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RESEARCH PROJECT INITIATION

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Date: 30 August 1973

Project Title: "~~Traffic~~Signal Workshop Series"

Project No: E-20-524

Principal Investigator Dr. Peter S. Parsonson

Sponsor: Office of Highway Safety

Agreement Period: From July 1, 1973 Until June 30, 1974

Type Agreement: Contract: Project No. 613-74-001-001

Amount: \$11,109
5,369 Georgia Tech (E-20-213)
\$15,478 TOTAL

Reports Required: Final Report

Sponsor Contact Person (s): Carlton Fisher
Office of Highway Safety
7 Hunter Street S. W.
Atlanta, Georgia 30334
(404) 656-3218

Assigned to: Civil Engineering

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GEORGIA INSTITUTE OF TECHNOLOGY
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RESEARCH PROJECT TERMINATION

no action
OK

Date: 8 September 1975

Project Title "Traffic Signal Workshop Series"

Project No: E-20-524

Principal Investigator: Dr. P. S. Parsonson

Sponsor: Georgia Office of Highway Safety

Effective Termination Date: 6/30/74

Clearance of Accounting Charges: 6/30/74

Grant/Contract Closeout Actions Remaining:
None

Assigned to School of Civil Engineering

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July 30, 1974

E-20-524

State Office of Highway Safety
 Seven Hunter Street, S.W.
 Atlanta, Georgia 30303

Attention: Mr. Pete Palmer

Final Report for Project 613-74-001-001,
"Traffic Signal Workshop Series"

Gentlemen:

As required by the contract for the subject project, transmitted herewith is evaluative material pertaining to the recently completed Traffic Signal Workshop Series. As in past years, there is included for each workshop a roster of participants, an hour-by-hour course schedule with names of guest lecturers, and a general evaluation by the participants. Workshops II and III also included, as in past years, an evaluation consisting of a technical examination administered to each participant; a sample examination and the average class grade are included herein.

Workshop I, "Servicing of Electro-Mechanical Traffic-Signal Controllers", was presented on November 12-16, 1973, by Principal Instructor Richard McDonnell and Instructor Tom Countess. There were 24 employees of local governments in attendance. The workshop this year placed even greater emphasis on hands-on instruction than in former offerings. The instruction in signal installation and the troubleshooting of actuated equipment was perhaps better than in previous years, thanks to Mr. Countess. This was Mr. Countess' first workshop at Georgia Tech, but he had presented an identical course with Mr. McDonnell only a month earlier in North Carolina.

Workshop II, "Traffic-Signal Operation at Local Intersections", was presented to 18 employees of Georgia state and local governments on April 1-5, 1974. Dr. Parsonson was the Principal Instructor. This course has been uniformly successful over the years and presented no problem this time.

The class average on the examination was 74%, with a range of 50 to 95%.

Workshop III, "Traffic-Signal Operation in Coordinated Systems", was presented to 16 employees of Georgia state and local governments on May 20-24, 1974. The Principal Instructor, Dr. Parsonson, was assisted by four qualified lecturers. The class average on the examination was 69%, with a range of 38 to 90%.

It became clear this year that there is considerable turnover in the lower echelon of the city and county traffic engineering departments. As a result, many of the participants are novices, with virtually no background in signalization. Another consequence is that each year there appears to be a fresh crop of signal technicians in need of instruction. Because of the lack of experience of so many participants, the workshop series for 1974-75 will be expanded to four courses, with the first a 3-day introduction to signalization for novices of all types.

The evaluative material herein indicates that the 1973-74 workshops fulfilled their objectives. Georgia Tech looks forward to another offering of the Traffic Signal Workshop Series.

Yours very truly,

Peter S. Parsonson
Associate Professor

PSP/lj