

Attachment-3 Construction Improvement Workshop Backgrounder

Station Name: Traffic Management

The Traffic Management station will focus on sharing information with Mayor and Council on the process and limitations around detours for all road users, data capabilities and impacts on emergency and transit services in particular.

This will include:

- Maps of the city showing: arterial roads that can be used for detours, transit route system map and permissive truck routes.
- Displaying real-time traffic data and how it is used.
- Discussing the City's detour policy.

Road Closures

When staff close roads due to construction or road maintenance there are a few important factors that must be considered. Staff must ensure that they have considered how all road users will navigate the closure area. This includes vehicles, cyclists, pedestrians, transit, and emergency services. Guelph's policy is to assign a vehicle detour route only on arterial roads. However, not all arterial roads are truck routes so at times there may be different detours for vehicles and trucks. In all cases for significant detours, staff consult with transit to minimize impacts to schedule delays and emergency services to maintain response times.

Traffic Management

Traffic Management entails balancing out the needs of the projects and the needs of the public (and specifically the surrounding impacted area) in advance of the work to minimize vehicle traffic infiltrating neighbourhoods that are not intended for high volumes of traffic. It is also important that access is maintained to businesses. Here are some of the ways staff balance the community needs when managing traffic:

- Considering how much we close off a road using signs, and barricades/barrels in advance of the work area to minimize traffic infiltrating the neighbourhood but also maintaining access to businesses.
- Considering communication constraints on signs/numbers of signs.

At the Traffic Management station, staff will share several improvements currently being implemented and several planned initiatives. Staff will seek to understand from Mayor and Council:

- What is the best way for staff to communicate with you?
- What kind of information about construction is most important for Mayor and Council to receive?
- What channels do Councillors use/frequently access to help get traffic mitigation information out beyond city-led public information centres?

At this station Council will learn more about:

- Understanding how detours are selected.
- Understanding how truck detours are selected.
- How staff use data to adjust signal timing
- How staff work with Transit to minimize impacts to the transit schedule when on detour.