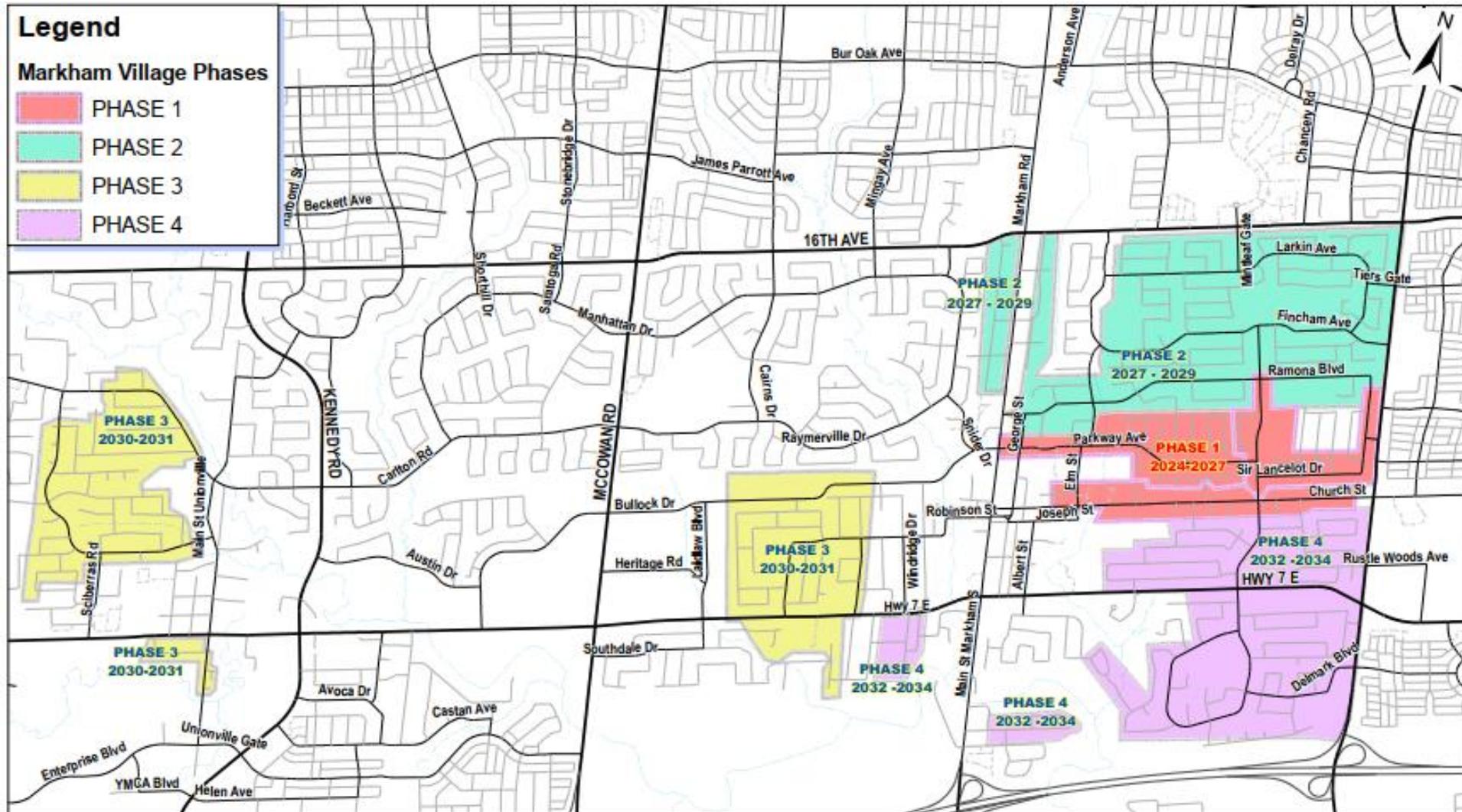


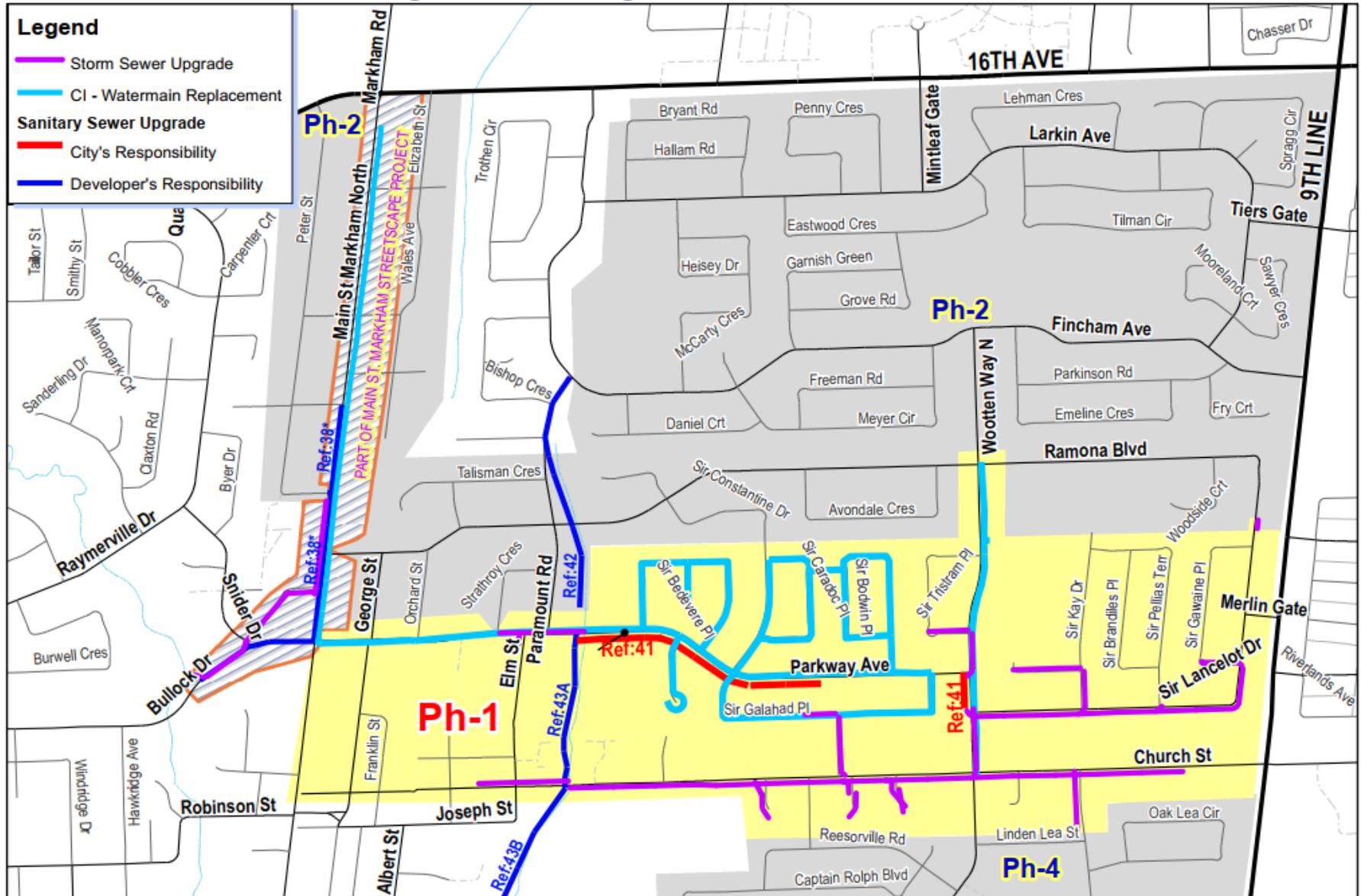


Markham Village Phases





Project Area - Phase 1





Phase 1A Improvements

Proposed works include:

New storm sewer upgrades and road reconstruction including:

- ***Church Street*** (from east of Rose Way to west of Elm Street);
- ***Sir Isaac Gate***: (south half from Church Street);
- ***Jack Court***: (Full length);
- ***Judy Court***: (Full length);
- ***Jill Court***: (Full length);
- ***King Arthurs Court***: (25 m south of Church Street);
- ***Rose Way***: (from Church Street to Linden Lea Street).



Typical Storm Sewer Installation





Managing Traffic During Construction

Roads Closure:

- Access for emergency vehicles will be maintained,
- Provisions will be made for collection of solid waste and recycling materials.

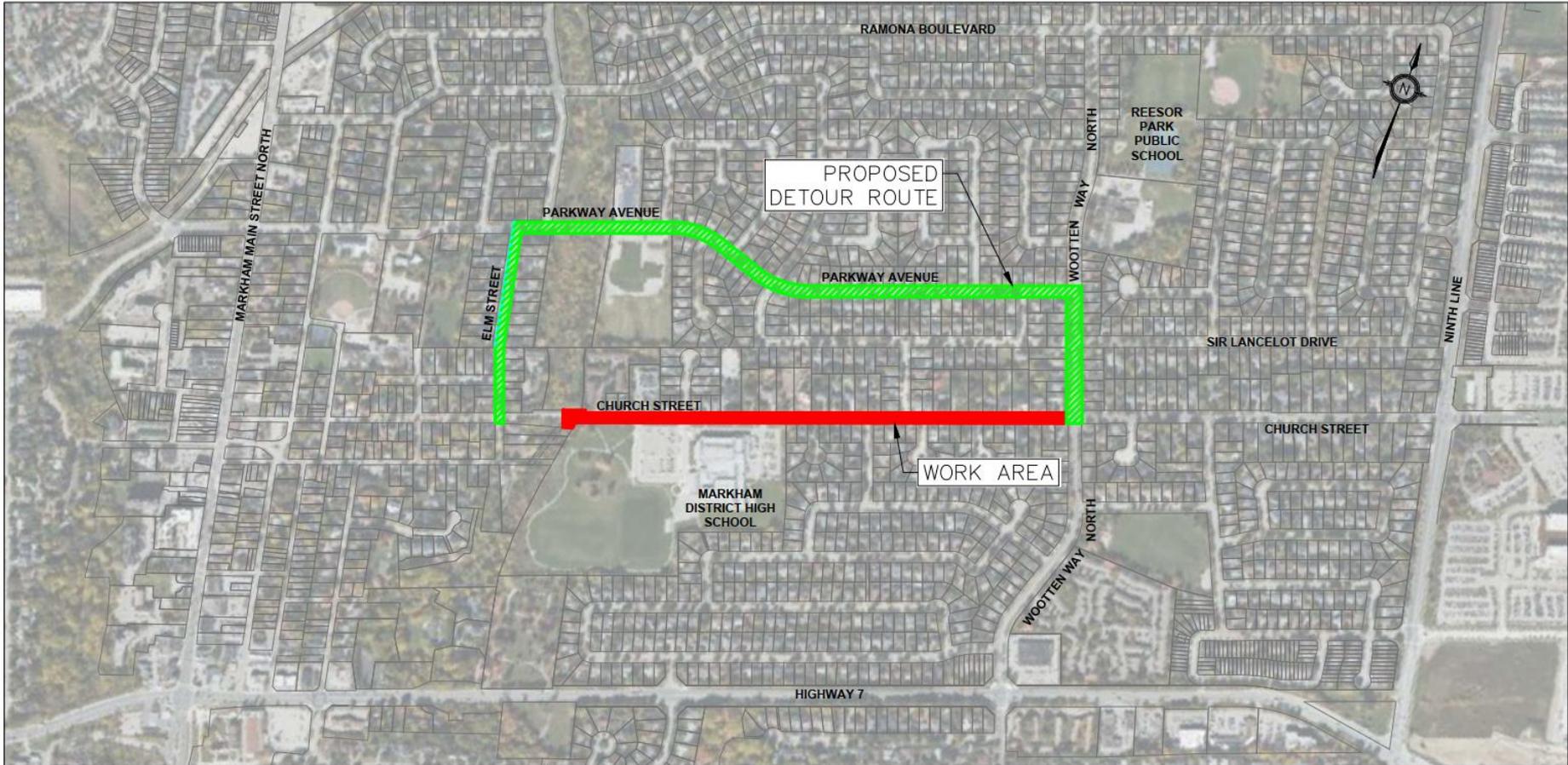


Roads	Full Closure*	Partial Closure
Church St.	Yes	-
Jack Court	-	Yes
Judy Court	-	Yes
Jill Court	-	Yes
Sir Isaac Gate	-	Yes
King Arthurs Court	-	Yes
Rose Way	-	Yes

* Only Local Traffic will be allowed



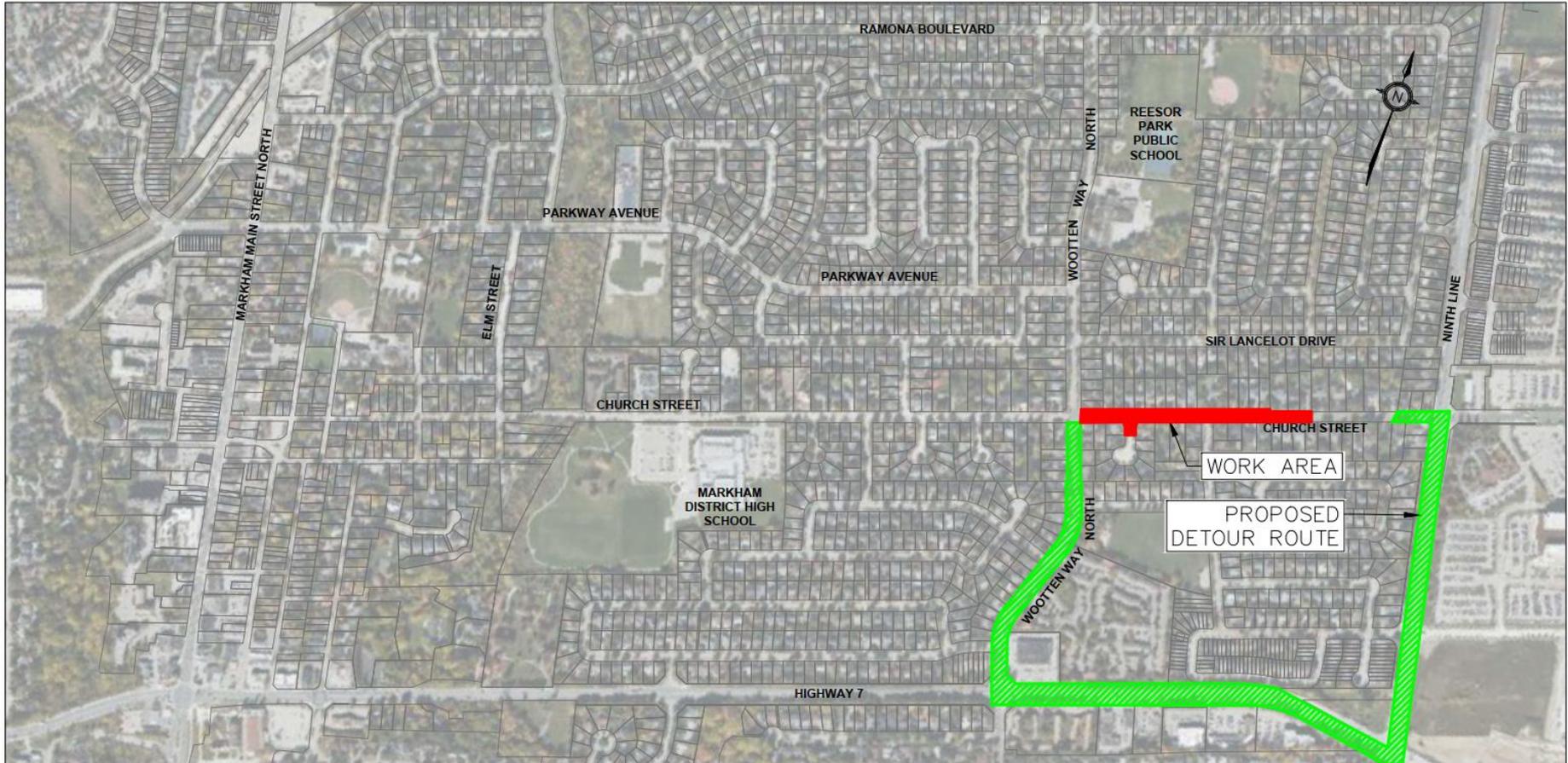
Managing Traffic During Construction



TRAFFIC DETOUR PLAN 1
CHURCH STREET CLOSURES BETWEEN MOUNT JOY CREEK AND WOOTTEN WAY NORTH
SCALE 1:5000



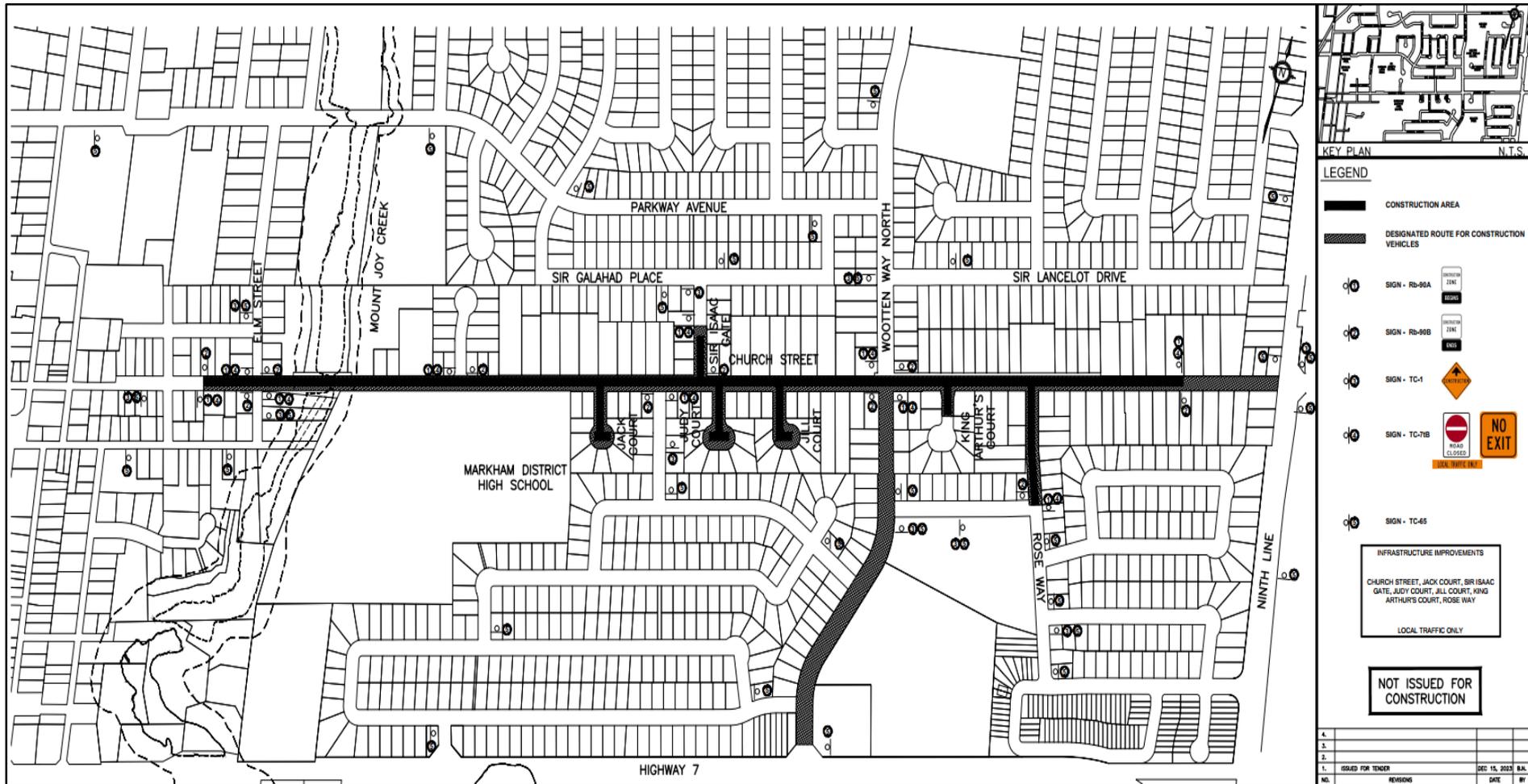
Managing Traffic During Construction



TRAFFIC DETOUR PLAN 2
CHURCH STREET CLOSURES BETWEEN WOOTTEN WAY NORTH AND NINTH LINE
SCALE 1:5000



Markham Village Phase 1A Work Area & Designated Route for Construction Vehicles





Driveway Access During Construction

- Some temporary disruption to driveway access should be expected during working hours, in the active construction area;
- Roadway will be restored at the end of each working day to restore driveway access, and
- Street parking restrictions will be waived to allow temporary street parking if required (e.g., during construction of new concrete curbs).





Winter Works

- The contractor may be required to work during winter period to accommodate storm sewer installation.
 - During this period, the contractor will be responsible for snow clearing per City standards.



Temporary Water Shut-offs

- Water shut-offs may be required during construction to transfer water supply to relocated watermains;
- Shut-offs will typically be 3-4 hours in duration; and
- Affected residents will be given 48 hours notice.





Controlling Noise, Dust, Mud and Sediment

To mitigate impacts of noise, dust, mud and sediment wash-off, the contractor is required to:

- Adhere to Markham's noise by-law (work hours, sound levels);
- Limit dust by applying water and dust suppressants;
- Limit mud by street sweeping, and
- Adhere to the sediment and erosion control plan in the construction contract.





Maintaining Public Services

- Fire and Emergency services will be notified of road closures;
- Solid waste collection will be co-ordinated with the Contractor, and
- School bus service will be maintained during construction but will be re-routed if required.





Pre-Construction Home Inspection

As recommended in the Feasibility Study Report, a pre-construction home inspection survey will be offered free of charge to homeowners adjacent to construction to provide a record of conditions prior to construction.



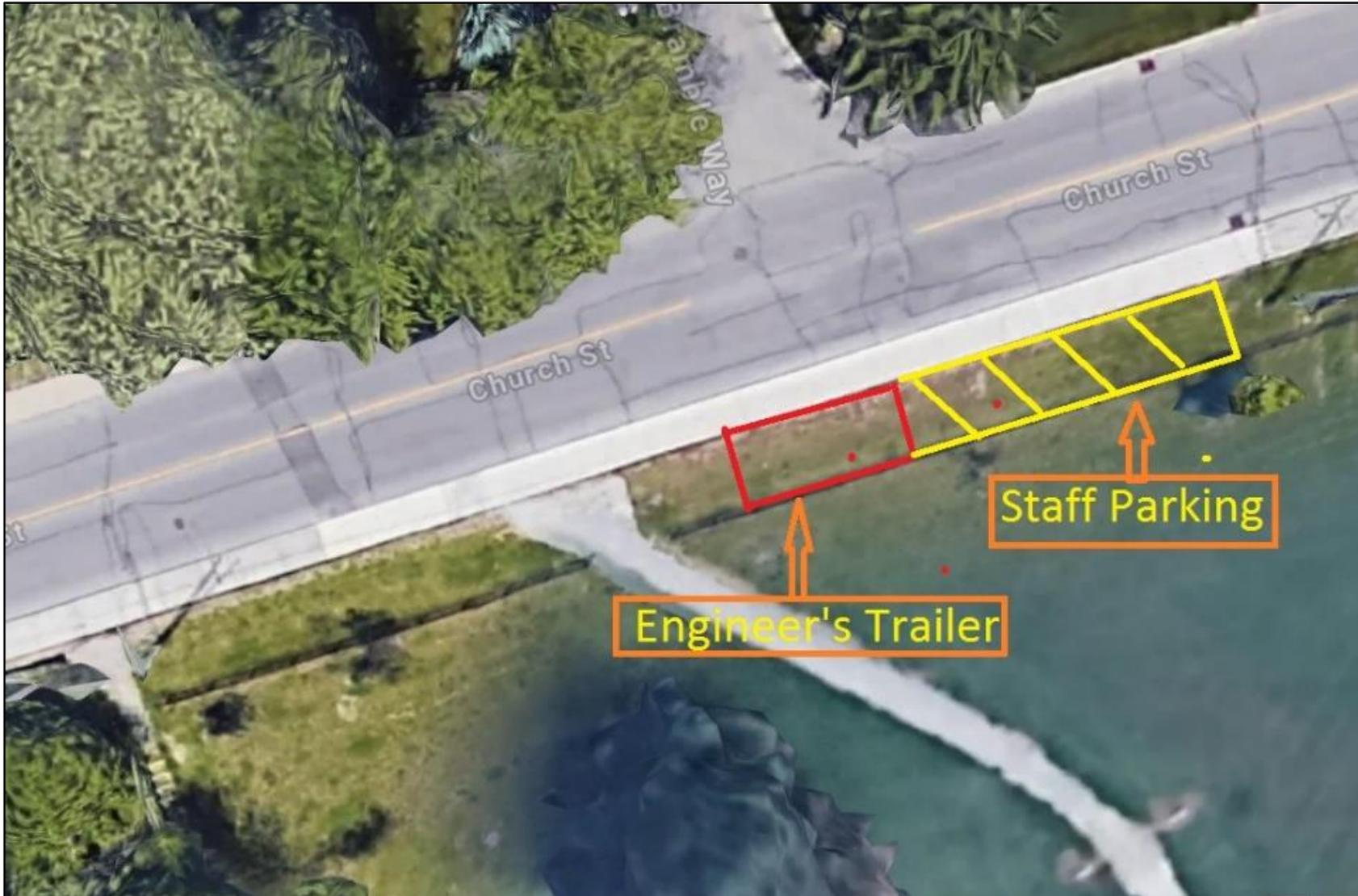


Protecting Trees / Tree Pruning

- Trees along the construction area will be protected from damage by construction equipment with fencing, according to City standards;
- As noted in the Feasibility Study Report, tree removal along the sewer alignment will be avoided to the extent possible;
- Tree pruning along work areas is required to facilitate construction. Pruning will be supervised by a certified arborist and will be done in accordance with the City's requirements, and
- For construction of outfall upgrades at Mount Joy creek, some of existing trees will be removed. Extensive replanting will be completed following construction.



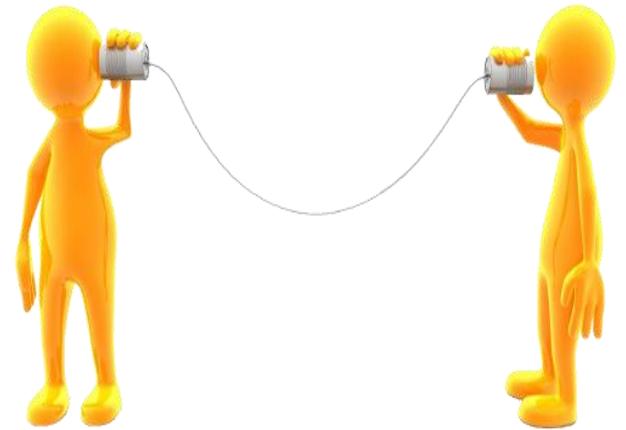
Engineer's Site Office Trailer





Communication Plan

- Regular communication from the City to residents/businesses in the area (city website);
- Construction notices;
- Advanced notification of access; closure and disruption of services to residents;
- Designated contact person, and
- 24-hour emergency service.





Next Steps

- Anticipated Phase 1A construction start date, **mid-April 2024**,
- Anticipated Phase 1A completion date, **October 2026**
(Top Asphalt & Boulevard Restoration).

