

## References

1. Distress Identification Manual for the Long-Term Pavement Performance Studies, SHRPLTPP/FR-90-001, Strategic Highway Research Program, National
2. ASTM D6433 (2003) Standard Practice of Roads and Parking Lots Pavement Condition Index Surveys.
3. and Mark Justice. Shahin, M. Y. and Walther, J. A. (1990) Pavement Maintenance Management for Roads and Streets Using the PAVER System; USACERL Technical Report MO-90/05. July. U.S. Army Engineering Research and Development Center-Construction Engineering Research Laboratory (ERDC-CERL), 2004. Micro PAVER Pavement Management System, 2004. e-mail: [paver@cecer.army.mil](mailto:paver@cecer.army.mil) web: [www.cecr.army.mil/paver](http://www.cecr.army.mil/paver)
4. Asphalt maintenance MS-16, asphalt institute.
5. Ali G. A. and Al-Qatabi, "Efforts in Road Maintenance Management in Oman: Development and Sensitivity Analysis", in Proceedings International Conference on New Horizons in Roads and Road Transport, Vol. 1, ICORT-95, December 11-14, 1995.
6. Geoffrey, D. N. NCHRP Synthesis of Highway Practice 223: Cost-Effective Preventive List of common distress types in flexible pavement (Shahin, 1990).
7. Hicks, R. G., K. Dunn, and J. S. Moulthrop. Framework for Selecting Effective Preventive Maintenance Treatments for Flexible Pavements. In Transportation Research Record 1597, TRB, National Research Council, Washington, D.C., 1997, pp.1–10.
8. Manual for Condition Rating of Flexible Pavements - Distress Manifestation, G.J. Chong, W.A. Phang and G.A. Wrong; Reprinted January 1982.
9. Asphalt overlays for Highway and street Rehabilitation MS-17 Asphalt institute

10. Shahin, M.Y. Pavement Management for Roads, Airports, and Parking lots. New York: Chapman and Hill. 1994.
11. Shahin, M.Y, and Walthe J.A., “Pavement Maintenance Management for Roads and Streets Using the PAVER System”, U.S. Army Corps of Engineers Construction Engineering Research Laboratory Report M-90/05, July 1990. Transportation, St. Paul, MN, 1995, pp 697-700.
12. Shahin MY (2002). Pavement Management for Airports, Roads and Parking Lots. Kluwer Academic Publishers, Massachusetts, U.S.A.  
Terzi S (2006). “Modeling the Pavement Present Serviceability Index of Flexible Highway Pavements Using Data Mining”, J. Appl. Sci. 6(1): 193-197.
13. Pavement condition survey manual ,Sudan (2005)
14. Hass, R. and Hanson, W.R., “Pavement Management System”, McGraw Hill (1982).
15. The World Bank and Organization for Economic Co-operation and Development, “Road Monitoring for Maintenance Management, Manual for Developing Countries”, Vol. 1 (1990).
16. Shahin, Y., and Kohn, S., “Pavement Maintenance Management for Roads and Parking Lots”, Technical Report No. M-294, U.S. Army Corps of Engineers, Champaign, Illinois (1981).
17. Pavement management maintenance system for Sudan, FINAL REPORT, Noorconsult International A.S, October 1994