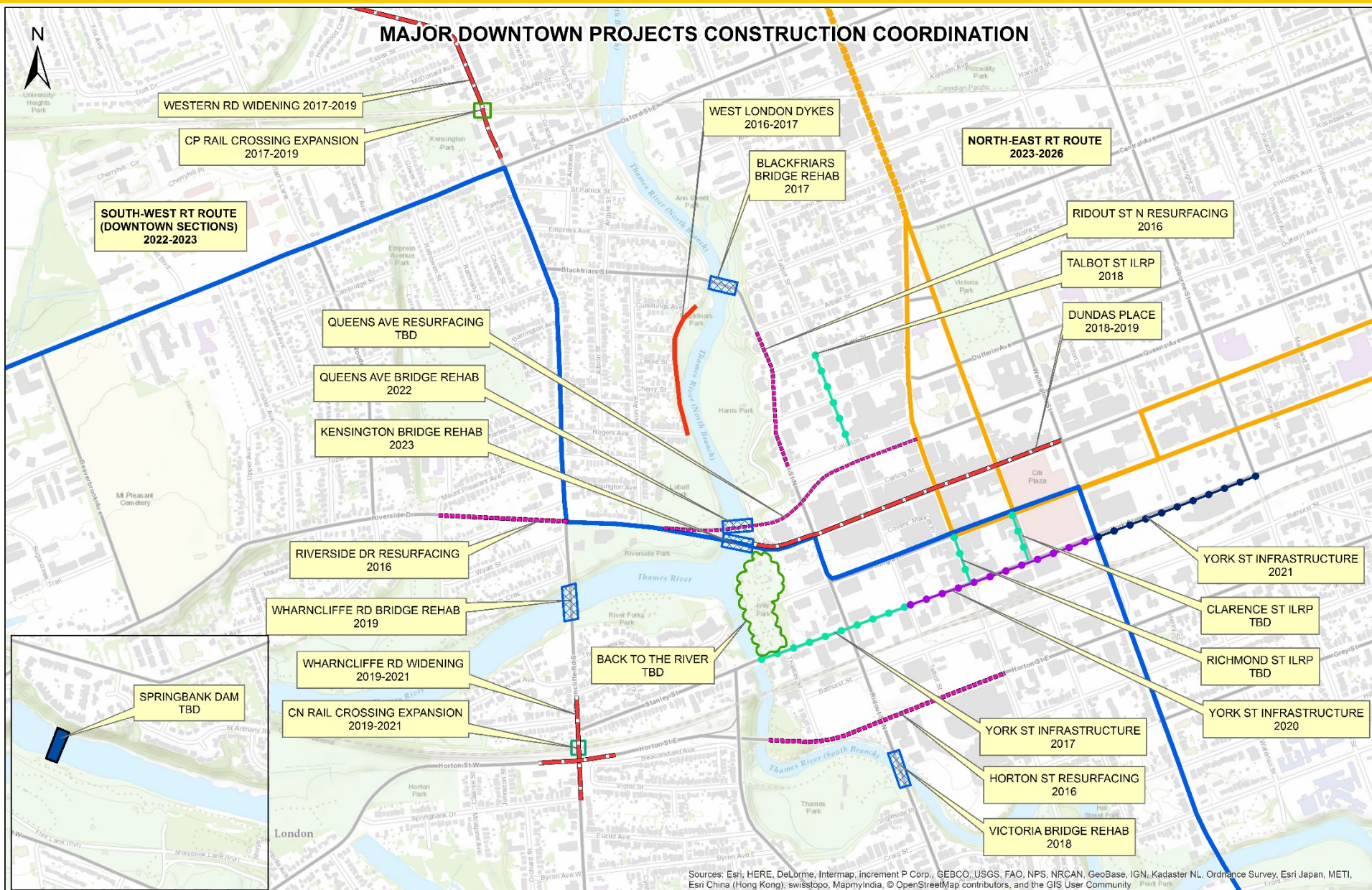


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Transformational project designed to “change the face” of Downtown London
A multi-functional facility that can serve both as a transportation corridor as well as a gathering place.
Will require transit re-routing off Dundas, on street parking impacts and coordinated infrastructure improvements including significant London Hydro.



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Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



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Thames River Nexus

West London Dyke



Back to the River



Springbank Dam



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Building a Sustainable City:

Managing our infrastructure

Climate change adaptation

Protecting our environment

Investing in the riverfront to make it beautiful and accessible





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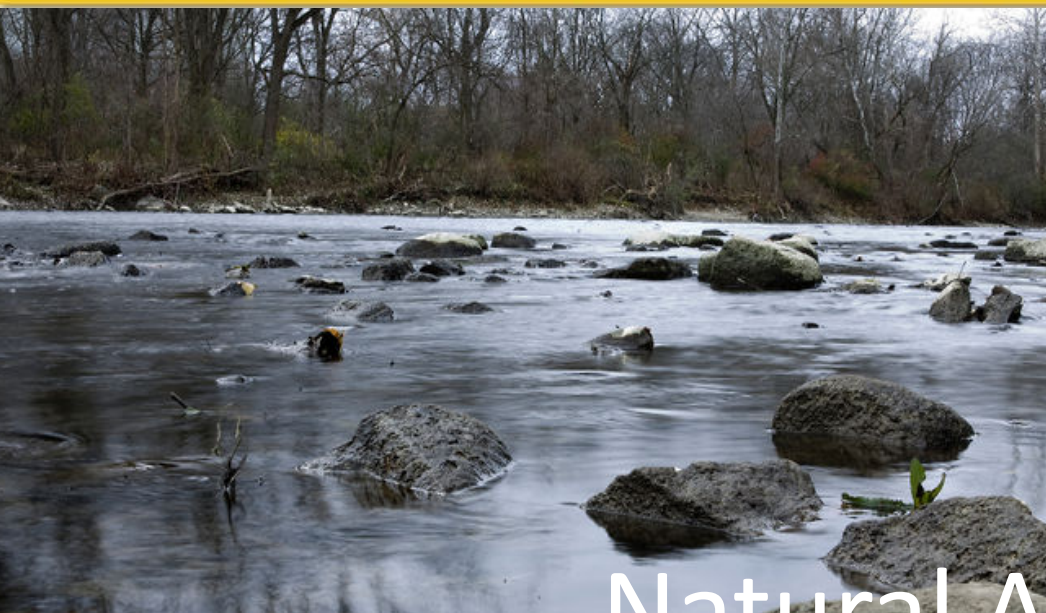
Public Aspects





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Natural Aspects





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Urban City Centre





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Principled Approach

Visions for Downtown urban environment – embrace river and respect environment.

Agency decision making.

Best value.

Respect public processes.

Coordination of all projects.



Balanced



Sustainable



Holistic



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Principled Direction

“One River” master plan EA

Find balance with:

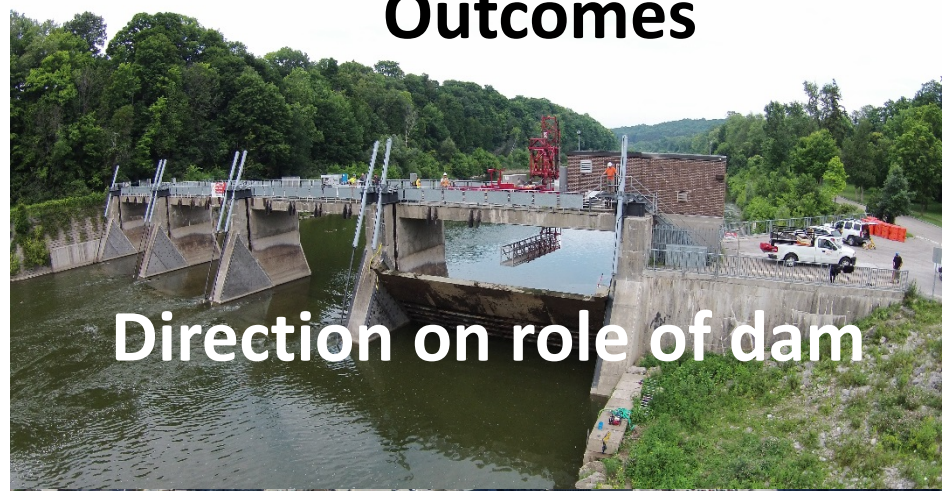
Good information

Good science

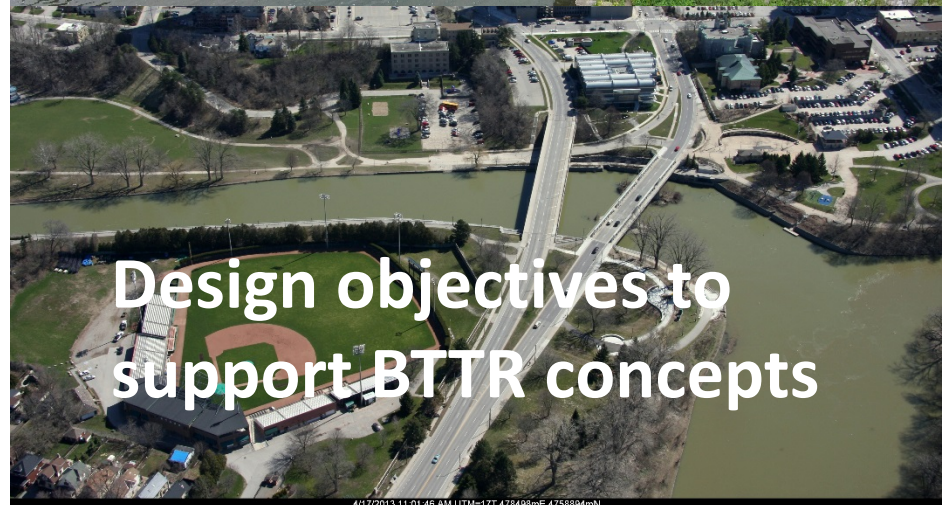
Agency and public

engagement

Outcomes



Direction on role of dam



Design objectives to support BTTR concepts



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One River – What and How

Public access and use

SARs

Fish

Urban environment

Water quality

Social/Natural/

Economic

Budget

T/R with agencies

Multi-disciplined team

Data gathering

Opportunities and

limitations

Alternative approaches



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Transforming our City Regenerating our Downtown



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Project Planning Directions

A number of key interlinked project planning directions

- Removal of transit routes from Dundas Place
- Retention of river crossing capacity
- Reduction and mitigation of downtown on street parking
- One River - Back to the River/Springbank Dam/West London Dykes integration