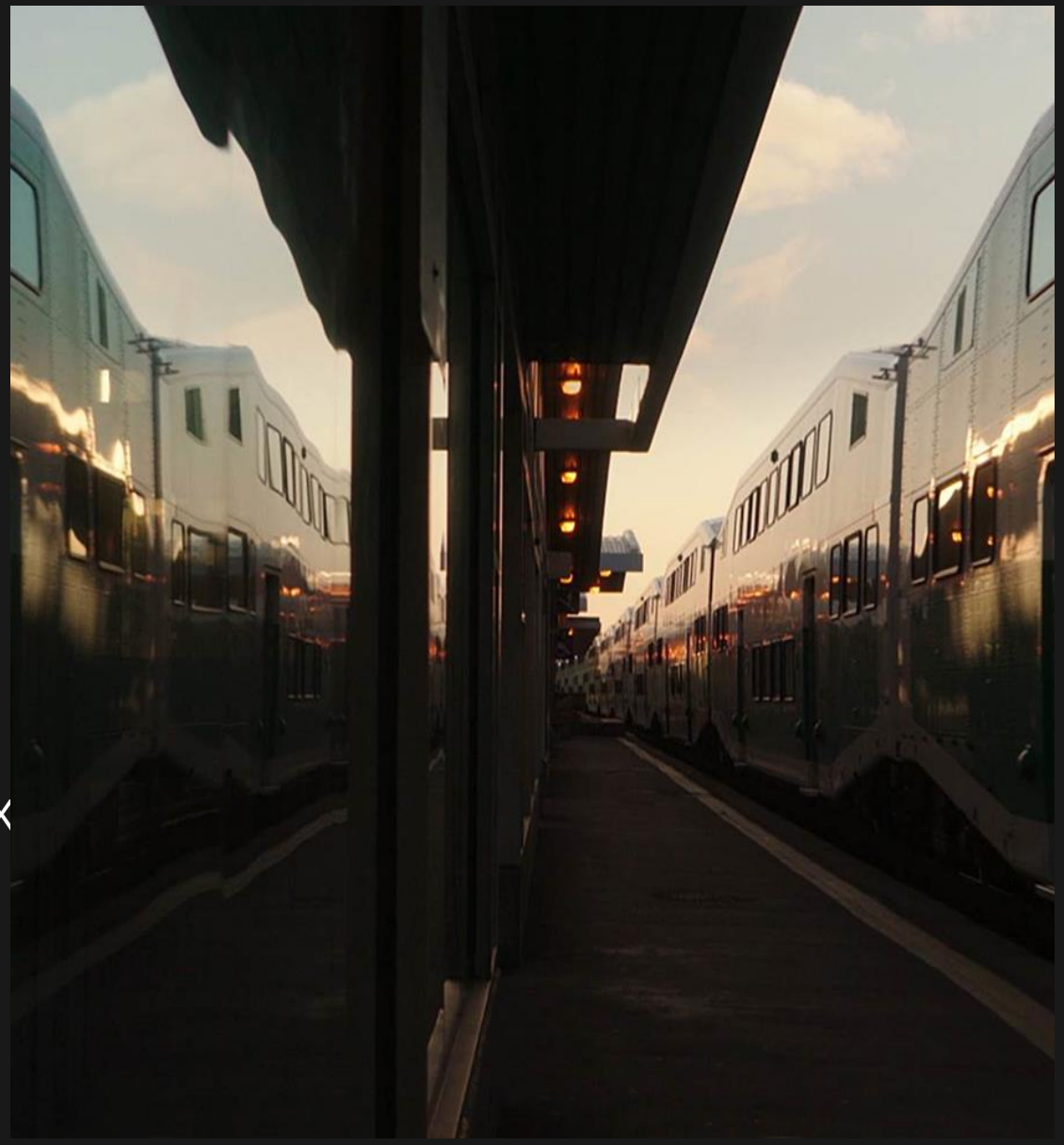
Creating Connections in Niagara Region



GERRY CHAPUT, CHIEF CAPITAL OFFICER - METROLINX

ERIN MOROZ, DIRECTOR OF COMMUNICATIONS AND COMMUNITY RELATIONS - METROLINX

METROLINX PRESENTATION TO NIAGARA REGION COUNCIL

MAY 18, 2017

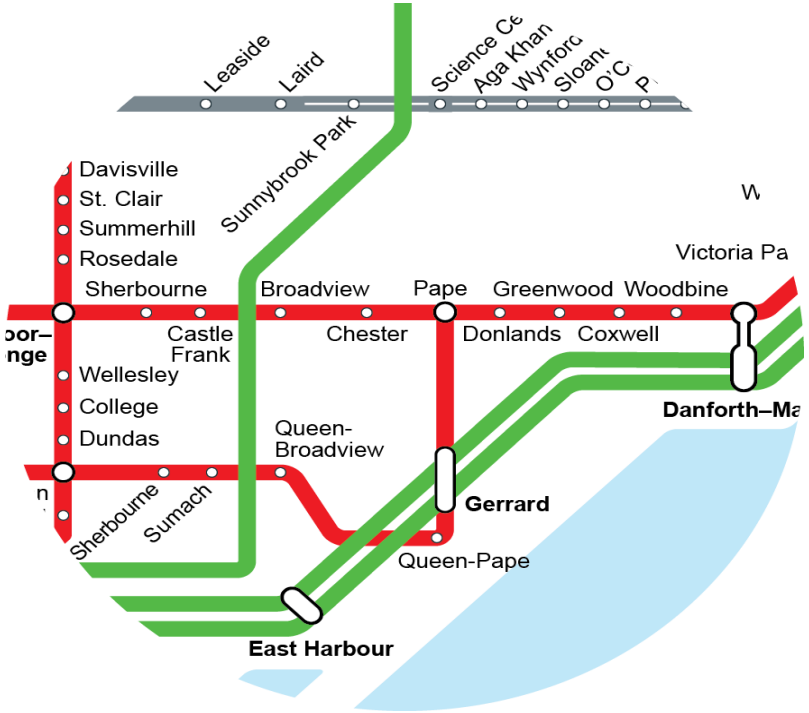
A REGION IN NEED OF A LONG-TERM PLAN




REGIONAL TRANSFORMATION

METROLINX

PLAN



BUILD



OPERATE



BUILDING ON A PROUD TRADITION OF TRANSIT IN NIAGARA REGION



CURRENT GO TRANSIT NETWORK



CURRENT GO BUS SERVICES



SEASONAL GO TRAIN SERVICE





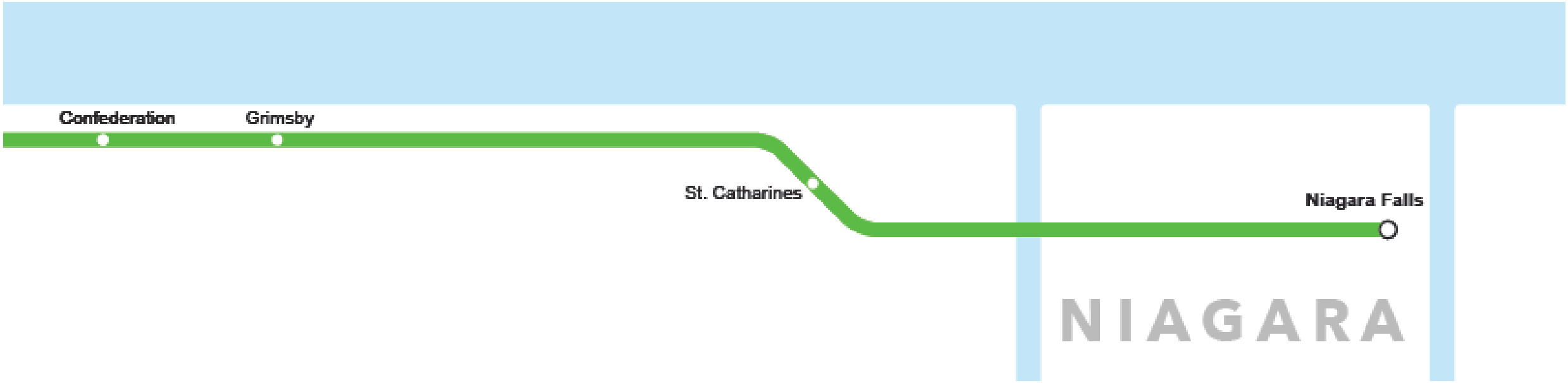
BRINGING MORE GO TRAIN SERVICE TO NIAGARA REGION

NEW SERVICE FOR NIAGARA REGION

To bring more service, we need to build/make:

- Track Improvements
- Update stations: St. Catharines and Niagara Falls

- New Stations: Confederation and Grimsby at Casablanca
- New layover facility in Niagara Falls
- Additional GO rail fleet to provide service
- Adding more than 25 kilometres of new track
- Customer experience improvements at stations



NEW TRACK AND NEW STATIONS

- New Track – Lakeshore West Corridor
  - Current seasonal service runs on existing CN track. Metrolinx will need to build a separate track in segments to run this new service. We are working with CN on how this track will be built within their rail corridor.
  - New track will be added from West Harbour GO Station in Hamilton to Niagara Falls.
- New Stations
  - Confederation (Hamilton)
  - Grimsby at Casablanca
- Updated Stations
  - St. Catharines
  - Niagara Falls





EXAMPLES OF GO STATION DESIGNS









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WORK COMPLETED TO DATE

- Valley Inn Road bridge replacement – completed June 2016
- Desjardins Canal Bridge – completed December 2016
- Lewis Road layover facility – operational in April 2017

- Confederation Station in design, 50% complete
- West Harbour GO Station 2nd platform complete, track installation estimated complete by end of 2017. No anticipated impacts to existing GO service.
- John Street Bridge replacement is currently in design by CN Rail
- Track work, retaining walls adjacent to York Blvd – will continue into late 2017

PROJECT PHASING

Given the magnitude, scope, and complexity of the work involved, we have an initial plan that phases implementation of the project.

NIAGARA SERVICE - ENABLING WORK (Hamilton Area):

- Phase 1: Ongoing work in Hamilton to provide two-way-all-day service (Hamilton Expansion)
  - Track and signals modifications between Bayview Junction and West Harbour station, re-alignments in the vicinity of Valley Inn Road and Hamilton Yard, and additional mainline track over Desjardins Canal.
- Phase 2a: West Harbour Station additional service capacity
  - Completion of 2nd track and related infrastructure at West Harbour station - two stub-ended tracks serviced by new platforms. Track will be laid from Bayview to the Hamilton Junction – after this phase, increased service to Hamilton will be able to occur.

PROJECT PHASING

TRACK EXPANSION (beyond Hamilton to Niagara Falls):

- Phase 2b – To enable efficient through traffic operation from West Harbour to Niagara Falls
  - GO West Harbour Station tie-in to mainline, including grading, track, re-signalling, replacement of the overhead John Street bridge, and potential modification/replacement to existing James Street bridge.

- Phase 2c – To provide service to future Confederation Station
  - From Hamilton to Stoney Creek – additional 3rd track including grading, drainage, track, re-signalling, and structural work from West Harbour (Hamilton) to Confederation (Stoney Creek).
  - Two (2) additional tracks vicinity of Confederation station
  - Approximately 6 Miles of track; four (4) bridge modifications (Birch, TH&B, Kenilworth, Red Hill Creek); three (3) culvert extensions; eight (8) level crossing upgrades.

PROJECT PHASING

- Phase 3 – Improved access to existing Lewis Road Layover Facility
  - From Confederation Station to Grimsby - grading, additional track, and re-signalling.
  - Two (2) additional cross-overs; three (3) level crossing upgrades.

- Phase 4 – To provide service to future Grimsby at Casablanca Station, and beyond
  - From Lewis Road to Grimsby at Casablanca – new 2nd track including grading, and re-signalling from Grimsby to Jordan.
  - Approximately 11 Miles of track; three (3) new crossovers; rehabilitation of 20-Mile Creek bridge; seventeen (17) culvert extensions; and seventeen (17) level crossing upgrades.

- Phase 5 – To provide service to Niagara Falls, and future Niagara Falls Layover
  - From St. Catharines to Niagara Falls – new 2nd track including grading, track, and re-signalling from Stanley Avenue to Niagara Falls VIA station.
  - Approximately 2 Miles of track; two (2) crossovers; four (4) level crossing upgrades.

- NOTE: All new track and crossovers require extensive corridor re-signalling work.

WORKING TOGETHER

We continue to work together to:

- Maintain ongoing and regular coordination through the joint Metrolinx-Niagara Region Working Group
- Finalize Agreement-in-Principle (AIP) between Metrolinx, Niagara Region and local municipalities
- Confirm funding agreement and commitments between Niagara Region and MTO
- Support station planning efforts, collaborate on ongoing regional planning studies and the community engagement process for new GO rail stations
- Support new Niagara Inter-municipal Transit authority and integrated transit planning
- Work with regional planning and capital projects representatives to maintain schedule and timelines
- Identify and plan interface work – e.g. regional studies, development applications, utility servicing, road improvements, etc.
- Cooperate, support, and provide timely input, responses, and any necessary approvals to CN & Metrolinx in any work at Railway-Municipality boundaries

WORKING TOGETHER

Community Engagement

- Coordinate and collaborate effectively with Niagara Region, Metrolinx & CN Community Relations regarding all project notices, updates or program elements of interest to residents.
- Metrolinx recognizes that with new infrastructure and construction comes with impacts to the community that must be worked through with residents and their elected officials.
- A municipal engagement tour is currently underway that will include a Metrolinx presentation to each municipal council within Niagara Region to focus on local projects and impacts.
- We will be working with regional staff on station hub consultations in June 2017, and expect broader rail corridor consultations in Fall 2017.
- We are developing a community charter which will commit the organization to building the regional transportation system in a way that is respectful of the communities it touches.

NEXT STEPS

- Identify and seek acquisition of all property requirements at new station and layover sites.
- Complete EA review and gap analysis, updated studies, and prepare application for approval of EA Amendment (if required).
- Planning, procurement, design, and construction of:
  - New Grimsby at Casablanca GO Station
  - Refurbishment of St. Catharines & Niagara Falls VIA Stations
  - Niagara Falls layover facility to support new GO service to Niagara.
- Finalize Agreement-in-Principle with CN to provide new rail service to Confederation, Grimsby at Casablanca, St. Catharines, and Niagara Falls stations and facilities.


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