

Solutions



Transport

THE ECOSYSTEM OF TTM

DR DAN SULLIVAN



DAN SULLIVAN

- 30 years in TTM industry
- Austroads Safety at Road Worksites Project – Project Manager (2015-20)
- Specialist advisor to State / Territory / Local Government, industry bodies and private organisations
- Advocate for achieving safer outcomes at roadworks sites



WHERE THE AUSSIE JOURNEY STARTED

- 2011 - 2013 Significant road repairs across QLD
- TTM on nearly every major road Statewide
- New TTM companies / rush to train new staff
- Outcomes
 - Significant increase in serious crashes
 - A number of fatalities of workers and the public
- Road authorities identified a need for improvement



COMMON INDUSTRY MESSAGES

- Difficult to get TTM right - Guidance confusing / poor
- Training - not really ensuring skills are learnt
- Trainers - passing students to get the \$\$
- New companies - not compliant, cut costs and skimp on training and equipment
- Contractors / road agency staff instruct us to just make it up or change things on site
- It's all the driver's fault
- Why don't the Police enforce roadworks sites



AUSTROADS PROJECT

- Austroads Board initiated “Strategic Priority Project”
 - Research into National and International Best Practice
 - Promote adoption of harmonised training
 - Update Australian Standard
- NZ practice recognised as significantly better
- Updated Austroads project
 - Guide to TTM
 - Harmonised National training
 - Registration scheme
 - Company prequalification



WHAT ELSE HAS BEEN HAPPENING?

- Traffic Management Association of Australia (TMAA)
 - Online safety videos in Partnership with Government & CCF
 - Input in development of training and guidance
 - Advocacy with government ministers
 - Ongoing training and development opportunities for industry
- Roads Australia
 - Road worker safety policy



BUT STILL – TTM STAFF DO NOT FEEL SAFE

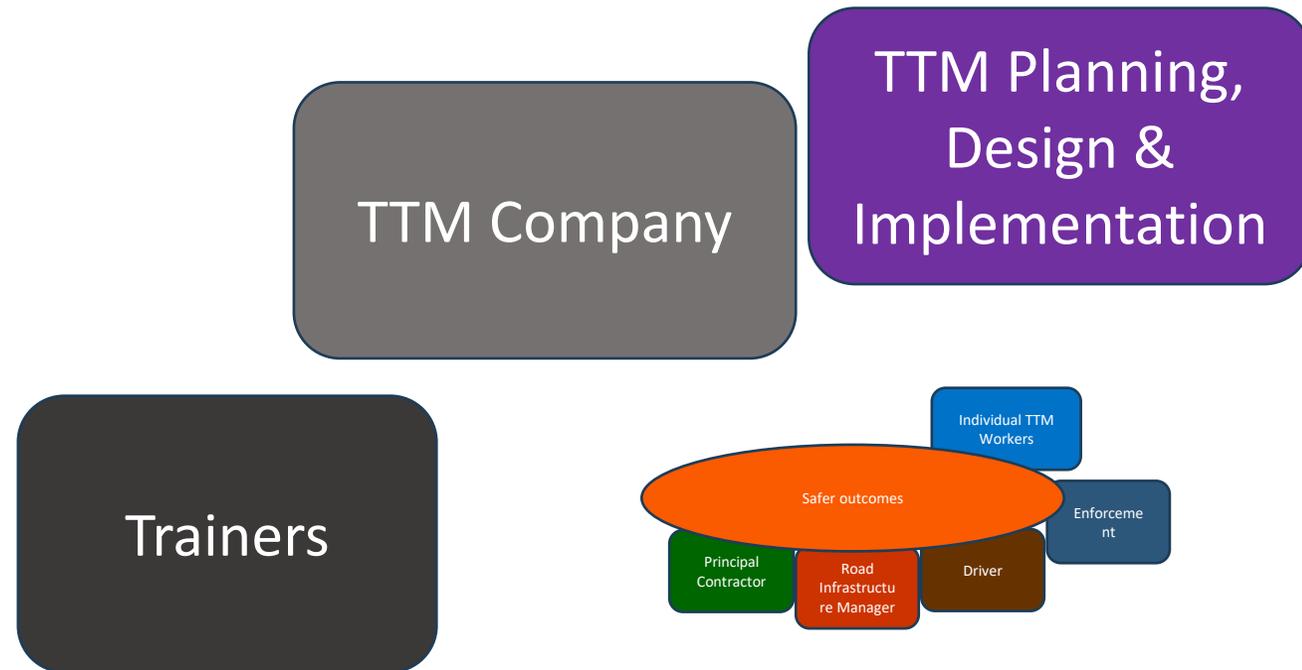


THE SAFETY ECO SYSTEM



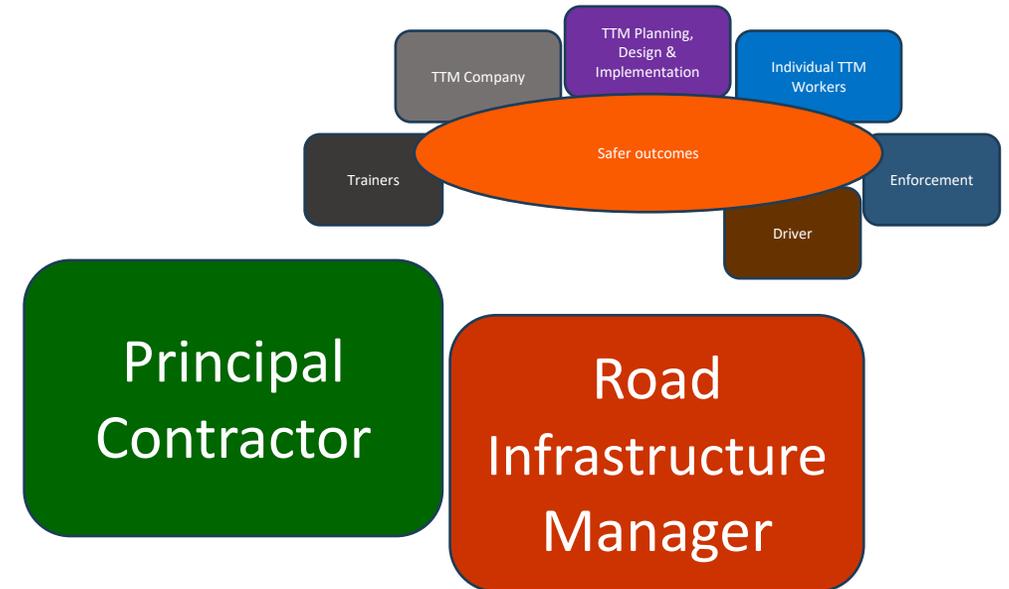
TTM COMPANIES, TRAINERS AND TTM DELIVERY

- Austroads Project - Focussed on getting TTM right
 - Guidance
 - Enhanced & harmonised training
 - Prequalification of companies
- My ongoing work
 - Development workshops
 - Training in use of Generic Diagrams
 - Training in Risk Assessment
 - Latest innovations / developments
 - Generic TTM diagram selection
 - Business efficiency reviews

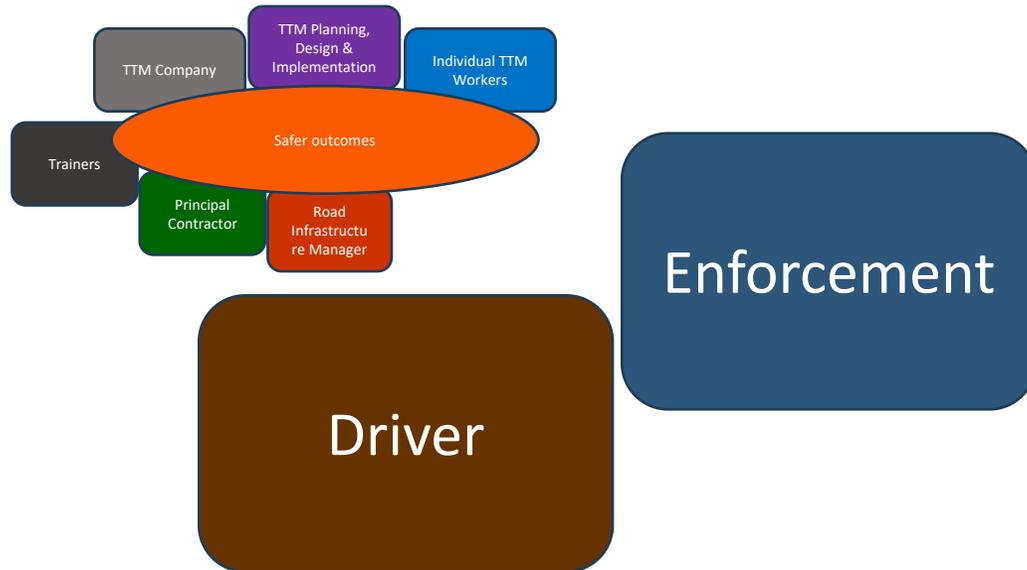


CONTRACTORS / ROAD AUTHORITIES

- These groups need to
 - Understand TTM requirements
 - Work more closely with TTM providers
 - Ensure project constraints don't restrict safer options
 - Focus on optimal TTM safety
- My ongoing work
 - Roles of TTM staff
 - Limits on what can be changed on site
 - Scoping projects to allow for TTM
 - Encouraging early engagement with TTM



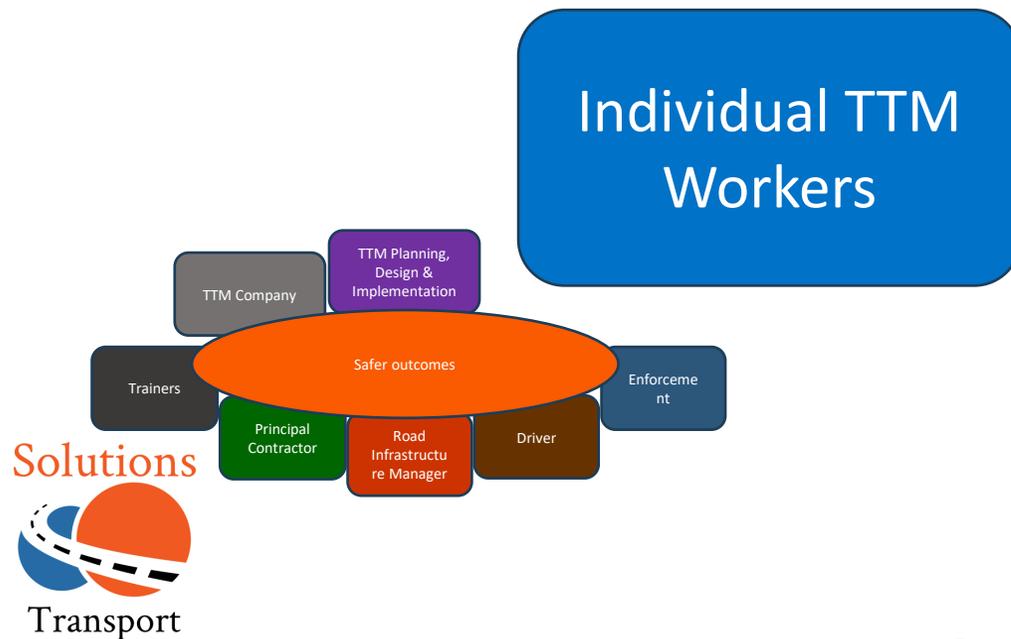
DRIVERS / ENFORCEMENT



- Drivers
 - Respect for roadworkers
 - Comply with speed limits
- Enforcement
 - Driver performance - Police
 - TTM compliance – Road authorities
- My ongoing work
 - Guidance - surveillance at roadworks
 - Getting speed limit signs right so that Police can enforce
 - Learner driver education

TTM WORKERS

- Focus on personal safety
- My ongoing work
 - Look out for yourself / Look out for your mates
 - Safest practices
 - Be alert for driver non-compliance
 - Be alert for driver error
 - Less complacency
 - Roadworker safety videos
 - New safety app “Roadworker”
 - Reminder tools for safe working
 - Latest alert notices
 - Incident recording



THE SAFETY ECO SYSTEM



KEY CONSIDERATIONS IN THE OFFICE

- Plan each job
- Design in accordance with guidelines
- Seek expert input when required
- Seek feedback and input
- Check each other's work
- Feedback from field staff
- Continuously improve skills



Manual of uniform traffic control devices

Part 3: Traffic control for works on roads



ACTIONS IN THE FIELD

- Take 5 & risk assessment
- Your personal safety – always
- Look out for your mates
- Raise questions if something doesn't make sense
- Escalate issues when you
 - see something unsafe
 - are asked to do something unsafe or not conforming with the agreed practices
- Lead by example – don't speed through other sites



**LET'S ALL CONTINUE WORKING
TOGETHER TO FIND BETTER
AND SAFER SOLUTIONS**



Solutions



Transport



THANK YOU!



DAN.SULLIVAN@SOLUTIONSINTRANSPORT.COM.AU



[HTTP://WWW.SOLUTIONSINTRANSPORT.COM.AU](http://WWW.SOLUTIONSINTRANSPORT.COM.AU)