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CONTRACT NO. AID-492-1429

PROJECT NO. 492-11-995-256

PROJECT TITLE: Local Development

UNITED STATES GOVERNMENT

Memorandum

TO : Mr. William A. Sommers, Chief, OPD

DATE: November 7, 1978

FROM : 
Lewis R. Coyle, USAID Consultant

SUBJECT: Monthly Progress Report - October, 1978

CONTRACT OBJECTIVES: To produce a manual on road network development planning techniques for intermediate size Philippine cities using tested field techniques and to devise a training program featuring the manual.

WORK PERFORMED TO DATE: Beginning with this report all work performance will be in accordance with the work program and schedule as Attachment 1 to this report. Work performance on specific work items is given in Attachment 2.

CONFORMANCE TO SCHEDULE: From the Consultant's experience over the past six weeks in the conduct of the pilot study, it has been determined that the study cannot be completed within 18 weeks, as originally scheduled within the context of the six months contract period. This is due to a number of factors including lack of organizational and administrative experience of staff personnel; limited availability of population, vehicle registration, and necessary social and economic data; and a very slow and laborious system for obtaining necessary equipment and supplies. Accordingly, it is necessary to revise the schedule for the pilot study, increasing it to a total of 30 weeks, as shown in Attachment 1. On this basis, and in consideration of the fact that all necessary training of both PDAP and local staff will be incorporated in the pilot study as the work progresses, the revised total program, subject to contract approval, is as follows:

1. Review of the provincial RNDP manual and existing training format to familiarize the consultant with the on-going project 1 week
2. Field survey of representative cities to pinpoint aspects of the problems that will be taken into account, and also to learn of data availabilities 2 weeks

3. Selection of a city for the pilot RNDP study and development of the terms of an agreement between MLGCD and the City Mayor's Office 2 weeks
 4. Pilot city RNDP study project, including:
 - a. Development of forms, procedures, and instructions.
 - b. General administrative and supervisory control of the study.
 - c. Completing the write-up of the step-by-step manual and supervising its reproduction.
 - d. Provision of on-the-job training in all phases of the study to assigned PDAP and local staff personnel 30 weeks
- TOTAL 35 weeks

ANALYSIS OF PROGRESS: Due to inclement weather, a large number of public holidays, and an inability to obtain a sufficient number of field survey personnel, the traffic count and O-D surveys are behind schedule. It is planned to make up the lost time during the data tabulation and summary phase by working overtime hours. An analysis of progress, by work item, is included as Attachment 2.

PROBLEM AREAS: The very slow release of approved project funds is causing delays in the purchase of equipment and supplies required for data tabulation and analysis.

Attachments: a/s

	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1) Manual 2) Machine																	
4. Tabulate and summarize traffic data																	
5. Road System Development																	
a. Determine criteria for classifying urban roads. b. Determine existing street system c. Classify existing and possible future roads d. Develop and map road system																	
6. Origin - Destination (O-D) Survey																	
a. Develop forms and procedures b. Determine size of sample and select sample locations c. Conduct O-D surveys (including personnel training) d. Tabulate, summarize and expand O-D data																	
7. Travel Time Survey																	
a. Determine streets to be surveyed b. Develop forms and procedures c. Conduct travel time survey (including personnel training) d. Tabulate and summarize survey data																	
8. Street Inventory																	
a. Review available data b. Develop forms and procedures																	

- 1) Manual
- 2) Machine

- 4. Tabulate and summarize traffic data

- 5. Road System Development
 - a. Determine criteria for classifying urban roads.
 - b. Determine existing street system
 - c. Classify existing and possible future roads
 - d. Develop and map road system

- 6. Origin - Destination (O-D) Survey
 - a. Develop forms and procedures
 - b. Determine size of sample and select sample locations
 - c. Conduct O-D surveys (including personnel training)
 - d. Tabulate, summarize and expand O-D data

- 7. Travel Time Survey
 - a. Determine streets to be surveyed
 - b. Develop forms and procedures
 - c. Conduct travel time survey (including personnel training)
 - d. Tabulate and summarize survey data

- 8. Street Inventory
 - a. Review available data
 - b. Develop forms and procedures

b. Determine the relationship between the present and future levels of social and economic activity in each zone.

13. Future Travel

- a. Determine the number of additional trips (by purpose and mode) to and from each zone brought about by changes in land use and social and economic activities
- b. Develop appropriate formulas and procedures, and determine the origin and destination of all future trips
- c. Develop and map "desire line", or zone-to-zone direct line connection from origin to destination of all future trips.

14. Future Road Development

- a. Based on the road links presently over-capacity or expected to be so in the future, future land use and social and economic development, and the main lines of travel as indicated by the "desire lines", determine the alignment of road extensions and future road developments.

15. Traffic Assignment

- a. Assign the future traffic to the future road network
- b. Determine the capacity of each road link
- c. Further improve the road system so that each link has adequate capacity

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
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- 16. Determine the Economic Feasibility of proposed Road Network Development Plan.
- 17. Recommend 5 - year and 10 - year Road Network Improvement Programs
- 18. Complete Study Report

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
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17. Recommend 5 - year and 10 - year Road Network Improvement Programs												■	■	■	■	
18. Complete Study Report														■	■	■

ATTACHMENT 2

MONTHLY PROGRESS REPORT - OCTOBER 1978

SUPPLEMENT

WORK PROGRAM AND SCHEDULE: The Work Program and Schedule for the Angeles City Road Network Development Plan is included as Attachment 1. With reference to the Work Program, Week No. 1 is the week of September 17-23, 1978. The report period, to end October, 1978, covers all work up to October 31, or, beginning of Week No. 7 (October 29-November 4, 1978).

WORK PROGRESS WITH REFERENCE TO SPECIFIC WORK ITEMS: The progress of the Work Program with reference to specific Work Items, as shown in Attachment 1, to the end of the reporting period, is as follows:

1. Establish Study Office: 85% complete. Necessary items such as calculators, draftsmen's equipment, and some supplies have not yet been received.
2. Economic Base Study: 30% complete. No response has yet been received to questionnaires.
3. Traffic Zoning: 100% complete.
4. Traffic Counts: 75% complete. Intersection counts still to be completed.
5. Road System Development: 60% complete. Staff work needs to be reviewed.
6. Origin-Destination (O-D) Survey: 50% complete. Home Interview and Establishment Interview surveys still to be completed.
10. Public Transportation: 80% complete. Transit map still to be completed and reviewed.
11. Motor Vehicle Registration: 30% complete

For all other Work Items there has been no work progress.