

PUBLICATIONS: YASSER HASSAN

(a) Papers in Refereed Journals

- Abdelnaby, A. and Hassan, Y. Probabilistic Analysis of Freeway Deceleration Speed Change Lanes. *Transportation Research Record*, TRB, National Research Council, Washington, D.C., 2014, in press.
- Fatema, T., Ismail, K., and Hassan, Y. Validation Of A Probabilistic Model For The Design Of Freeway Entrance Speed Change Lane. *Transportation Research Record*, TRB, National Research Council, Washington, D.C., 2014, in press.
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- Kandil, K., Abd El Halim, A. O., Hassan, Y., and Mostafa, A. Investigation of the Effects of Different Polymer-Modified Asphalt Cements on Asphalt Mixes at Low Temperature. *Canadian Journal of Civil Engineering*, CJCE, Vol. 34(5), May 2007, pp. 589-597.
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(b) Submitted for Publication

- Kassim, A., Ismail, K., and Hassan, Y. Automated Measuring of Cyclist/Motor Vehicle Post Encroachment Time at Signalized Intersections. Submitted for publication in *Canadian Journal of Civil Engineering*.

(c) In Preparation

- Abdulsalam, A., Hassan, Y., and Abd El Halim, A.O. Effect of Automated Speed Cameras on Fatal Traffic Collisions in the State of Kuwait.

(d) Papers in Peer-Reviewed Conference Proceedings

- Abdelnaby, A., Albadi, Y., Ismail, K., and Hassan, Y. A Study of the Safety Impact of Speed Limit Reduction on Abu Dhabi Freeways. Proceedings, *93rd Annual Meeting of the Transportation Research Board*, Washington, DC, January 12-16, 2014, Paper No 2014-5667.
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- Kassim, A., Ismail, K., and Hassan, Y. A Methodology for Measuring the Severity of Cyclist/Motor Vehicle Conflicts at Signalized Intersections. Proceedings, Annual Conference, Canadian Society for Civil Engineering, CSCE, Montreal, Quebec, May 29 - June 1, 2013.
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(e) Papers in Abstract-Reviewed Conference Proceedings

- Abd El Halim, A.O., Kassim, A., Hassan, Y., Goodman, G., and Lee, W. Use of Lightweight Deflectometer for Monitoring Field Curing of Cold In-Place Recycled Mixes. Proceedings, *56th Annual Conference of the Canadian Technical Asphalt Association (CTAA)*, Quebec City, QC November 12-17, 2011, pp. 309-325.
- Goodman, S., Hassan, Y., and Abd El Halim, A.O. Estimating Asphalt Pavement Texture Depth Using Superpave Gyrotory Specimens and Mix Properties. Proceedings, *50th Annual Conference of the Canadian Technical Asphalt Association*, CTAA, Victoria, British Columbia, November 6-9, 2005, Vol. XLX, pp. 105-126.
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- El-Desouky, A., Hassan, Y., Abd El Halim, A.O., Razaqpur, A.G., and Farha, M. Improving Frictional Properties of Pavement Surfaces in Canadian Airfields through Asphalt Concrete Mix Design. Proceedings, *48th Annual Conference of the Canadian Technical Asphalt Association*, CTAA, Halifax, Nova Scotia, November 17-19, 2003, Vol. XLVIII, pp. 177-190.
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PRESENTATIONS

Presented over 50 technical presentations in national and international conferences including:

- *Airport Technology Transfer Conference*, Federal Aviation Administration (U.S.A.).
- *Al-Azhar Engineering International Conference* (Egypt).
- *Canadian Society for Civil Engineering Annual Meetings*.
- *Canadian Technical Asphalt Association Annual Meetings*.
- *First, International Symposium on freeway & Tollway Operations* (Greece).
- *International Conference of Applications of Advanced Technologies in Transportation*, American Society of Civil Engineers (U.S.A.).
- *International Conference on Civil and Architecture Engineering*, Military Technical College (Egypt).
- *Rilem International Conference on Pavement Reflective Cracking*.
- *Road Safety & Simulation RSS2007* (Italy).
- *Second Gulf Road Conference* (UAE).
- *Transportation Association of Canada Annual Spring Meeting*; Invited Presentation.
- *Transportation Research Board Annual Meetings* (U.S.A.).