



DEPARTMENT OF TRANSPORTATION

NEWS

URBAN MASS TRANSPORTATION ADMINISTRATION

WASHINGTON, D. C. 20590

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UMTA 72-2
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An additional list of 30 research reports available for public use has been released by the Department of Transportation's Urban Mass Transportation Administration (UMTA).

The reports were prepared by faculty members and students who worked under grant support from UMTA's University Research and Training Program. The reports deal with a wide range of subjects, including the social, economic, political, psychological and engineering aspects of transportation.

A previous list of 33 research reports was made in July 1971. (See DOT Press Release 15971) Subsequent reports will be announced periodically by UMTA.

Copies of the research reports may be ordered from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22151. Orders should include the publication "PB" number, title and a \$3 check or money order for each report in hard copy and 95¢ for each report in microfiche. Checks should be made payable to the National Technical Information Service or just NTIS.

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A listing of the 30 reports follows:



U.S. INTERNATIONAL TRANSPORTATION EXPOSITION
DULLES INTERNATIONAL AIRPORT ★ MAY 27—JUNE 4, 1972

Number

Report Number UMTA-URT-4-70-1

PB-204-436

Remote Sensing: With Special Reference to Urban and Regional Transportation Management. Frank G. Mittelbach, Michael I. Schneider. University of California, Los Angeles. February, 1971.

Report Number UMTA-URT-4-70-2

PB-204-434

Freeway and Highway Traffic Noise: An Information Base for Urban Development Decisions. Samuel R. Lane. University of California, Los Angeles. August, 1971.

Report Number UMTA-URT-4-70-3

PB-203-896

A Mall for Westwood Village: A Study of the Need for Constructing a Pedestrian Mall. Gary Schwartz. University of California, Los Angeles. June, 1971.

Report Number UMTA-URT-5-69-2

PB-204-432

Impact on Transit Ridership and Revenue of Reduced Fares for the Elderly. L. A. Hoel, E. S. Roszner. Carnegie-Mellon University. June, 1971.

Report Number UMTA-URT-5-70-2

PB-203-936

The Impact of Rapid Transit: An Evaluation of the Proposed Allegheny County Transit Expressway Revenue Line. Ervin S. Roszner, John O. Ledyard, Donald A. Neumann. Carnegie-Mellon University. July, 1971.

Report Number UMTA-URT-5-70-3

PB-204-933

Tube-Vehicle Systems: Aerodynamic Characteristics. S. William Gouse, Jr., Ezzat I. Wale. Carnegie-Mellon University. October, 1971.

Report Number UMTA-URT-5-70-4

PB-204-953

A Methodology for Developing Security Design Criteria For Subways. Oscar L. Harris, Jr. Carnegie-Mellon University. October, 1971.

Report Number UMTA-URT-37-70-1

PB-203-935

The Evolution of the D. C. Highway Department, A Historical Study. Gerald Tuzo. Consortium of Universities, Washington, D. C. June, 1971.

Report Number UMTA-URT-37-70-2

PB-204-936

Comparative Analysis of Traffic Assignment Techniques for Transportation Planning with Applications. James William Causey. Consortium of Universities, Washington, D. C. June, 1971.

Number

Report Number UMTA-URT-37-70-3

PB-203-782

A Traffic Demand Analysis for the Proposed Visitor Center/Transportation Center/Arena Complex Washington, D. C. Thomas P. Genis. Consortium of Universities, Washington, D. C. June, 1971.

Report Number UMTA-URT-37-70-4

PB-203-783

The Balanced and Orderly Development of the Site in Close Proximity to a Metro Station as a Contributor to a More Health and Economically Viable Urban Environment in the Washington Metropolitan Area. Stanley Chaitt Langfield. Consortium of Universities, Washington, D. C. June, 1971.

Report Number UMTA-URT-37-70-5

PB-203-784

Economic Information for Environmental Quality Management. Inja K. Paik. Consortium of Universities, Washington, D. C. June, 1971.

Report Number UMTA-URT-70-11

PB-204-934

Metro Impact in Arlington County: A Case Study and Evaluation of a Transit Growth Model. Edward D. Studholme. Consortium of Universities, Washington, D. C. June, 1971.

Report Number UMTA-URT-37-70-14

PB-204-935

Selected Sources of Non-Farebox Revenue for Metro: Landover and Huntington Stations. George T. Pappas. Consortium of Universities, Washington, D.C. June, 1971.

Report Number UMTA-URT-37-70-12

PB-203-781

The Effect of Edge Marking On Narrow Rural Roads. Zuhair Y. Hassan. Consortium of Universities, Washington, D. C. June, 1971.

Report Number UMTA-URT-52-70-1

PB-203-907

A Quest for Integrated and Balanced Transportation Systems in State Government. Richard G. Rubino. The Florida State University. June, 1971.

Report Number UMTA-URT-52-70-2

PB-204-433

The Permanence of Trip Generation Equations. Norman Ashford, Frank M. Holloway. The Florida State University. August, 1971.

Report Number UMTA-URT-32-70-1

PB-204-420

Information Systems for the Urban Transportation Planning Process; Conceptual Framework for Design, Construction and Implementation. Kenneth J. Dueker, Frank E. Horton. University of Iowa. June, 1971.

Report Number UMTA-URT-9-69-2

PB-204-954

Urban Transportation Decision-Making 3 San Francisco: A Case Study Frank C. Colcord, Jr. Massachusetts Institute of Technology. May, 1971.

Number
Report Number UMTA-URT-8-69-1 PB-203-899

The Crosstown Controversy: A Case Study of Political and Social Conflict in Philadelphia. Thomas A Reiner, Robert J. Sugarman. University of Pennsylvania. September, 1970.

Report Number UMTA-URT-8-69-2 PB-203-778

A Report on the Value of Speed in Public Transit Services. Vukan R. Vuchie, G. Bruce Douglas, Bondada Murthy. University of Pennsylvania. June, 1971.

Report Number UMTA-URT-8-69-3 PB-203-779

Transportation Networks - As A New Urban Space Partition. Robert G. LeRuolais, Alexander Messinger. University of Pennsylvania. June, 1971.

Report Number UMTA-URT-8-70-1 PB-204-941

Developing and Testing of a Behavioral Modal Split Model. Bruce Allen, Andrew Isserman, Richard Brumberg, Chin Yong. University of Pennsylvania. June, 1971.

Report Number UMTA-URT-8-70-2 PB-203-780

Analysis of Peak Period Passenger Flows of the Lindenwold Rapid Transit Line. David E. Boyce, B.V.A. Murthy. University of Pennsylvania. June, 1971.

Report Number UMTA-URT-8-70-4 PB-204-001

An Investigation of the Car Following Model Using Continuous System Model Program (CSMP) Techniques. Lawrence Eisenberg, Edward Kaplan. University of Pennsylvania. June, 1971.

Report Number UMTA-URT-7-70-1 PB-204-056

The Urban Frontier; The Investigation of Urban Growth Determined By Land Values. Robert Borden, John H. Thompson. Syracuse University. June, 1971.

Report Number UMTA-URT-7-70-2 PB-204-880

Measuring Accessibility; The Measurement of Property Accessibility. Thomas J. Wilbanks. Syracuse University. October, 1970.

Number

Report Number UMTA-URT-49-70-5

PB-202-411

Planning Transportation Terminal Systems In Urban Regions: A Man-Machine Interactive Problem - Solving Approach. J. B. Schneider, John G. Symons, Mark Goldman. University of Washington. April, 1971.

Report Number UMTA-URT-49-70-6

PB-204-881

Designing Urban Transit Systems: An Approach to the Route-Technology Selection Problems. John C. Rea. University of Washington. August, 1971.

Report Number UMTA-URT-49-70-7

PB-202-412

The Interactive Graphic Transit Simulator: A Tool For Planning Node-Oriented Transit Systems. Matthias H. Rapp, Mark Goldman, Robert Smallwood. University of Washington. June, 1971.

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