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UNITED STATES GOVERNMENT

DEPARTMENT OF
HOUSING AND URBAN DEVELOPMENT

Memorandum

TO : Arthur A. Davis, Director
Community Resources Development Administration

DATE: March 27, 1969

In reply refer to:

MVN

FROM : Paul Brace, New Communities Division

SUBJECT: HUD Financed Research Projects Related to New Communities

11/80

Attached for your information is an up to date list and summary description prepared by the New Communities Division, of the grants funded by HUD for research, demonstration and innovation projects, completed or underway, directly related to new communities.

Ten projects were funded under: The old Housing and Urban Research Program; the Urban Mass Transportation Act of 1964 (sec. 6.b); and the Housing Act of 1954 as amended (sec. 701 and 701 b). About \$856,000 were expended in these projects, of which \$691,000 is the Federal share - \$531,000 of HUD funds. Except for the Southwest Area Development, the Innovative Study of New Community Development and the Rural Cities Program, they were initiated before enactment of the New Communities Act.

A detailed evaluation of several of the completed projects is now under preparation by the Division, and will be submitted to you upon completion.

Paul Brace

cc: Jackson, 7100
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U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
Community Resources Development Administration
New Communities Division

March, 1969

HUD FINANCED RESEARCH PROJECTS
RELATED TO NEW COMMUNITIES

1. Title : Zurban Report

Grantee: Zurban (M. B. Zuckerman, Vice President, Cabot, Cabot & Forbes, Boston, Massachusetts)

Amount : \$60,000 (Federal share: \$60,000 - Housing and Urban Research Program)

Date : Completed 1967 (unpublished) - Approved June, 1966

Subject: Exploration of possible alternative Federal programs for assisting new communities. Brief description of the history of new communities in the U.S.; market analysis techniques; cash flow analysis; and problems and possibilities in integrating low and moderate income housing into new communities. The recommendations in this study formed the base for the Title IV legislation.
2. Title : Transportation Requirements and Effects of New Communities
(Part of a larger study entitled: "Urban Transportation Requirements and Land Uses in Relation to New Systems of Urban Transportation")

Grantee: Regional Economic Development Institute, Inc., Pittsburgh, Pa.

Amount : \$50,000 (Federal share: \$50,000 - 6B. Urban Mass Transportation Act of 1964)

Date : Completed May, 1968 - Approved June, 1967

Subject: Projection of trip generating characteristics for different types and densities of dwelling units, industries, and income groups that might locate in a new community. Brief discussion of the possible transportation innovations in new communities and the possible rapid transit demand generated by new communities, using Columbia as a case study.
3. Title : New Communities: One Alternative -- A Harvard Study of a New City

Grantee: Graduate School of Design, Harvard University, Cambridge, Massachusetts (George J. Pillorge)

Amount : \$92,000 (Federal share: \$92,000 - 701 b)

Date : Completed June, 1968 - Approved June, 1967

Subject: Study of a prototype new community proposed south of Boston, combining the disciplines of architecture, urban planning and design, and regional planning. The two volume report and its summary offer ideas applicable to new communities in such areas as education, modular housing, and community design. It includes some initial analyses of the economic and employment base. The proposed community was purposefully designed for high densities and low and moderate income families.

4. Title : Greenbelt Towns Revisited

Grantee: National Association of Housing and Redevelopment Officials, Washington, D.C. (Albert Mayer)

Amount : \$13,609 (Federal share: \$13,609 - 701 b)

Date : Completed October, 1968 (Parts I, II, III of this report originally appeared in the Journal of Housing, Vol. 24, 1967) - Approved June, 1966

Subject: A brief account of the three greenbelt communities developed by the Resettlement Administration of the USDA in the 1930's, and evaluation of the fulfillment of the original intent. Description of some details of their later development after Federal divestment.

5. Title : New Community Development Criteria

Grantee: Center for Urban Affairs, University of Colorado, Denver, Colorado (Byron L. Johnson)

Amount : \$47,800 (Federal share: \$47,800 - 701 b)

Date : Completed November, 1968 (unpublished) - Approved June, 1968

Subject: Assessment of the use of systems analysis techniques as means to define social goals of new communities, and the physical and institutional elements that could best meet these goals. The development process is broken down into systems and sub-systems for which performance standards and criteria are suggested. Some attention is given to applying these criteria to projects on the eastern slope of the Rocky Mountains.

6. Title : Triton City: A Prototype Floating Community

Grantee: Triton Foundation, Cambridge, Massachusetts. (R. Buckminster Fuller)

Amount : \$38,140 (Federal share: \$30,000 - 701 b)

Date : Completed November, 1968 - Approved October, 1967

Subject: A preliminary exploration of the technical and economic feasibility of developing entire new communities on segmented floating rafts in water bodies adjacent to urban centers. Such projects are found to be at least technologically feasible.

7. Title : The Minnesota Experimental City

Grantee: University of Minnesota, Minneapolis, Minnesota

Amount : \$331,000 (Federal share: \$240,000 - jointly funded by HUD - 701 b \$80,000, EDA and HEW)

Date : Due 1969 - Approved April, 1967

Subject: A study of: a. Sociological and cultural aspects of new community development, including living patterns, education, health, and governmental organization; and, b. Economic and physical aspects, such as building technology, waste management, transportation, energy, and air management in an enclosed city. Proposals for the actual construction of a large experimental city in northern Minnesota remote from population centers, as a proving ground for the application of technology to urban problems.

8. Title : Southwest Area Development

Grantee: Four Corner Commission (contractor: Westinghouse Electric Corporation)

Amount : \$100,000 (Federal share: \$75,000 - 701)

Date : Due June, 1969 - Approved January, 1969

SUBJECT: Analysis of factors having an effect upon the economic development of the Four Corner region, including housing and water supply, economic and environmental factors, human resources, use of public lands, transportation, and existing and proposed new communities in the region. It will propose two or three urban concentration strategies for the region.

9. Title : Innovative Study of New Community Development

Grantee: Metropolitan Washington, D.C. Council of Governments

Amount : \$75,000 (Federal share: \$50,000 - 701)

Date : Due January, 1970 - Approved January, 1969

Subject: This is one portion of a study of many urban problems in the Washington metropolitan area. Analysis of new town concepts, based on data from existing developments in the area. A set of guidelines will be produced which can be used by other metropolitan planning agencies to examine new community proposals in their own areas.

10. Title : Rural Cities Program

Grantee: State of West Virginia, Department of Commerce, Charleston, West Virginia

Amount : \$48,375 (Federal share: \$32,250 - 701)

Date : Due January, 1970 - Approved January, 1969

Subject: A program to involve the State in rural new town development, emphasizing the relationship between the Rural Cities Program, which has received assistance from other Federal agencies, and West Virginia's current state planning effort. Part of the project includes a site investigation for potential projects under the New Communities Act of 1968.