GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION
SPONSORED PROJECT INITIATION

no action as of 8/1

Date: June 29, 1976

Project Title: Testing Various Blends of Pyrolytic Oil Residuals as Asphalt Extenders

Project No: A-232-786

Project Director: Dr. J. A. Knight

Sponsor: American Can Company; Princeton, New Jersey 08540

Agreement Period: From June 10, 1976 Until Open

Type Agreement: Letter dated 6/10/76

Amount: $350.00

Reports Required: as requested

Sponsor Contact Person (s):

Technical Matters

Dr. D. H. Johns
Research & Development
Princeton Laboratory
American Can Company
P.O. Box 50
Princeton, New Jersey 08540
609-921-2510

Contractual Matters
(thru OCA)

Defense Priority Rating: None

Assigned to: Productivity/Technology Applications (School/Laboratory)

COPIES TO:

- Project Director
- Division Chief (EES)
- School/Laboratory Director
- Dean/Director—EES
- Accounting Office
- Procurement Office
- Security Coordinator (OCA) ✓
- Reports Coordinator (OCA)
- Library, Technical Reports Section
- Office of Computing Services
- Director, Physical Plant
- EES Information Office
- Project File (OCA)
- Project Code (GTRI)
- Other _____

CA-3 (3/76)

GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION

SPONSORED PROJECT TERMINATION

Date: 1/25/77

Project Title: Testing Various Blends of Pyrolytic Oil Residues as Asphalt Extenders.

oject No: A-232-786

oject Director: Dr. J. A. Knight

onsor: American Can Company; Princeton, N.J. 08540

ective Termination Date: Open

arance of Accounting Charges: _____

ant/Contract Closeout Actions Remaining: Project has been completed.

- _ Final Invoice and Closing Documents
- _ Final Fiscal Report
- _ Final Report of Inventions
- _ Govt. Property Inventory & Related Certificate
- _ Classified Material Certificate
- _ Other _____

igned to: Productivity and Technology Applications (School/Laboratory)

PIES TO:

Project Director
Division Chief (EES)
School/Laboratory Director
Dean/Director—EES
Accounting Office
Procurement Office
Security Coordinator (OCA)
Reports Coordinator (OCA)
Library, Technical Reports Section
Office of Computing Services
Director, Physical Plant
EES Information Office
Project File (OCA)
Project Code (GTRI)
Other _____

CA—4 (3/76)

A-232-786

ENGINEERING EXPERIMENT STATION
GEORGIA INSTITUTE OF TECHNOLOGY • ATLANTA, GEORGIA 30332

September 20, 1976

Dr. D. H. Johns
Research & Development
Princeton Laboratory
American Can Company
P.O. Box 50
Princeton, New Jersey 08540

Dear Dr. Johns:

A report on the preparation of the blends of pyrolytic oil residues and asphalt AC-10 is enclosed. These blends were supplied to Dr. James Lai of the School of Civil Engineering for his testing program, which is not a part of this project, A-232-786. Dr. Lai will report on his work separately.

If you have any questions about the work, please let me know.

Sincerely,

James A. Knight, HEAD
WASTE UTILIZATION LABORATORY

JAK:bc

Enclosure

ENGINEERING EXPERIMENT STATION
GEORGIA INSTITUTE OF TECHNOLOGY • ATLANTA, GEORGIA 30332

September 8, 1976

PROJECT A-232-786

PREPARATION OF BLENDS OF ASPHALT AC-10 AND PYROLYTIC OIL RESIDUES

Dr. James A. Knight

Blends of two pyrolytic oil residues and asphalt AC-10 were prepared for consistency and durability tests. One pyrolytic oil residue, supplied by Mr. Del Lohuis, Tech-Air Corporation, was obtained by atmospheric distillation and identified as Sample 1715. The other sample, supplied by the Princeton Laboratory, American Can Company, was vacuum distilled and identified as M-33-70Z. Blends of each residue were prepared containing 15%, 30% and 55% by weight of the residue with asphalt AC-10. Asphalt AC-10 was obtained from the Georgia Highway Materials testing Laboratory and Koppers Asphalt Company of Conley, Georgia. Approximately 2600 g. of each blend was prepared by heating with stirring the appropriate quantity of residue and asphalt AC-10 to approximately 300°F. The mixtures were heated and stirred for approximately 20 minutes. The six blends along with an original sample of asphalt AC-10 were supplied on June 22nd to Dr. James Lai of the School of Civil Engineering, Georgia Tech, for testing.