## Trafitec $K$

## Expert Meeting on Automated Video

 Analysis of Road Traffic ScenesTNO seminar, November 15-16, 2010

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## Trafitec

## About Trafitec

Trafitec is a consultancy firm that provide research and development services and innovative consultancy in the area of road safety, traffic management and traffic planning.

Our main expertise includes:

- Road safety
- Road user behavior
- Effect and evaluation studies
- Capacity and level-of-service
- Traffic operations
- Development of road standards



## Trafitec

## Video analysis

Used video analysis for many years
-Conflict technique
-Road user behaviour
-Traffic operation

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Traffic Conflict Technique


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Road user behaviour in 2-lane roundabouts

- Critical gap
- Follow up times
- Lane use


Road user behaviour - freeway workzone


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Signalised intersections


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Freeway - diverge section


Observe:

- Speed
-Lane use for vehicles turning left at the diverge section
-Vehicles crossing painted centreline / potential conflicts





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Freeway Weaving sections


Flow: Q11, Q12, Q13, Q21, Q22, Q23, Q31, Q32, Q33
Speed: V11, V12, V13, V21, V22, V23, V31, V32, V33



