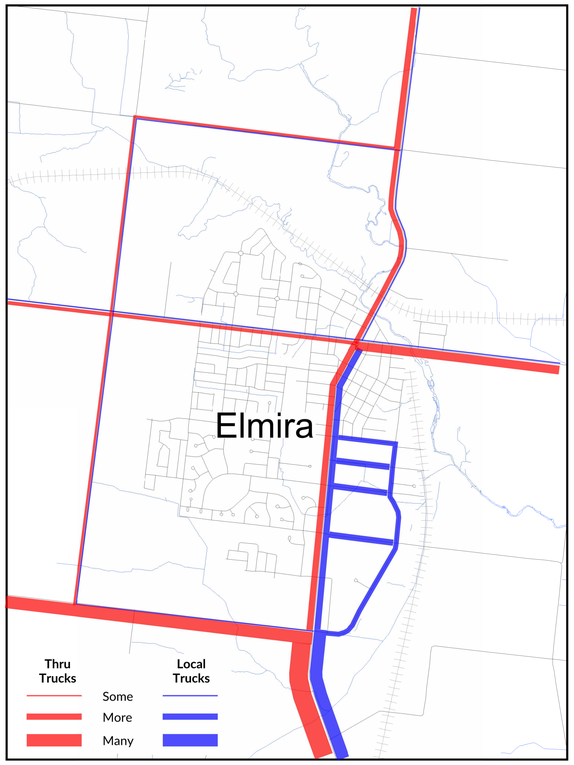
ALT #B0 - EXISTING CONDITIONS (DO NOTHING)



Alt #B0 - Existing Conditions (Do Nothing)

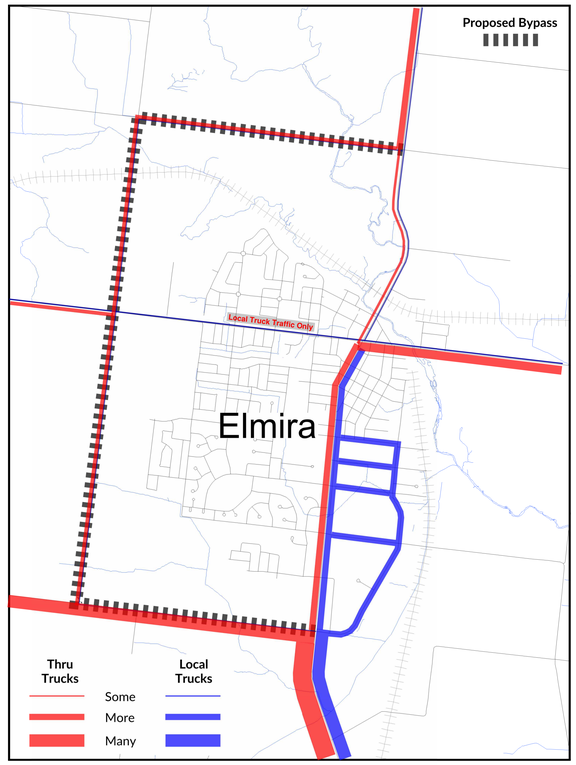
570 Trucks daily to / from Arthur Street North of Elmira
640 Trucks daily to / from Church Street East of Elmira
~ 300 Trucks daily to / from Church Street West of Elmira
1460 Trucks daily to / from Arthur Street South of Elmira

For Arthur Street south of Elmira, approximately 40% of the trucks are considered local traffic and have destinations within Elmira, the majority of which are destined for the commercial industrial area at the southeast corner of town.

For the remaining directions, approximately 15% of the trucks are considered local traffic.

Non-local trucks ("thru trucks") travel around Elmira via Listowel Road or they travel thru the Elmira Downtown Core Area.

ALT #B1 - WEST BYPASS (USING EXISTING ROADS)



Alt #B1 - West Bypass

Generally, a relatively small number of trucks would use the West Bypass, primarily thru trucks from the north and south.

Most thru trucks from the east or west, would likely not utilize a West Bypass and will continue to travel thru the downtown core.

Approximately 10% of trucks from the north, east and west that are considered local traffic and have destinations within Elmira will continue to travel thru the downtown core.

East Bypass Options

Alt #B2 - New Corridor
Alt #B3 - Hybrid 1 - Extend Union to Church
Alt #B4 - Hybrid 2 - Extend Howard to New Corridor

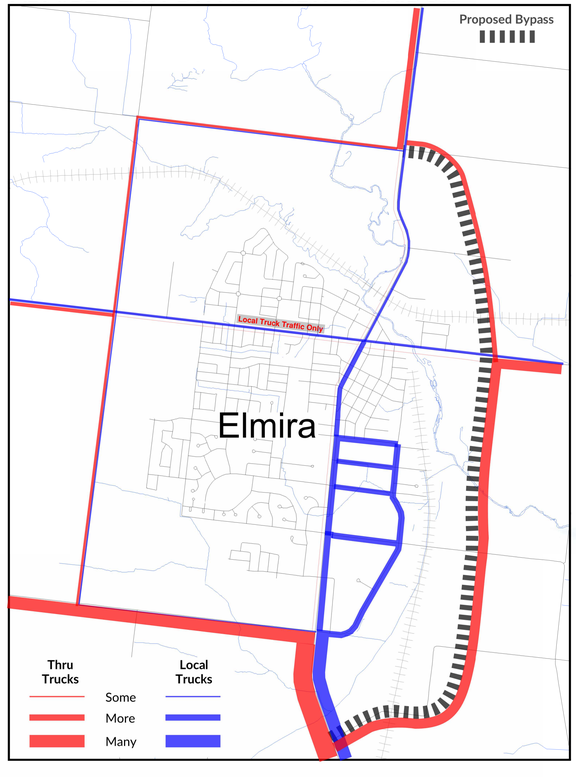
Generally, a majority of thru trucks from the north or south would use an East Bypass.

Thru trucks from the east would utilize an east Bypass Road.

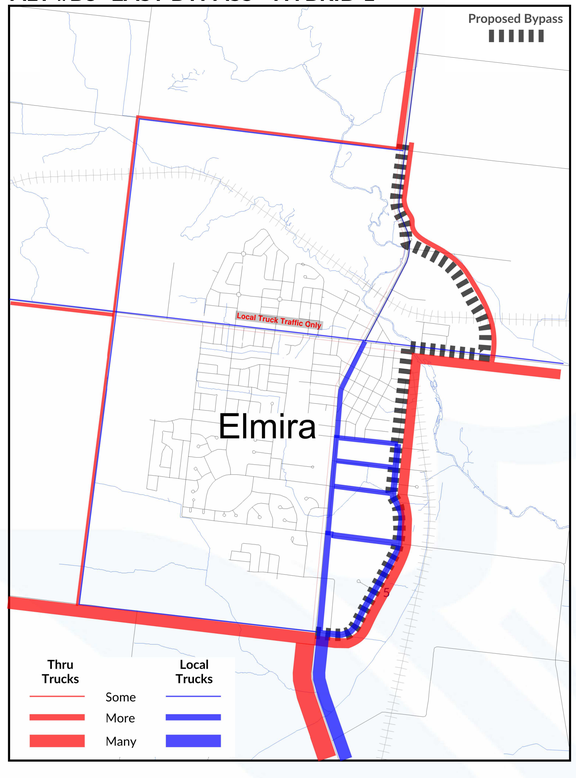
Thru Trucks from the west would utilize Listowel Road to travel south towards Waterloo, or would carry on along the East Bypass Road to travel east of Elmira

Approximately 5% of trucks from the north, east and west that are considered local traffic and have destinations within Elmira will continue to travel thru the downtown core.

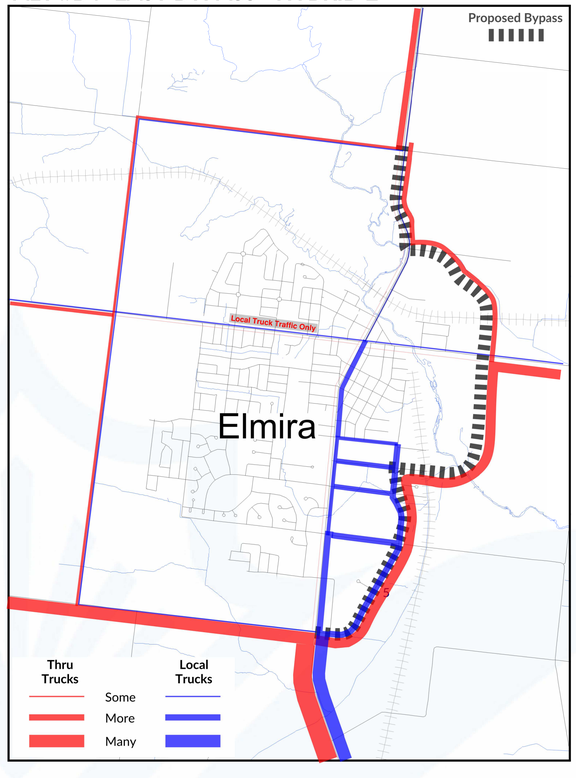
ALT #B2 - EAST BYPASS - NEW CORRIDOR



ALT #B3- EAST BYPASS - HYBRID 1



ALT #B4- EAST BYPASS - HYBRID 2



Region of Waterloo
Associated Engineering

Arthur Street Improvements & Elmira Bypass EA

Summary of Bypass Effectiveness on Truck Traffic