

ความสัมพันธ์ระหว่างการขนส่ง และการเกษตรกรรม ในพื้นที่ใกล้เคียงกับถนน  
สายบ้านค้าย - บ้านบึง จังหวัดระยอง



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003561

วิทยานิพนธ์นี้เป็นส่วนหนึ่งของการศึกษาตามหลักสูตรวิศวกรรมศาสตรมหาบัณฑิต

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บัณฑิตวิทยาลัย จุฬาลงกรณ์มหาวิทยาลัย  
จุฬาลงกรณ์มหาวิทยาลัย  
พ.ศ. 2520

RELATIONSHIPS BETWEEN TRANSPORTATION AND AGRICULTURE IN THE VICINITY  
OF THE BAN KHAI-BAN BUNG FEEDER ROAD, CHANGWAD RAYONG

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A Thesis Submitted in Partial Fulfillment of the Requirements  
for the Degree of Master of Engineering

Department of Civil Engineering

Graduate School

Chulalongkorn University

1977

Accepted by the Graduate School, Chulalongkorn University  
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Thesis Title : Relationships Between Transportation and  
Agriculture in the Vicinity of the Ban Khai -  
Ban Bung Feeder Road, Changwad Rayong

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หัวข้อวิทยานิพนธ์ ความสัมพันธ์ระหว่างการขนส่งและการเกษตรกรรมในพื้นที่  
ไกลเคียงกับถนนสายบ้านค้าย-บ้านบึง จังหวัดระยอง  
ชื่อ นายศรัทธีย์ วิริยะภิญโญชีพ  
ปีการศึกษา 2519

บทคัดย่อ



จุดมุ่งหมายของการวิจัยนี้ เป็นการศึกษาถึงบทบาทของถนนสายบ้านค้าย-  
บ้านบึง ที่มีต่อการขยายตัวทางการเกษตรในพื้นที่ซึ่งถนนตัดผ่าน รวมทั้งศึกษาถึง  
ปัญหาการขนส่ง อันเนื่องมาจากสภาพของถนน

การวิเคราะห์ถึงความสัมพันธ์ระหว่างการขนส่ง และการขยายตัวในคาน  
เกษตรกรรมนั้น จะเปรียบเทียบอัตราการเพิ่มผลผลิตของพืชไร่ที่เก็บเกี่ยวในพื้นที่ที่  
ได้รับอิทธิพลของถนน กับพื้นที่อื่นที่ไม่ได้รับอิทธิพลเลย จากการศึกษาพบว่า ผลผลิต  
ของมันสำปะหลังและอ้อยในกิ่งอำเภอปลวกแดง ซึ่งเป็นอำเภอที่ได้รับอิทธิพลจาก  
ถนนสายบ้านค้าย-บ้านบึง มากที่สุด มีอัตราการเพิ่มสูงมาก การเพิ่มนี้อาจเนื่อง  
มาจากเหตุผลที่ว่า กิ่งอำเภอปลวกแดงเป็นกิ่งอำเภอที่ตั้งขึ้นใหม่ มีที่ดินสำหรับเพาะ  
ปลูกมากมาย ทำให้ชาวไร่จากบริเวณอื่น ๆ เข้ามาทำมาหากินเพิ่มขึ้นทุกปี อีกประ  
การหนึ่งก็เนื่องมาจากถนนสายบ้านค้าย-บ้านบึง ทำให้การเดินทางสะดวกขึ้น ยังจะ  
ดึงดูดชาวไร่เข้ามาเพาะปลูกในบริเวณดังกล่าวมากขึ้น

เพื่อที่จะทราบว่าการเกษตรกรรมมีความสัมพันธ์หรือมีอิทธิพลต่อ  
ปริมาณการเดินทาง การใช้รถใช้ถนนของชาวไร่มากน้อยอย่างไร จึงตั้งสมมติฐาน  
ว่าปริมาณการเดินทางจากบ้านไปยังบริเวณเพาะปลูกนั้น ขึ้นอยู่กับตัวแปรอิสระที่  
เกี่ยวกับการเกษตร เช่น ระยะทางจากบ้านไปยังไร่, ขนาดของครอบครัว, พื้นที่  
ทำการเพาะปลูก, รายได้อันเนื่องมาจากการเพาะปลูก, จำนวนรถในบ้าน  
จากการทดสอบความสัมพันธ์พบว่า ระยะทางจากบ้านไปยังไร่, ขนาดของครอบครัว  
และพื้นที่ทำการเพาะปลูก มีอิทธิพลต่อปริมาณการเดินทางจากบ้านไปสู่ไร่

Thesis Title Relationships Between Transportation and  
Agriculture in the Vicinity of the Ban  
Khai-Ban Bung Feeder Road, Changwad  
Rayong

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Academic Year 1976

#### ABSTRACT

The objectives of this study are to investigate the role of the Ban Khai-Ban Bung feeder road in the agricultural development of the area in which it is located and to study transportation problems related to the feeder road.

An analysis of the relationship of transportation to agricultural development in the area affected by the feeder road was made by studying the growth of agricultural production. It was found that the production of cassava and sugar cane in King Amphoe Pluak Daeng, most of which is within the affected area, displayed a significant growth. The growth may be due to the stimulation of farmers from other areas migrating here to occupy new farming areas. Also, the presence of the feeder road provided greater accessibility and in part served to attract farmers to this area.

A model relating trip generation to information about farming has been tested in a computer to investigate the effects of agriculture upon road use. It was found that the distance from house to farm, the household size, and the area of the farm affected the generation of trips made by farming households.



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## ACKNOWLEDGEMENTS

The writer wishes to express his deep appreciation and thanks to Prof. John Hugh Jones, advisor for the thesis, for providing great encouragement and helpful background information. He is also grateful to Prof. Dr. Niwat Daranandana, Asst. Prof. Dr. Supradit Bunnag, and Mr. Anukalya Israsena Na Ayudhaya who provided contributions in serving on the thesis committee.

Acknowledgment is extends to Asst. Prof. Dr. Warin Wonghanchao, Miss Ladawan Tirasavasdichai, Faculty of Economics, Chulalongkorn University; Dr. Srisook Chandrangsu, Chief of Transportation and Communications Committee Services Division, Ministry of Communications for their valuable guidance. He also wishes to thank to Mr. Charumatr Pinthong who was helpful with the NEAC 2200 computer used for processing the data.

Thanks are also expressed to individuals in the following Government Offices for providing facilities for collecting data: Department of Agricultural Extension; Statistics Division of the Department of Highways; National Statistical Office; and the Registration Division, Department of Local Administration.

The author is appreciative of the financial and technical assistance provided by the British Transport and Road Research Laboratory. Thanks are also extended to the Graduate School of Chulalongkorn University for a research grant to conduct the study.



ศูนย์วิทยทรัพยากร  
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