

CASE STUDY: WARP TRAFFIC MANAGEMENT

How WARP Traffic Management reduced risks during a lane and shoulder closure on a complex 80km/h road worksite

BACKGROUND INFORMATION

WARP Traffic Management are experts in traffic control. Every now and then, a worksite presents additional complexities due to the nature and location of site. Traffic control operations at Anketell Road at Anketell, Western Australia was one such site.

A recent car accident on Anketell Road caused a potential environmental contamination that required clean-up and remedial works. Both the road shoulder and the east bound lanes were affected by the accident, both of which needed to be closed for the duration of the clean-up. The clean-up was expected to take 7 days and works were to take place around the clock until complete.



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IDENTIFIED ISSUE

What made this worksite complex and hazardous was that the existing road speed limit was 80km/h, coupled with a sharp bend in the road in the lead up to the eastern approach of the site. The worksite visibility was considerably hampered for motorists approaching from the easterly direction.

Despite the advance warning signs and the implementation of speed reduction from 80km/h to 40km/h, having a traffic controller standing on the road using the traditional stop/slow methods of traffic control presented an unnecessary safety risk.

Likewise contract workers on the worksite were vulnerable if a car failed to notice the temporary traffic control measures, particularly during night works.



THE SOLUTION – THE PORTABOOM® SYSTEM OF WORK

WARP Traffic Management identified the need to remove traffic controllers from the road and to provide protection to workers on the worksite due to the lack of visibility when approaching the worksite. WARP implemented the PORTABOOM® system of work on the worksite.

Using the PORTABOOM® system of work allowed the Traffic Controllers to operate the boom arm by remote control and stand off the road and out of the direct line of traffic rather than standing in the live lane as required in traditional methods of stop/slow. The PORTABOOM® unit also provided a physical barrier to worksite.

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THE OUTCOME

Traffic Control operations were successfully implemented at the site and the site contamination hazard was removed. There were no incidents to report for the duration of the works. Traffic Controllers were happy with the performance of the PORTABOOM® units throughout the works.

On the roads approaching to the worksite, Traffic Controllers observed improved driver behaviour as they were more alert to the workzone and more adherent to the reduced speed limits. Drivers approached the PORTABOOM® units with caution and were watchful of the signals shown by the boom arm.

On roads such as this, using traditional stop slow methods and portable traffic lights, it is common to experience drivers ignoring or unintentionally running the stop points. Using PORTABOOM® eliminated this occurrence. As a result, contractors working within the work zone felt an added level of safety as PORTABOOM® provided a physical barrier protecting them from distracted / disobedient motorists.



For more information
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