

CONTENTS

Unit Train/Great Lakes Bulk Ship Cost Comparison <i>by Edward A. Beimborn and Mohammed T. Soomro</i> (Urban Transportation Division)	545
Incinerator Residue in Asphalt Base Construction <i>by Joseph A. Haynes and William B. Ledbetter</i> (Highway Division)	555
Activity Based Transit Routing <i>by Thomas J. Ross and Eugene M. Wilson</i> (Urban Transportation Division)	565
Traffic Behavior on One-Way Signalized Arterials <i>by Robert L. Vecellio</i> (Urban Transportation Division)	575
Concrete in Transportation Construction (1891-1976) <i>by Gordon K. Ray</i> (Highway Division)	591
Busway Versus Rail Transit—A Land-Use Perspective <i>by Eric L. Bers and Peter Hotine</i> (Urban Transportation Division)	605
Fault Movement Effects on Buried Oil Pipeline <i>by Robert P. Kennedy, Andrew W. Chow,</i> <i>and Robert A. Williamson</i> (Pipeline Division)	617

→

This Journal is published bimonthly by the American Society of Civil Engineers. Publications office is at 345 East 47th Street, New York, N.Y. 10017. Address all ASCE correspondence to the Editorial and General Offices at 345 East 47th Street, New York, N.Y. 10017. Allow six weeks for change of address to become effective. Subscription price to members is \$10.00. Nonmember subscriptions available; prices obtainable on request. Second-class postage paid at New York, N.Y. and at additional mailing offices. EE, EM, TE.

The Society is not responsible for any statement made or opinion expressed in its publications.

Information System for Transportation Energy
*by Vasily Kouskoulas, Raymond E. Goodson,
and Jeffrey L. Staley*
(Urban Transportation Division) 635

TECHNICAL NOTES

Proc. Paper 13173

Traffic Generated Noise Models
by Paul J. Ossenbruggen
(Urban Transportation Division) 653

DISCUSSION

Proc. Paper 13169

Migration of Subgrade Salts Damages Thin Pavements,^a by Geoffrey
E. Blight (Nov., 1976).
by Arif Ajaz 661

INFORMATION RETRIEVAL

The key words, abstract, and reference "cards" for each article in this Journal represent part of the ASCE participation in the EJC information retrieval plan. The retrieval data are placed herein so that each can be cut out, placed on a 3 × 5 card and given an accession number for the user's file. The accession number is then entered on key word cards so that the user can subsequently match key words to choose the articles he wishes. Details of this program were given in an August, 1962 article in CIVIL ENGINEERING, reprints of which are available on request to ASCE headquarters.

^aDiscussion period closed for this paper. Any other discussion received during this discussion period will be published in subsequent Journals.