



Parks Canada Ontario Waterways Program of Work Industry Information Day

***Peterborough, Ontario
November 25 2015***



Public Works and
Government Services
Canada

Travaux publics et
Services gouvernementaux
Canada

Canada

Outline

1. Objectives of Industry Day

2. Location of Project Sites

- i. Trent Severn Waterway Bridge Projects**
- ii. TSW Dam & Lock Projects**
- iii. Rideau Canal Bridge Projects**
- iv. Rideau Canal Dam & Lock Projects**

3. Delivery Strategies

4. Target Milestones

5. Next Steps





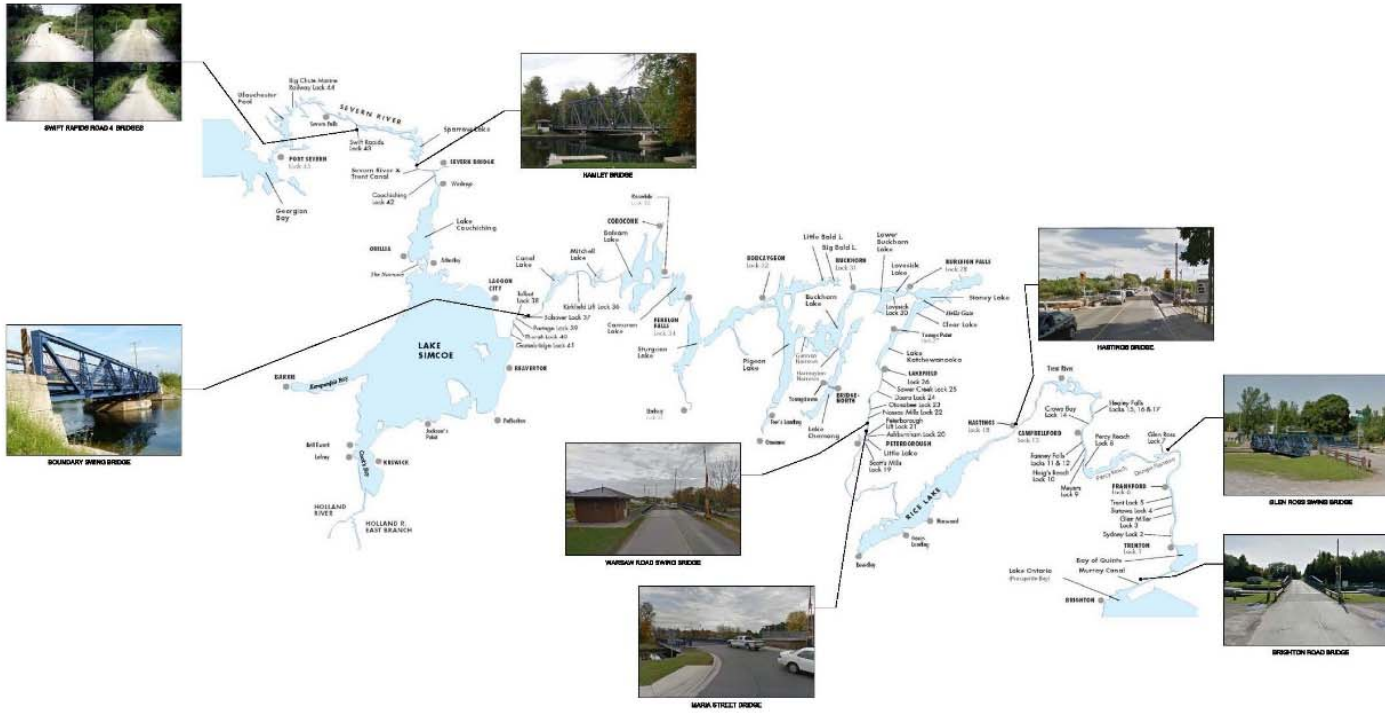
➤ **Objectives of Industry Day:**

1- Informing Industry; and

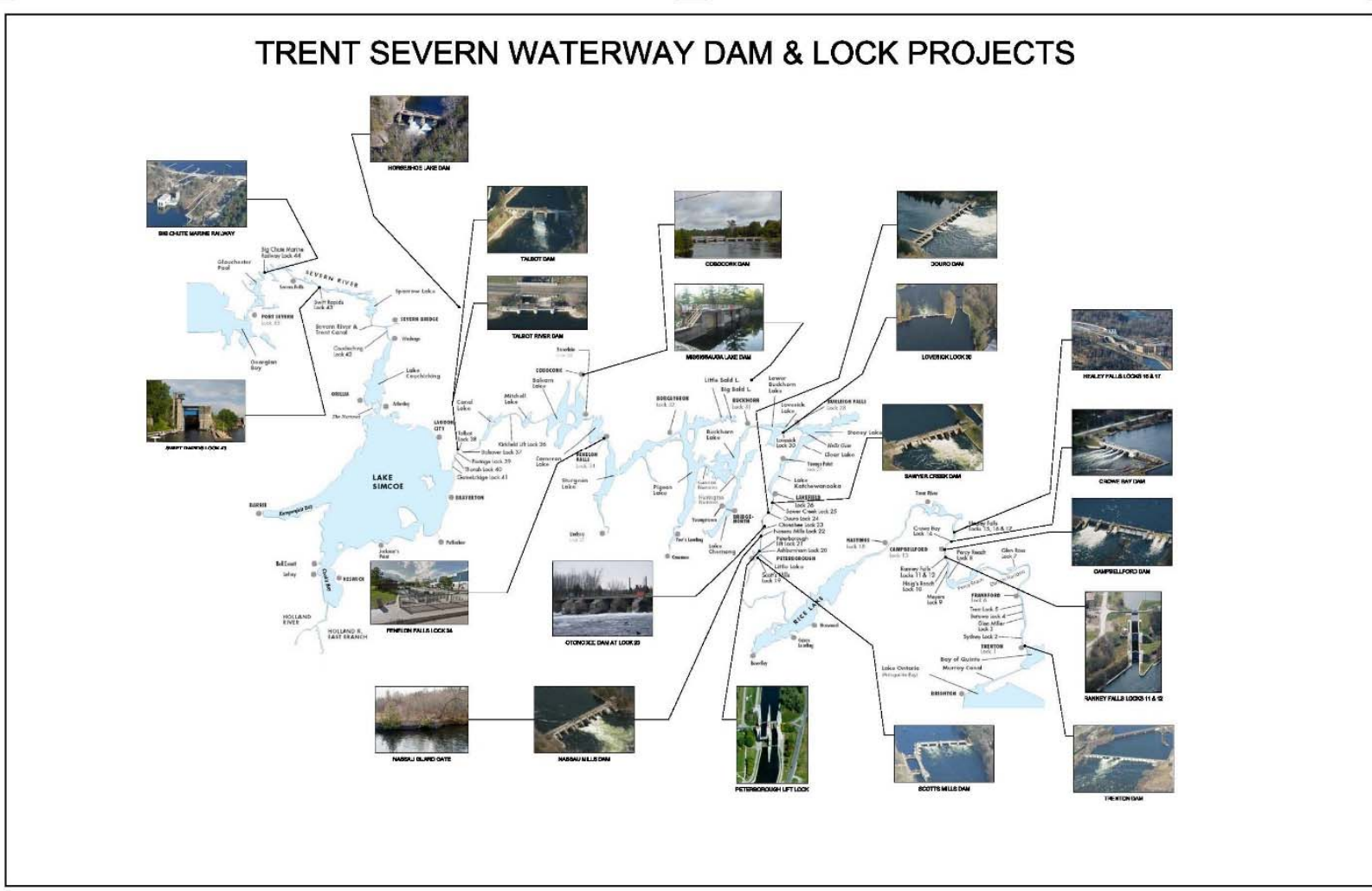
2- Seeking comments from Industry.



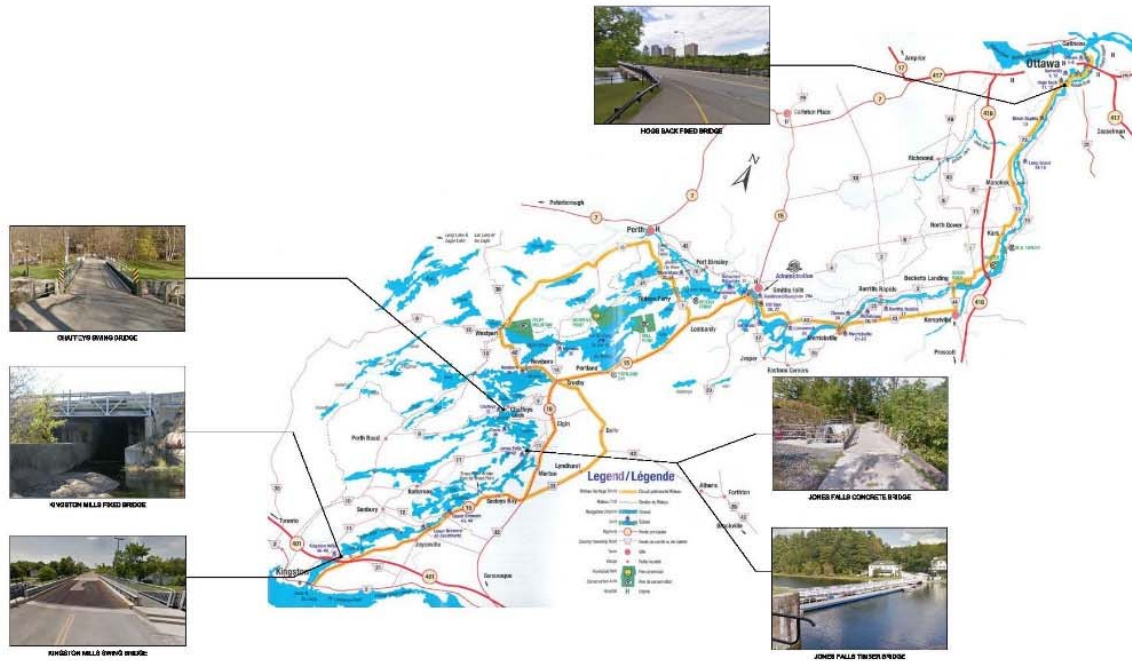
TRENT SEVERN WATERWAY BRIDGE PROJECTS



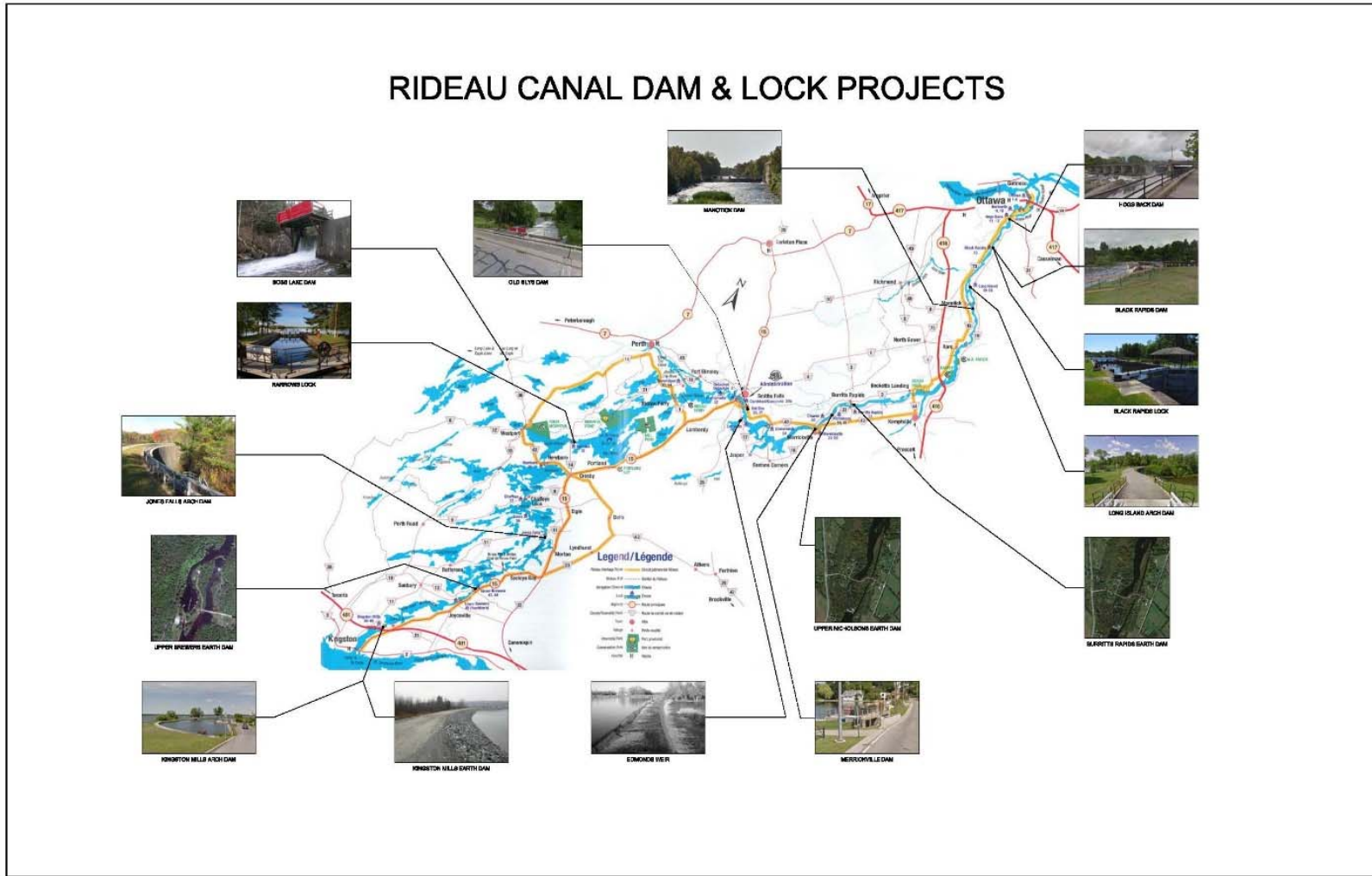
TRENT SEVERN WATERWAY DAM & LOCK PROJECTS



CANAL RIDEAU BRIDGE PROJECTS



RIDEAU CANAL DAM & LOCK PROJECTS



Delivery Strategies

1. **Standing Offers, and Supply Arrangements will be used for small individual consultant assignments (*some underway*); and**
2. **Public tender RFPs will be used for larger project packages both for construction and consulting services; for example:**

(a) TSW Projects: Numerous small projects grouped in to 5 bundles based on geographical proximity of the assets:

- 4 Regional Bundles → Construction Management
- 1 ad-hoc group of individual projects → traditional “Design-Bid-Build” (DBB).

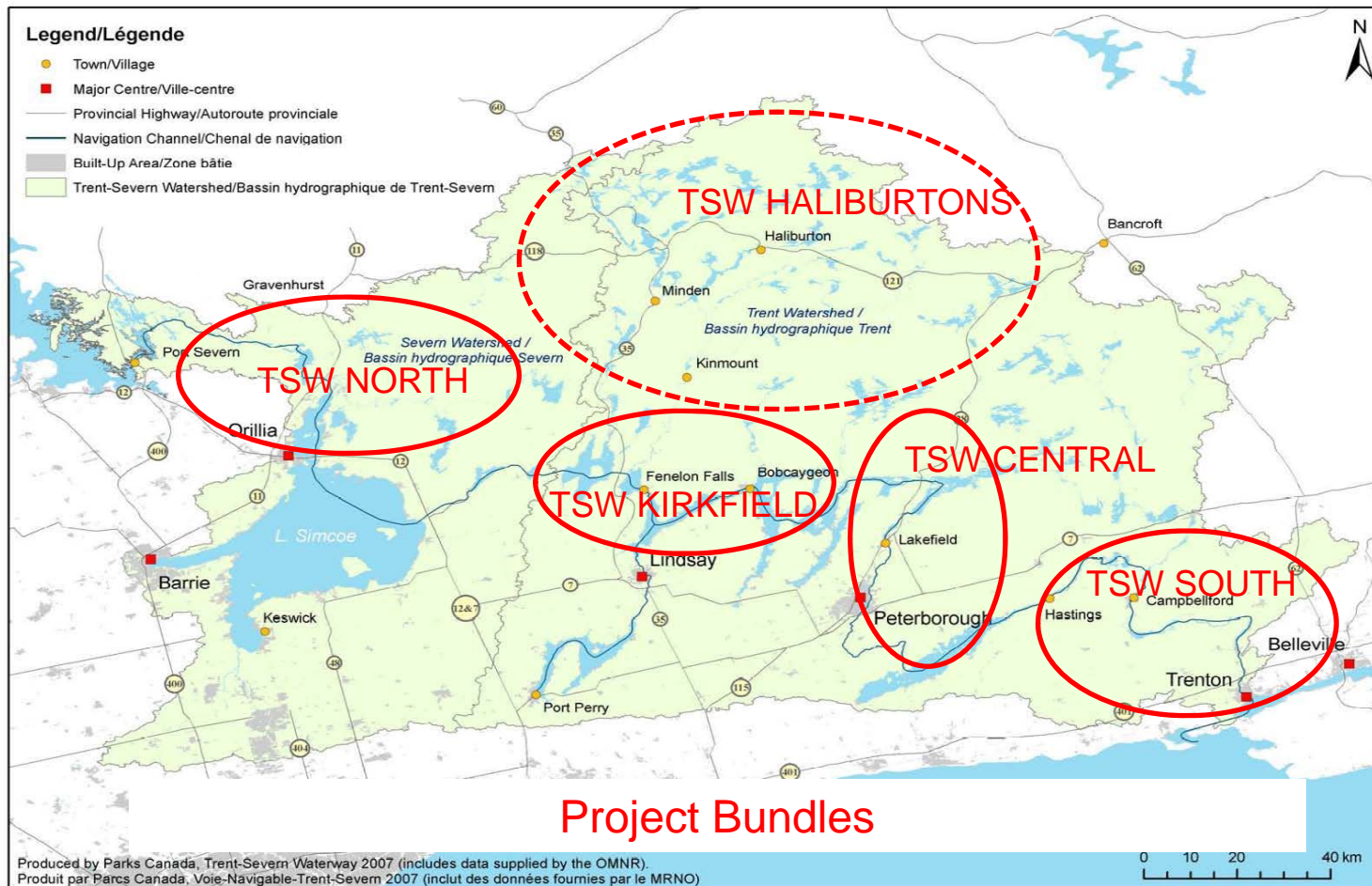
(b) Rideau Canal Projects:

- 4 - 5 groups of individual projects → traditional DBB

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Trent-Severn Waterway/La Voie-Navigable-Trent-Severn



Construction Management Bundle 1- TSW South

TSW Trenton Dam 1 / Lock 1 Recapitalization
TSW Glen Miller Dam 3 at Lock 3 Rehabilitation
TSW Frankford Dam 6 at Lock 6 Rehabilitation
TSW Meyers Dam 8 at Lock 9 Rehabilitation
TSW Dam 9 at Lock 10 Hagues Reach Rehabilitation
TSW Ranney Falls Locks 11/12 - Lock Gate and Valve Rehabilitation
TSW Dam 10 at Lock 11/12 Ranney Falls Rehabilitation
TSW Campbellford Dam 11 and Lock 13 Recapitalization
TSW Crowe Bay Dam 12 and Lock 14 Recapitalization
Healey Falls Lock 15 Concrete Repairs
Healey Falls Lock 16 and Lock 15 Canal Walls Concrete Repairs
Hagues Reach Lock 10 and Canal Walls Concrete Rehabilitation
Percy Reach Lock 8 Concrete Repairs
Meyers Lock 9 Concrete Repairs



Construction Management Bundle 2- TSW Central

TSW Scotts Mills Dam at Lock 19 and Lock 19 Recapitalization

TSW Dam at Lock 22 - Nassau - Reconstruction

TSW Dam at Lock 23 - Otonabee -Reconstruction

TSW Dam at Lock 24 - Douro - Reconstruction

TSW Dam at Lock 25 - Sawyer Creek - Reconstruction

TSW Burleigh Falls Dam Rehabilitation or Replacement

TSW Peterborough Earth Dams Rehabilitation

TSW Nassau Guard Gate Replacement



Construction Management Bundle 3- TSW Kirkfield

TSW Dam at Lock 38 - Talbot - Rehabilitation

TSW Talbot River Riverside Dam – Rehabilitation

TSW Talbot River Dykes Locks 39,40,41 - Earth Dam Rehabilitation



Construction Management Bundle 4- TSW North

TSW Port Severn Dams Rehabilitation

TSW Northern Area Dams Rehabilitation

Lock 37 - Bolsover - Downstream Walls

Lock 39 - Portage - Concrete Repairs

Lock 39 - Portage - Downstream Walls

Lock 39 - Portage - Upstream Walls

Lock 40 - Thorah - Concrete Repairs

Lock 40 - Thorah - Downstream Walls - Concrete Repairs

Lock 40 - Thorah - Upstream Walls - Concrete Repairs

Lock 41 - Gamebridge - Concrete Repairs

Lock 41 - Gamebridge - Upstream Walls - Concrete Repairs

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Other Individual Projects (Traditional Design-Bid-Build)

TSW Hastings Swing Bridge Replacement
TSW Fenelon Falls Lock Building - Rehabilitation or Replacement
TSW Swift Rapids Lock Building - Rehabilitation or Replacement
TSW Lock 44 - Big Chute Marine Railway - Car Rehabilitation
TSW Brighton Road Swing Bridge Replacement
Healey Falls Lock 17 Concrete Repairs
TSW Dam at Lock 37 - Bolsover - Replacement
TSW Hamlet Swing/Fixed Bridges #57/58 Rehabilitation or Replacement
Lock 42 - Couchiching - Concrete Repairs
Lock 42 - Couchiching - Downstream Walls - Concrete Repairs
Lock 42 - Couchiching - Upstream Walls - Concrete Repairs
Lock 43 - Swift Rapids - Downstream Walls - Concrete Repairs
Lock 43 - Swift Rapids - Upstream Walls - Concrete Repairs
TSW - Dams - Trent Watershed Dam Safety Review
TSW - Dams - Severn Watershed Dam Safety Review
TSW Dams Log Lifter Replacements
TSW Kennesis Lake Dam Replacement

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Rideau Canal (All Delivered Through Traditional DBB)

Rideau Hogs Back Dam / Fixed Bridge - Rehabilitation

Rideau Black Rapids Dam - Concrete Repairs

Rideau Black Rapids Lock 13 - Lock Rehabilitation

Rideau Black Rapids and Lower Nicholson's Wharf Replacements

Rideau Burritt's Rapids Earth Dam Rehabilitation

Rideau Combined Lock 29a - Gate Replacement and Concrete Repairs

Rideau Poonamalie Dam/Weir - Rehabilitation

Rideau Narrows Lock 35 - Masonry Repairs -

Rideau Jones Falls Locks and Arch Dam -Masonry Rehabilitation

Rideau Kingston Mills Locks - Masonry Rehabilitation

Rideau Canal Concrete Repairs



Target Milestones

Individual DBB Projects:

- Consultant RFP – Ongoing
- Construction – Ongoing

Construction Management bundles:

RFP preparation: Underway

Tender: Spring/Summer 2016

Construction: Spring 2017 to March 2020



Seeking your comments on...

- Bundling methodology
 - Sizes of bundle
 - Types of projects
- Industry Capacity
 - Specialized Consultants
 - Construction Manager availability



Next Step:

- Analyse industry suggestions and recommendations
- Finalize the CM bundling and packages
- Industry input and comments:
 - to Mr. Ricky Chan (ricky.chan@pwgsc-tpsgc.gc.ca)
 - Telephone: (416) 512-5276
 - by December 9, 2015

