

REFERENCES

1. Bloomfield, J.R., Buck, J.R., Carroll, S.A., Booth, M.W., Romano, R.A., McGehee, D.V., and North, R.A. (1995). *Human Factors Aspects of the Transfer of Control from the Automated Highway System to the Driver*. Technical Report No. FHWA-RD-94-114. Washington, DC: Federal Highway Administration.
2. Bloomfield, J.R., Buck, J.R., Christensen, J.M., and Yenamandra, A. (1995). *Human Factors Aspects of the Transfer of Control from the Driver to the Automated Highway System*. Technical Report No. FHWA-RD-94-173. Washington, DC: Federal Highway Administration.
3. Bloomfield, J.R., Christensen, J.M., Peterson, A.D., Kjaer, J.M., and Gault, A. (1996). *Transferring Control from the Driver to the Automated Highway System with Varying Degrees of Automation*. Technical Report No. FHWA-RD-95-108. Washington, DC: Federal Highway Administration.
4. Bloomfield, J.R., Christensen, J.M., Carroll, S.A., and Watson, G.S. (1996). *The Driver's Response to Decreasing Vehicle Separations During Transitions into the Automated Lane*. Technical Report No. FHWA-RD-95-107. Washington, DC: Federal Highway Administration.
5. Bloomfield, J.R., Carroll, S.A., Papelis, Y.E., and Bartelme, M. (1996). *The Ability of the Driver to Deal with Reduced Capability in an Automated Highway System*. Technical Report No. FHWA-RD-96-067. Washington, DC: Federal Highway Administration.
6. Bloomfield, J.R., Christensen, J.M., and Carroll, S.A. (1995). *The Effect on Normal Driving of Traveling Under Automated Control*. Technical Report No. FHWA-RD-95-182. Washington, DC: Federal Highway Administration.
7. Levitan, L., and Bloomfield, J.R. (1996). *Drivers' Activities and Information Needs in an Automated Highway System*. Technical Report No. FHWA-RD-96-066. Washington, DC: Federal Highway Administration.
8. Bloomfield, J.R., Levitan, L., Grant, A.R., Brown, T.L. & Hankey, J.M. (in press). *Driving Performance After Half an Hour of Travel in an Automated Highway System*. Technical Report submitted to the Federal Highway Administration, under FHWA Contract No. DTFH61-92-C-00100.
9. Harms, L. (1993) "The Influence of Sight Distance on Subjects' Lateral Control: A Study of Simulated Driving in Fog." In: Gale, A.G., Brown, I.D., Haslegrave, C.M., Krusse, H.W., and Taylor, S.P. (Eds.), *Vision in Vehicles-IV*. New York: Elsevier Science Publishers B.V. (North-Holland), (pp. 109-116).
10. Kuhl, J.G., Evans, D.F., Papelis, Y.E., Romano, R.A., and Watson, G.S. (1995). *The Iowa Driving Simulator: An Immersive Environment for Driving-Related Research and Development*. *IEEE Computer*, 28, 35-41.

11. Kuhl, J.G., and Papelis, Y.E. (1993). A Real-Time Software Architecture for an Operator-in-the-Loop Simulator. *Proceedings of the Workshop on Parallel and Distributed Real-Time Systems*. Los Alamitos, CA: IEEE CS Press, (pp. 117-126).
12. van der Horst, A.R.A. (1984). *The ICTCT Calibration Study at Malmö: A Quantitative Analysis of Video-Recordings*. Report Number: IZF 1984-37. Soesterberg, The Netherlands: TNO Institute for Perception.
13. Janssen, W., and Nilsson, L. (1993). "Behavioral Effects of Driver Support." In: Parkes, A. M. and Franzén, S. (Eds.) *Driving Future Vehicles*. London: Taylor & Francis, (pp. 147-155).
14. May, A.D. (1990). *Traffic Flow Fundamentals*. Englewood Cliffs, New Jersey: Prentice-Hall.
15. May, A.D. (1965). *Gap Availability Studies*. Highway Research Board Record 72. Washington DC: HRB, (pp. 147-155).
16. Hawkins, R.K. (1988). "Motorway Traffic Behavior in Reduced Visibility Conditions." In: Gale, A.G., Freeman, M.H., Haslegrave, C.M., Smith, P., and Taylor, S.P. (Eds.), *Vision in Vehicles—II*. New York: Elsevier Science Publishers B.V. (North-Holland), (pp. 9-18).
17. Transportation Research Board. (1985). *Highway Capacity Manual: Special Report 209*. Washington, DC: National Research Council.
18. Wall, M. (1995). Motion Perimetry in Optic Neuropathies. In Mills, R.P., and Wall, M.(Eds.), *Perimetry Update 1994/95*. New York: Kugler Publications, (pp. 111-117).
19. Bloomfield, J.R., and Carroll, S.A. (1996). "New Measures of Driving Performance." In: Robertson, S.A. (ed.), *Contemporary Ergonomics 1996*. London: Taylor and Francis, (pp. 335-340).