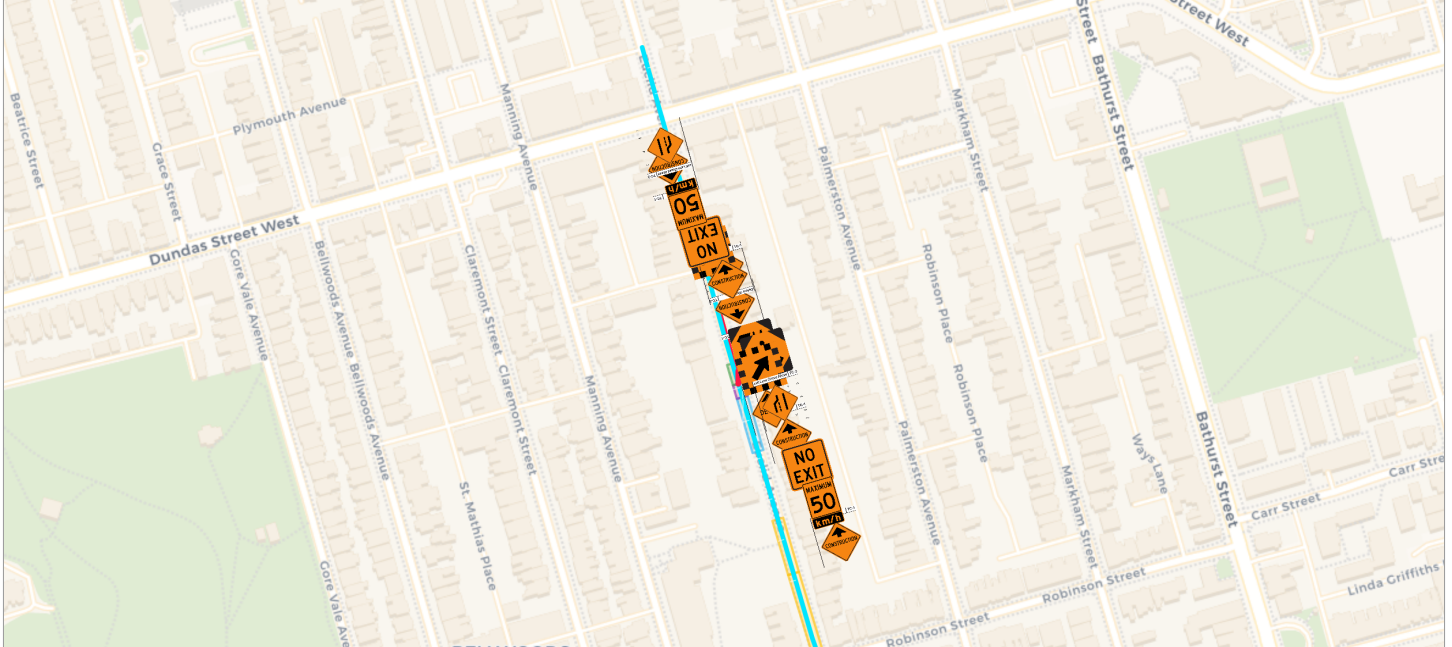


# Ontario Book 7 Traffic Control Plan

Project: a

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
## Site layout (satellite overhead)



Red = work zone · Yellow/blue/green = advance/transition/termination buffers · Orange diamonds = sign codes (TC/RA) · Purple dashed = tapers

OTM Book 7 engine plan: full road closure on local road at 40 km/h (excavation).

### Layout: Full road closure

Local OTM Book 7 engine  17 signs on 2 approach leg(s), shifting taper 30 m. Sign set chosen from work description, layout, activity, speed, and lanes (situational rules in otm\_book7\_rules.seed.json).

### Signage

Sign	Approach	Role	Chainage (m)	Segment
TC-002	opposite	workers_present	455	orn/1509824118/opposite
TC-001	opposite	advance_warning	485	orn/1509824118/opposite
TC-005A	opposite	detour_route	515	orn/1509824118/opposite
TC-007R	opposite	road_closed_barricade	534	orn/1509824118/opposite
TC-039	opposite	no_passing	545	orn/1509824118/opposite
TC-052	opposite	temporary_speed_limit	575	orn/1509824118/opposite
TC-010BL	opposite	construction_zone_begin	605	orn/1509824118/opposite
TC-015	opposite	road_closed_ahead	624	orn/1509824118/opposite

Sign	Approach	Role	Chainage (m)	Segment
TC-010BL	primary	construction_zone_begin	-145	orn/1509824118/primary
TC-052	primary	temporary_speed_limit	-115	orn/1509824118/primary
TC-039	primary	no_passing	-85	orn/1509824118/primary
TC-001	primary	advance_warning	-55	orn/1509824118/primary
TC-005A	primary	detour_route	-27	orn/1509824118/primary
TC-015	primary	road_closed_ahead	-19	orn/1509824118/primary
TC-002	primary	workers_present	-11	orn/1509824118/primary
TC-007R	primary	road_closed_barricade	-3	orn/1509824118/primary
TC-010EL	primary	construction_zone_end	76	orn/1509824118

### Tapers

- shifting  $\square$  30.0 m (OTM Book 7 Table 4.2 (local, 40 km/h))

### Buffer lengths (m)

Advance warning: 100.0, Transition: 40.0, Work area: 10.0, Termination: 30.0

### Checklist

- required: Buffer and taper lengths taken from bundled OTM Book 7 tables
- verifyOnSite: Supervisor to verify sign spacing, sight lines, and field geometry on site
- required: Post detour route signing (TC-005 / TC-005A) per approved diversion plan
- required: Verify road closed signing (TC-015 / TC-007) at closure and cross streets
- required: Regulatory lane/road closed signing (TC-005) placed per advance buffer

Generated by the on-device OTM Book 7 geometry engine for planning. Does not replace a qualified supervisor's site-specific assessment or road authority approval.