

10.0 TRANSPORTATION AND TRAFFIC

10.1 Traffic Signage

10.1.1 General

The proposed location of all traffic and advisory signs and pavement markings are to be clearly shown on the Traffic Management Plan (T.M.P). This plan shall be part of the complete engineering drawing set which must be approved by the Town of New Tecumseth.

Traffic signs may be fastened (with stainless steel bands) on existing and/or proposed light standards provided they are clearly visible and within the specified locations approved by the Town. Unassumed road signs shall be installed at all entrances to new subdivisions per Town of New Tecumseth standard drawing TNT.SD 603. Construction traffic barricades (i.e. "cars only" barricades) are to be installed at all subdivision entrance locations not designated as a construction access point.

10.1.2 Street Name Signs

TNT SD  
601 TO BE  
REVISED

All proposed street names for a new development are to be designated and approved by the Town of New Tecumseth. Street name signs shall be double sided and shall be installed at every intersection. The location and specific sign types and sizes shall conform to the Town of New Tecumseth standard drawing TNT.SD 601.

The following abbreviations for street name suffixes are approved by the Town of New Tecumseth and may be implemented on street name signs, if necessary:

- |             |         |
|-------------|---------|
| ○ Avenue    | Ave.    |
| ○ Boulevard | Blvd.   |
| ○ Circle    | Cir.    |
| ○ Court     | Crt.    |
| ○ Crescent  | Cres.   |
| ○ Drive     | Dr.     |
| ○ East      |         |
| ○ Gardens   | Gdns..  |
| ○ Gate      | Gate    |
| ○ Grove     | Gr.     |
| ○ Heights   | Hts.    |
| ○ Highlands | Hglnds. |
| ○ Lane      | Lane    |
| ○ North     | N.      |
| ○ Parkway   | Pkwy.   |
| ○ Place     | Pl.     |
| ○ Road      | Rd.     |
| ○ South     | S.      |
| ○ Square    | Sq.     |
| ○ Street    | St.     |
| ○ Terrace   | Ter.    |
| ○ Trail     | Tr.     |
| ○ View      | View    |
| ○ Way       | Way     |
| ○ West      | W.      |

Temporary street name signs and posts, approved by the Town, or permanent signs mounted on temporary posts, must be erected at intersections upon completion of the base course asphalt. These signs must be maintained in legible condition by the developer at all times. Permanent signs and posts must be in good condition prior to the start of maintenance and until assumption by the Town.

10.1.3 Traffic Control and Advisory Signs

Traffic control and advisory signs shall conform to the Town of New Tecumseth Standard drawing TNT.SD 601. Under special circumstances, where a unique location not covered by the standard drawing is to be utilized, the location must conform to the most recent versions of the Ministry of Transportation's "Ontario Traffic Manuals" or the "Highway Traffic Act Regulations for Ontario".

All traffic control and advisory signs shall be installed on the right-hand side of the roadway, at right angles to the flow of traffic that they intend to serve. Signs in any other position will be considered only as supplementary to the signs in the standard position. Speed limit signs shall be installed in accordance with the Town's Speed Limit Policy and applicable By-Law. All signs shall be installed upon completion of the base course asphalt and maintained in legible condition by the developer. Permanent signs and posts must be installed prior to the start of maintenance.

All signs to be manufactured in accordance with OTM book # 2 – Sign Design, Fabrication and Patterns and stamped with date (month/year) on sign face by manufacturer.

## 10.2 Pavement Markings

Pavement markings shall be clearly shown on the Traffic Management Plan (T.M.P) and shall be provided in accordance with the latest Ontario Provincial Standard Specifications and the Ministry of Transportation "Ontario Traffic Manual".

Pavement markings are required for the following conditions:

- lane separation (arterial roads)
- road centreline (minor collector roads and larger, industrial roads)
- turning lanes, including arrows (minor collector R.O.W. and larger)
- stop bars
- crosswalks
- islands or medians, as appropriate
- traffic control measures as required by the Traffic Impact Study.
- All permanent painted pavement markings shall be Hot Laid Thermal Plastic Durable Marking on top course with applicable OPSS restriction.

Temporary pavement markings are to be placed upon completion of base course asphalt and permanent pavement markings after the placement of top course asphalt.

## 10.3 Traffic Calming Measures

ADD SD  
PER  
STANTEC  
DETAIL

Traffic calming measures may be required as part of the engineering design of roadways where identified in the approved Traffic Impact Study. The design and application of traffic calming measures shall follow the "Canadian Guide to Neighbourhood Traffic Calming" by the Transportation Association of Canada.

Bump-outs are required in all new school zones per TNT. SD. #.

## 10.4 Traffic Signals

ADD MIN.  
REQUIREMENTS  
FOR SIGNALS

Traffic signals are to be implemented in accordance with the recommendations of the approved Traffic Impact Study.

## 10.5 Traffic Control Plan During Construction

For any work on existing roadways, a traffic control plan prepared in accordance with the Ontario Traffic Manual, Book 7 – Temporary Condition shall be required as part of the Town's Road Occupancy Permit.

## 10.6 Sign Materials

### 10.6.1 Rural Street Signs with 911 Indicators

As provided by the Town and generally as follows:

WHY 2 FONTS?

- To be 20mm (8") x 90mm (36") in size.
- 1.25mm minimum thickness of extruded exterior grade aluminium.
- Background to be 3M engineering grade reflective 'green' sheeting to show same colour by night as by day.
- Lettering to be 3M engineering grade reflective 'white / silver' sheeting.
- Font to be 'Gothic D' or 'Helvetica Medium'.

- 100mm (4") lettering for Street Name (i.e., Tottenham Road); 50mm (2") lettering for Suffix (i.e., ST., RD., ND for 2<sup>nd</sup>, RD for 3<sup>rd</sup>, TH for 4<sup>th</sup>, etc.); 50mm (2") lettering for 911 address (i.e., 3245); 50mm (2") lettering for Town Name (i.e., New Tecumseth).
- No holes are to be on sign, extruded.
- Street name to be on top line; 911 address and Town name to be on bottom line.

**10.6.2 Urban Street Signs << CONFIRM WITH DAVE WHAT TYPE OF SIGN POSTS ARE GOING IN IN THE FIELD – BREAKAWAY OR SINGLE POST)**

- Urban street signs and break-away posts to be in keeping with TNT. SD 601.
- Length of an appropriate blank size to accommodate name as per 10.1.2.
- 1.25mm minimum thickness of extruded exterior grade aluminium.
- Background to be 3M engineering grade reflective 'green' sheeting with lettering to be 3M engineering grade reflective 'white / silver' sheeting; double sided.
- 100mm (4") **Helvetica Medium/ Gothic Demi Font for Street Name** lettering for Street Name and 50mm (2") lettering for Suffix Abbreviation.
- **Blade length should be kept to a minimum and not to exceed 900mm (3')**
- 100mm **blank** for a Poppy if required **will be placed left of the Street Name**

**10.6.3 Double Sided Property Identification Signs (Rural 911 Signs)**

As provided by the Town and generally as follows:

- To be 150mm (6") x 300mm (12") in size.
- 1.50mm minimum thickness of extruded exterior grade aluminium.
- Background to be 3M engineering grade reflective 'green' sheeting to show same colour by night as by day.
- Lettering to be 3M engineering grade reflective 'white / silver' sheeting.
- Font to be 'Gothic D'.
- 100mm (4") minimum size for lettering
- Blank property identification signs to be pre-punched with two (2) – 6.5mm holes; one in the upper left corner and one in the lower left corner.

ONLY 1 FONT??  
RURAL SIGN  
HAS 2

**10.6.4 Poppy Decals**

As provided by the Town and generally as follows

- The poppy is to be 50mm (2") in size and to be outlined in black.
- The centre of the poppy is to be black.
- It is to be made of reflective material.

**10.6.5 Mini Square Posts for Rural 911 Indicators?**

- Sign Posts are to be square, 2100mm (7") in height, complete with all necessary hardware.
  - Diameter?
  - Material?