

**بسم الله الرحمن الرحيم**

**Sudan University of Science and Technology  
College of Graduate Studies & Scientific Research**

# **Effect of Superpave Restricted Zone and Type of Filler on Hot Mix Asphalt Performance**

**دراسة أثر منطقة سوبربيف المحظورة ونوع البدرة على  
أداء الخلطات الأسفلتية الساخنة**

**Thesis Submitted for Partial Fulfillment of MSc Degree in  
Civil Engineering (Highway and Transportation)**

**June 2011**

***Prepared by: \_***

**Ibrahim Mohamed Ahmed Abass**

***Supervised by: \_***

**Prof. Galal A. Ali**