

Proposed Mohawk Road Ramp and Hwy 403 Truck Climbing Lane Extension

Cost Sharing Arrangement with the City of Hamilton

Background Information

- The City of Hamilton requested to construct Mohawk Rd Ramp to Hwy 403 west-bound
- Traffic simulations show extensive queuing on Hwy 403 and on the LINC to Hwy 403 WB ramp, which have a potential of rear-end collisions
- A 'Trigger Clause' was included in the draft legal agreement for the Mohawk Rd ramp.
- The 'Trigger Clause' have a significant financial requirements on the City of Hamilton, which the City refused to accept
- The ministry completed traffic modelling to study the impact of extending the Truck Climbing Lane (TCL) to merge with the Hwy 6 South on the queuing.

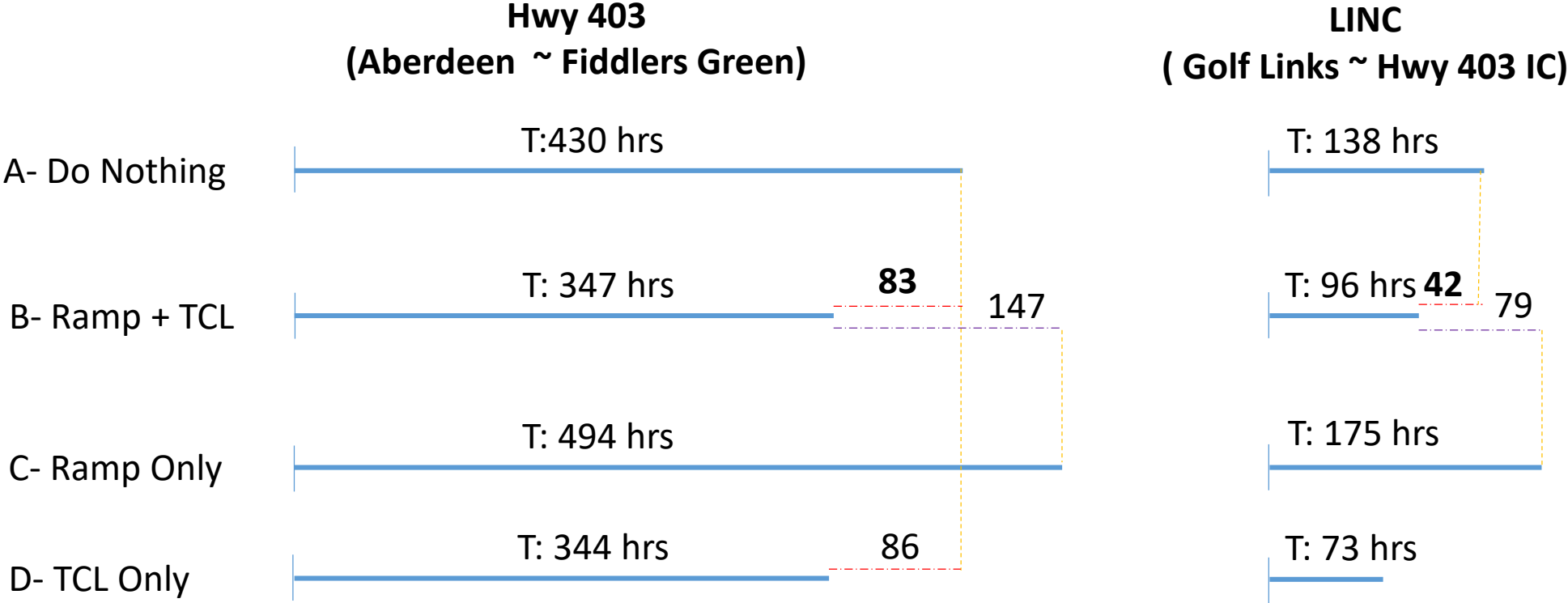
Background Information

- Traffic modelling show that extending the Truck Climbing Lane (TCL) to merge with the Hwy 6 South off-ramp will resolve the potential queuing on the LINC to Hwy 403 ramp
- The ministry would consider constructing the ramp at Mohawk Rd, **only with extending the TCL**
- Extension of the TCL is not on the ministry's technical priority list
- The ministry will remove the 'Trigger Clause' from the draft legal agreement to construct the new Mohawk Rd ramp
- Traffic modelling shows that extending the TCL improves the traffic operations on Hwy 403 and on the LINC

Construction Cost

- **The new Mohawk Rd Ramp:** The City will pay 100% of the design & construction costs
- **The extension of the TCL:** the ministry and the City will share the design & construction costs

Cost Sharing Details



$$T \text{ (from A to B)} = 83 + 42 = 125 \text{ hrs}$$

$$\% \text{ MTO} = \frac{83}{125} = 66\%$$

$$\% \text{ HAM} = \frac{42}{125} = 34\%$$

T: Total Cumulative Travel time for Hwy 403 and LINC

T is based on 13 veh/hr on the new ramp

Cost Sharing Details (Cont.)

Cost Share	MTO	Hamilton
Saving in Cumulative Travel Time	65%	35%
Acceleration Cost (for TCL Extension)	-%15	15%
Total	50%	50%

Cost Sharing Details (Cont.)

- **MTO's Cost Share:**

- Mohawk Rd Ramp: 0%
- TCL Extension: 50% (conditional on funding approval)

- **City of Hamilton Cost Share:**

- Mohawk Rd Ramp: 100%
- TCL Extension: 50%

Next Steps

- Update the draft legal agreement with the following details:
 - Remove the Trigger Clause
 - Include a clause to stat constructing the TCL along with the new Mohawk Rd ramp

- MTO to request funding for the share of extending the TCL