

Defining Driver Distraction

John D. Lee

jdlee@engr.wisc.edu



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON

Distraction

diversion of attention from
activities critical for safe driving
toward competing activities

Lee, J. D., Young, K. L., & Regan, M. A. (2009). Defining driver distraction. In M. A. Regan, J. D. Lee & K. L. Young (Eds.), *Driver Distraction: Theory, Effects and Mitigation* (pp. 31–40)

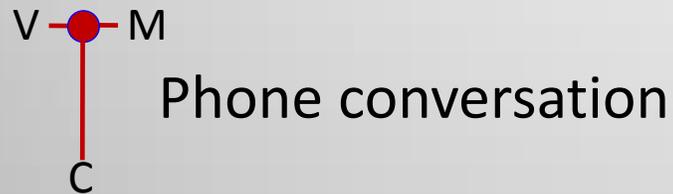
Diversion of **attention**

Attentional resources demanded

V - Visual demands

M - Manual demands

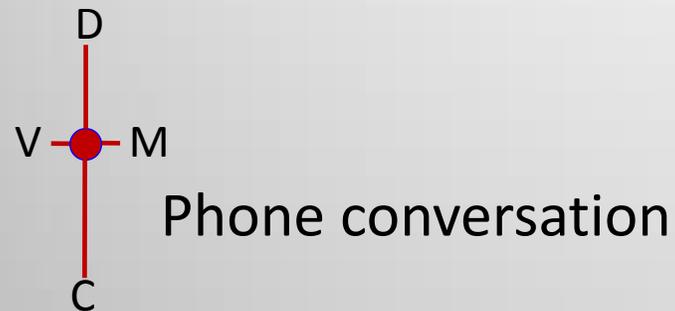
C - Cognitive demands



Diversion of attention

Internal and external diversions

D - Power of diversion



Activities critical for safe driving

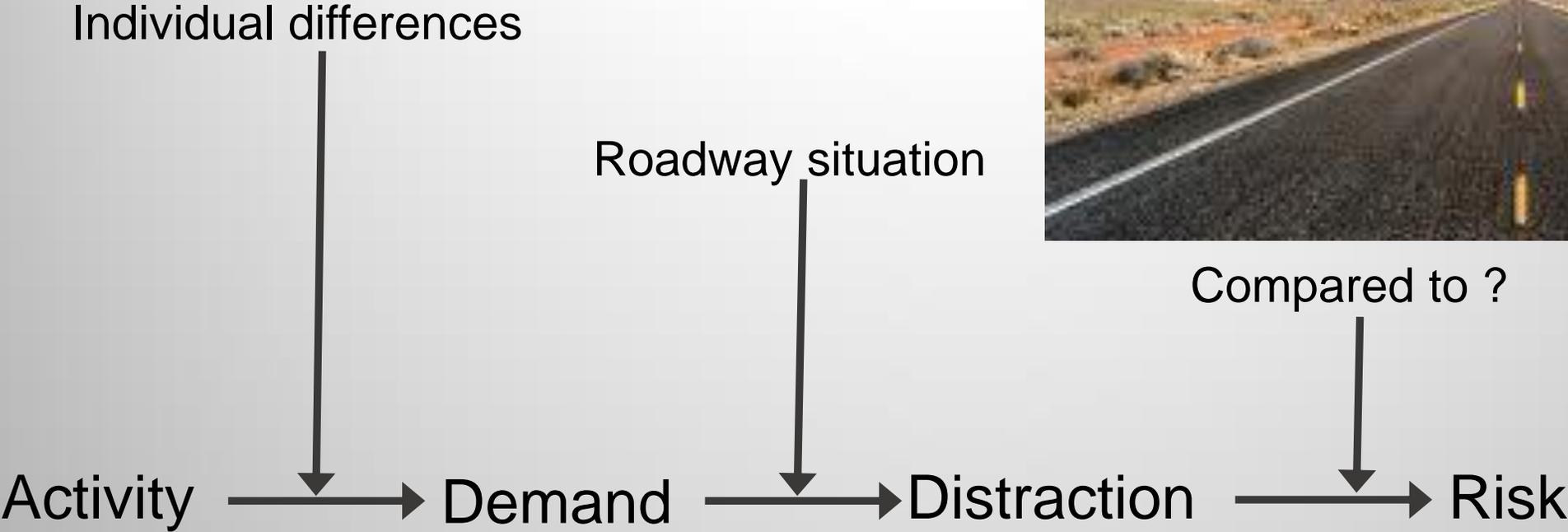


What competition leads to long, inopportune glances?

Activities critical for safe driving



Context



Context



Compensation



Driver distraction

diversion of attention from

activities critical for safe driving

toward a competing activity

