

شبكة المعلومات الجامعية







شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها على هذه الأفلام قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار في درجة حرارة من ١٥-٥٠ مئوية ورطوبة نسبية من ٢٠-٠٠% To be Kept away from Dust in Dry Cool place of 15-25- c and relative humidity 20-40%



بعض الوثائـــق الإصليــة تالفــة



بالرسالة صفحات لم ترد بالإصل

BYaro



Ain Shams University Faculty of Engineering Public Works Department

THREE-DIMENSIONAL ANALYSIS OF HIGHWAY CONSISTENCY AND ITS IMPACT ON HIGHWAY CAPACITY

by

Eng. Gamal Mohamed Abdel Hamid Gibreel B.Sc., Civil Engineering, Ain Shams University, 1983 M.Sc., Civil Engineering, Ain Shams University, 1992 Assistant Lecturer, Department of Public Works Faculty of Engineering, Ain Shams University

A thesis submitted to the Department of Public works
Faculty of Engineering, Ain Shams University
in partial fulfillment of the requirements of the degree of
Doctor of Philosophy
in Civil Engineering

Supervised by

Prof. Dr. Ibrahim A. El-Dimeery
Professor of Transportation Planning and Traffic Engineering
Vice President, Ain shams University

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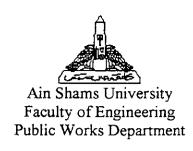
Cairo, Egypt July, 1999



أعوذ بالله من الشيطان الرجيم بسم اللها الرحمان الرحيام

سبحانك لا على الناسا الا ما علمتنال الناك أنت علمتنال الغياك الناك العلى على على على الغيال الغيال

صدق الله العظيم



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STATEMENT

This dissertation is submitted to Ain Shams University for the degree of Doctor of Philosophy in Civil Engineering.

The work included in this thesis was carried out by the author in the Department of Civil Engineering, Faculty of Engineering, Lakehead University, Canada, and the Public works Department, Faculty of Engineering, Ain Shams University, Egypt, from January, 1994 to July, 1999.

No part of this thesis has been submitted to a degree of qualification in any other University Institution.

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July 5, 1999

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