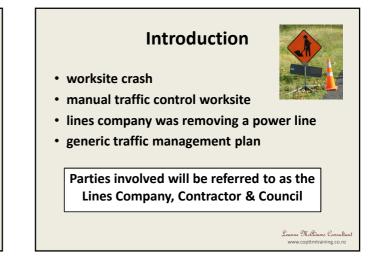
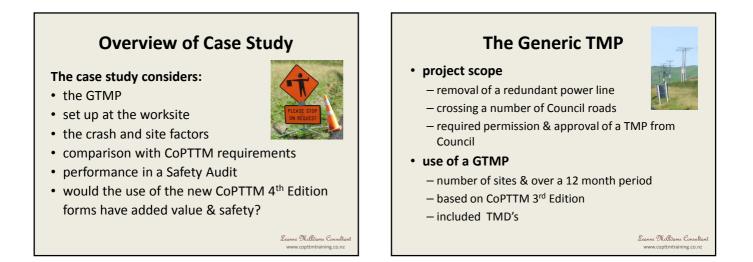
# Case study of a Crash at a Manual Traffic Control Worksite using a Generic Traffic Management Plan

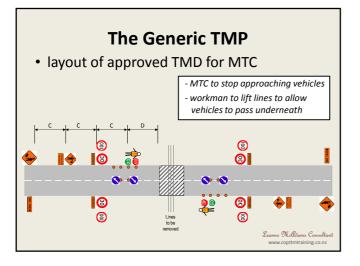


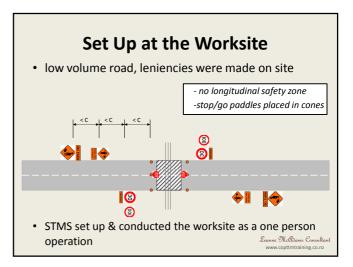
Author & Presenter: Leanne McAdams





ine McAdams Consulta





# **The Crash**

An approaching driver failed to stop:

- hit stop/go paddle
- crashed into the lines which were lowered across the road
- assessed speed of the vehicle 70km/h
- crash was non injury however potential for serious harm



Leanne McAdams Consulta









# Performance in a Safety Audit

### Summary of defects rated:

Items	Defect Points
sign spacing (too close)	12 (6 spacing's x 2 points for each sign)
sign on wrong side	8 (4 signs x 2 points for each sign)
Total SCR	20 'acceptable'

Additional items if Auditor had sighted TMP:

- absence of longitudinal safety zone, missing gated speed signs Items unable to rated:
- placing of paddle in cone, absence of MTC & cone threshold

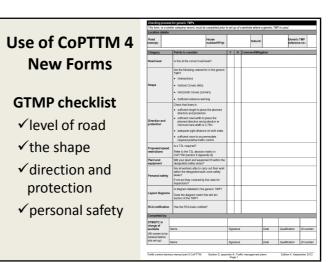
Would the site rate differently using CoPTTM 4?

• based on sighting of TMP the result is 'dangerous'

## **CoPTTM 4th Edition**

- Provides clarification:
  - minimum of five cones in the cone threshold
  - 'MTCs should maintain direct control of the stop/go paddle at all times (i.e. the MTC must not insert the paddle in a cone and walk away)'
  - New forms
    - GTMP checklist
    - Onsite record





# Use of CopTTMA is an analysis of the second sec

## Conclusions

#### **Issues identified as factors:**

- Use of a GTMP rather than Site Specific TMP
- Previous signs left out contributing to driver complacency
- Nature of the project (lines across the road)
- STMS did not follow 'Best Practice':
  - incorrect use of GTMP and TMD
  - Poor site set up
  - Lack of monitoring



## Conclusions

#### Use of CoPTTM 4 would have benefited the operation:

- the new GTMP checking form
- the new On-site monitoring record
- · requirement for a min. of 5 cones on approach threshold

#### In addition focus is provided in training material on:

- the use of the new forms
- record keeping requirements
- correct procedure for MTC operation

COPTTM 4 adds Value and Safety Seanne McClams Consulta

