

KANSAS

DEPARTMENT OF TRANSPORTATION
DEB MILLER, SECRETARY

KATHLEEN SEBELIUS, GOVERNOR

LON INGRAM, CHIEF

January 16, 2007

Dr. Paul R. Lowe; Assistant Vice Provost for Research
Kansas State University
2 Fairchild Hall
Manhattan, Kansas 66506-5103

Dear Dr. Lowe:

We have enclosed an executed copy of a contract coversheet for a third supplemental agreement on the following project:

C1435 KSU (TPF-5(079); RE-0361-01): "Implementation of the 2002 AASHTO Design Guide for Pavement Structures". KDOT is the lead agency on this transportation pooled fund project.

Sincerely,

L.S. Ingram, P.E. Chief
Materials and Research



Richard L. McReynolds, P.E.
Engineer of Research

cc: Stefan Romanoschi, Ph.D. Department of Civil Engineering, KSU (w/a)
Steve Foust, Asst. P& R Engineer, FHWA (w/a)
Pam Anderson, Bureau of Fiscal Services (w/a)
Susie Lovelady, Bureau of Program and Project Management (w/a)
Greg Schieber, Bureau of Materials and Research (w/a)
Susan Barker, Bureau of Materials and Research (w/a)
Darleen Bernhardt, Bureau of Materials and Research (w/a)

BUREAU OF MATERIALS AND RESEARCH, MATERIALS AND RESEARCH CENTER
2300 VAN BUREN, TOPEKA, KS 66611-1195
VOICE 785-296-2231 TTY 785-296-3585 FAX 785-296-2526 <http://www.ink.org/public/kdot/>

AGREEMENT FOR TECHNICAL ASSISTANCE
BETWEEN THE SECRETARY OF TRANSPORTATION
AND
KANSAS STATE UNIVERSITY

SUPPLEMENTAL AGREEMENT

This agreement, made and entered into this 15 day of November 2006 for Technical Assistance between the Secretary of Transportation of the State of Kansas, hereinafter referred to as Secretary, and Kansas State University, hereinafter referred to as KSU.

RECITALS:

WHEREAS, the Secretary and KSU entered into an Agreement for Technical Assistance dated September 4, 2003, hereinafter referred to as "Original Agreement" for the Project entitled "Implementation of the 2002 AASHTO Design Guide for Pavement Structures."

WHEREAS, funding for this Project originates with the Kansas Department of Transportation as part of its K-TRAN Research Program, award number KSU-RE-0361-01; TPF-5(079).

WHEREAS, the Secretary agrees to provide additional time of 18 months and additional funds of \$250,000 to perform the additional work described in the attached letter hereto and incorporated herein as Special Attachment No. 1.

NOW, THEREFORE, the Secretary and KSU in consideration of the need to clarify the Original Agreement the Parties hereto agree to as follows:

Section 2. Contract Dates.

KSU may continue work in conformity with the Proposal and the Proposal Expansion under this Agreement for an additional period of 18 months. The previous completion date was June 30, 2007, and the revised completion is December 31, 2008.

Section 3. Basis of Payment.

The Secretary agrees to reimburse KSU and additional amount not to exceed \$250,000 in accordance with the proposed budget, (attached), to cover the cost of the work described in the Proposal Expansion. The total amount available for reimbursement under the Agreement shall not exceed \$459,963.

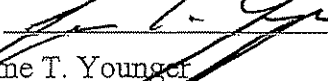
All other terms and conditions of the Original Agreement for Technical Assistance, dated September 4, 2003, shall remain in force.

KSU


Paul R. Lowe
Assist. Vice Provost for Research

ATTEST:

Debra Miller
Secretary of Transportation

By: 
Jerome T. Younger
Assistant Secretary and
State Transportation Engineer

ATTEST



November 17, 2006

Mr. Richard McReynolds, Engineer of Research
KDOT Materials & Research Center
2300 S.W. Van Buren St.
Topeka, KS 66611

Engineering Experiment Station
148 Rathbone Hall
Manhattan, KS 66506-5202
785-532-5844
Fax: 785-532-7810

Re: FHWA Pooled Fund Project TPF-5(079) RE-0361-01 (Implementation of the 2002 AASHTO Design Guide for Pavement Structures) - KSU Account 5-33013

This letter is to request additional funds and time extension for the completion of the project. The funds are necessary because of modifications and additions required to the initial work plan and approved by the NYSDOT project supervisors. The following items were added to the initial work plan:

- Significant expansion of the testing program, in order to determine materials properties for more NYS highway materials. A major component will be the testing of representative samples of the Superpave HMA mixes designed according to the new requirements implemented by NYSDOT.
- The development of new summary statistics for the weight and classification data for use in the new NCHRP Design model for the traffic data collected between July, 2005 and December, 2006.
- The design of a tractor/semi-trailer configuration that optimizes the Payload vs. Pavement Damage ratio. This will include the evaluation of the reduction in pavement distresses for the composite pavement structures for NYSDOT and the development of recommendations for the appropriate legal limits for the new vehicle configuration.

Considering the supplementary work needed to complete the project, additional funds of \$250,000 are requested. Also, a time extension to 12/31/08 is also requested for this research project.

If you approve this time and monetary extension, please sign both copies and return one copy to this office. Thank you,

Sincerely,

A handwritten signature in black ink, appearing to read "Stefan Romanoschi".

Stefan A. Romanoschi
Assistant Professor of Civil Engineering
Kansas State University

APPROVED:

A handwritten signature in black ink, appearing to read "Paul R. Lowe".

Paul R. Lowe 12/4/06
Assistant Vice Provost for Research

KDOT

Proposed Budget For the Period 1/1/07 to 12/31/08		
A.	Personnel	
1	Stefan Romanoschi	
	1.0 time, 1.0 months summer 2007	\$ 9,411.00
	0.2 time, 5 months, acad.year 2007	\$ 9,411.00
	1.0 time, 1.5 months summer 2008	\$ 14,823.00
	0.2 time, 5 months, acad.year 2008	\$ 9,882.00
2	Graduate Research Assistants	
	0.5 time, 24 mos. Cal. yr. (2007 & 2008)	\$ 48,000.00
3	Undergraduate Students	\$ 1,800.00
	Subtotal Personnel	\$ 93,327.00
4	Fringe Benefits	
	32% of A1, 5.5% of A2 & 1.61% of A3	\$ 16,598.00
	Subtotal Personnel	\$ 109,925.00
B.	Equipment	
C.	Travel-Domestic	\$ 3,500.00
	KSU staff trips to NYS	
D.	Materials and Supplies	\$ 6,800.00
E.	Other Direct Costs	
	Training Travel NYSDOT personnel	\$ 35,250.00
	Consultant (Dr. Lynne Irwin)	\$ 4,900.00
	Tuition	\$ 15,000.00
	Communications	\$ 384.00
	Duplication	\$ 200.00
	Subtotal Other Direct Costs	\$ 55,734.00
	Subtotal Direct Costs	\$ 175,959.00
F.	Facilities and Administrative Costs (46% of MTDC)	\$ 74,041.00
	Total Project Costs	\$ 250,000.00