

Generic TGS Selection Program

The concept of Generic Traffic Guidance Schemes (TGSs) for repetitive and routine maintenance tasks is encouraged and supported by Australian Road Agencies. It is recognised that for many tasks, development of a site specific TGS for every work activity at every site by a Traffic Management Designer is likely to be overly onerous.

Commercially available Generic TGS documents may contain a set of up to 100 diagrams. These often do not include details for common situations such as working near intersections.

The Solutions in Transport Generic TGS Selection Program has the ability to generate TGSs for over 10,000 scenarios including every speed limit, varying road layouts and a wide range of intersection configurations to cater for most types of urban and rural sites. Options can be generated for static work sites and for every Short-Term Low-Impact scenario making this tool perfect for all levels of government, contractors, and all types of road works.

All TGS and selection process designed by

Dr Dan Sullivan

RPEQ (18526)
TMD - Open 001

Founding Director
Solutions in Transport



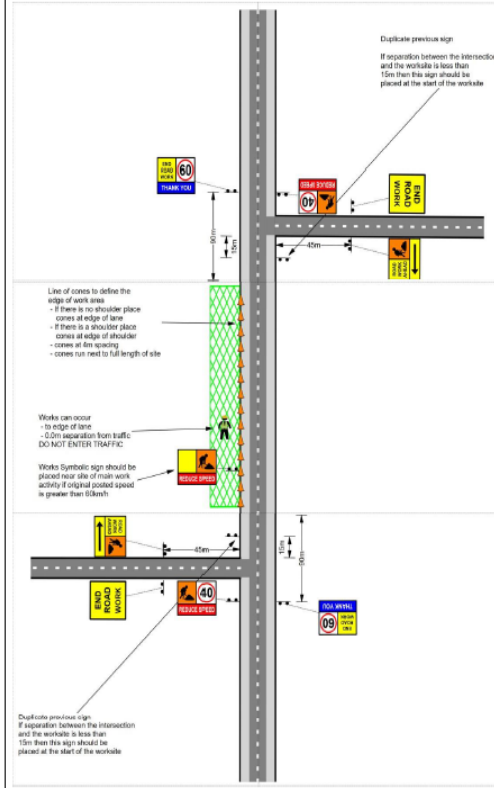
TGS designs and the TGS selection process are fully compliant with the QLD MUTCD Part 3 and QGTTM.

Layout options available include;

- 2 Lane—2 Way roads / Multilane roads
- Speed limits from 40km/h to 100km/h
- Divided or undivided roads
- Residential streets
- Intersection islands

Simple to follow electronic selection process can be carried out by any TMI or TMD qualified person.

Sample TGS
Static Worksite, 60 km/h posted limit, 2 Lane - 2 Way road
T-intersection on the left on the approach to the worksite
and T intersection on right on the departure from the worksite. Works on the verge within 1.2m of traffic lanes



DISCLAIMER:
This TGS is restricted to use by trained staff only for road and drainage maintenance and landscape tasks as discussed in project workshops. In other situations, generic TGS's generated must be signed off by a TMD.

The Solutions in Transport Generic TGS development program (Version 2.4) is authorised for use by trained staff only

Solutions in Transport Pty Ltd and Dr Dan Sullivan are not liable for any use other than as specified above.

Street: Gem Road
Suburb: Kenmore
Location/cross street: Chainage 230m

Record the following information in the WORK ORDER COMPLETION NOTES
- Time and Date TGS was implemented & removed
- Name and TMI number of implementer(s) responsible for the TGS implementation and operation at the site
- Site photographs
- Weather / lighting conditions
- Details of any incidents
- other details as required in record keeping

Implementation Notes:

TGS Selection completed by		Generic TGS no.	
Name	Dan Sullivan	ST-2W-1-2102-5	
TMI / TMD Qual.	TMD Open 001	Generated	27/07/2021 14:48
DESIGNER		Client	
Dr Dan Sullivan		Your logo	
Solutions in Transport Pty Ltd		Work Order #	
TMD OP 1 / RPEQ 18526		MN12345678-1	

For pricing and enquiries, contact
Dr Dan Sullivan at
Solutions in Transport Pty Ltd

Operations
Generic TGS Selection Program (Version 2.4b)
 Developed by Dr Dan Sullivan
 Founding Director, Solutions in Transport Pty Ltd

Your logo

Solutions in Transport developed this Generic TGS Generator for Road and Drainage Maintenance Operations. It has been designed to select generic TGS for tasks associated with Road and Drainage Maintenance and Landscape Maintenance activities.

Use of this tool is strictly restricted to use by trained staff only. This program's use for activities other than road and drainage maintenance and landscape tasks has not been evaluated and the TGS generated may not be suitable for those activities. In situations other than those this tool has been specifically designed for, the design and suitability check for use of the generic TGS generated must be carried out and signed off by a qualified Traffic Management Designer (QLD). Solutions in Transport Pty Ltd and Dr Dan Sullivan will not be liable for any use other than those specifically discussed in workshops for this project.

Any use of this program by any or any other organisation or person not employed by Solutions in Transport Pty Ltd will be considered a breach of copyright as owned by Solutions in Transport Pty Ltd. Solutions in Transport will not be liable for any use of this tool or the TGS generated in the event there is any breach of copyright.

To use this TGS selection program you will need to complete each of the following steps.

- Step 1** You are required to enter your name and TTM qualification details. These details are recorded on the generic TGS generated. If these details are not correctly entered the TGS may be considered invalid and not suitable for use.
- Step 2** Enter the site location details and Work Order number for publication on the generic TGS generated.
- Step 3** Preliminary questions are asked regarding the site details and works activities to allow selection of available TTM options.
- Step 4** Suitable short term and static TTM options are presented. For each short-term low-impact option, further evaluation questions are asked with the selection criteria. Once this has been completed, the preferred option can be selected.

Additional questions about the site layout and details of the works are to be answered to finalise the building of the generic TGS. You then create your generic TGS

CLICK HERE to agree to conditions and START TGS generation

For feedback, questions and more information - use [Solutions in Transport Contact Form](#)

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Step 1 Your Details | **Step 2** Site Details & Prelim Questions | **Step 3** TTM Options | **Step 4** TGS Selection

This information is required prior to starting the TGS selection process to ensure that the relevant details of the person using this tool are captured in the generated TGS

Details of the person using this TGS Selection Tool
 This information will appear on the TGS generated for your site

Your logo

Step 1 Your Details | **Step 2** Site Details & Prelim Questions | **Step 3** TTM Options | **Step 4** TGS Selection

This information is required to ensure that all relevant site details are captured in the generated TGS

You can choose to either
 A) Retain previous responses and change only those you need to (Best for site similar to your last site)
 OR
 B) Delete all answers to start selection process from start (Best for sites different to your last site)

Clear all previous responses

Easy to follow process.
 Users are guided step-by-step through a series of questions.
 TGS diagram can be drawn to meet the features of most sites in only a couple of minutes.

Site Location - details of where the works are being carried out
 This information will appear on the TGS generated for your site

Locality where the site is located [Dropdown: Moggill Road]

Road where the works are being set [Dropdown: Road]

Specific location details [Dropdown: Chainage 230m]

Work Order Number
 Used in the file name for the TGS generated.
 If number has been used before, next available suffix will be added to end when TGS is generated.
 MN [Dropdown: 12345678]

Site Layout - type of road and speed limit
 This information will be used to identify the TTM options which may be suitable for further evaluation

Q1 - Select the posted speed limit on the road - Click image to select

40 50 60 70 80 90 100

Q2 - Select if the works are
 - On a road between intersections - select the type by clicking an image
 - Or are on the islands at an intersection - Click intersection image

Select Road Type

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Generic TGS Selection Program

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Step 1 Your Details | **Step 2** Site Details & Prelim Questions | **Step 3** TTM Options | **Step 4** TGS Selection

This Step displays the shortlist of available TTM Options for final review and selection

You can choose to either
 A) Retain previous responses and change only those you need to (Best for sites similar to your last site)
 OR
 B) Delete all answers to start selection process from start (Best for sites different to your last site)

Clear all previous responses

Click Button on Right

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Street
 Moggill Road
 Suburb
 Chapel Hill
 Location/cross street
 #545

Record the following information in the WORK ORDER COMPLETION NOTES
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 - Site photographs
 - Weather / lighting conditions
 - Details of any incidents
 - other details as required in record keeping

Implementation Notes:

TGS Selection completed by
 Name: Dan Sullivan
 TMI / TMD Qual: TMD Open 001

Generic TGS no. ST-MLD-2-2408-1
 Generated: 27/07/2021 17:11

DESIGNER
 Dr Dan Sullivan
 Solutions in Transport Pty Ltd
 TMD OP 1 / RPEQ 18526

Client: **Your logo**

Work Order # MN09876564-1

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Generic TGS Selection Program

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Step 1 Your Details | **Step 2** Site Details & Prelim Questions | **Step 3** TTM Options | **Step 4** TGS Selection

AGTTM03 - Static Worksite 2L2W - Works on Verge or Shoulder

You can choose to either
 A) Retain previous responses and change only those you need to (Best for a site similar to your last site)
 B) Delete all answers to start selection process from start (Best for sites different to your last site)

Delete previous responses

Design Questions

A) Proximity to traffic. How close will workers be to traffic?
 1.0 - 1.2m | 1.2 - 1.4m | less than 1.2m
 3.0 - 4.0m | >4.0m

B) Is there an intersection on the approach within 30m of the start of the worksite? Click image below to select
 No intersection | T on Left | T on Right | 4 Way intersection | T at road end
 Yes - T intersection on left side

C) Is there an intersection on the departure within 30m of the end of the worksite? Click image below to select
 No intersection | T on Left | T on Right | 4 Way intersection | T at road end
 Yes - T intersection on right side

Implementation Notes (optional) - Additional comments or implementation requirements to be included on the TGS

Return to Step 3 Option Selection | **Step 4 - completed. Ready to Generate TGS** | **Generate TGS**