

KANSAS

DEPARTMENT OF TRANSPORTATION
DEB MILLER, SECRETARY

KATHLEEN SEBELIUS, GOVERNOR

LON INGRAM, CHIEF

May 4, 2005

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 the following project:

C1435 RE-0361-01; TPF-5(079): "Implementation of the 2002 AASHTO Design Guide for Pavement Structures".

Sincerely,

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



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

cc: Stefan Romanoschi, Ph.D., Asst. Professor of Civil Engineering, KSU (w/a)
Greg Schieber, Bureau of Materials & Research (w/a)
Susan Barker, Bureau of Materials & Research (w/a)
Darleen Bernhardt, Bureau of Materials & Research (w/a)

CONTRACT COVER SHEET

Agency No.	Div. No.	Current Document Number
276	[REDACTED]	A0501435

Document Date: 03/31/05 Effective Date: _____

Agy Contract No. C1435

Vendor Information	Contracting Agency Name & Address
No/Sfx <u>367010000</u> <u>05</u> Name <u>Kansas State University</u> <u>Associate Vice Provost For Research</u> Street <u>2 Fairchild Hall</u> City, State <u>Manhattan, KS 66506-1103</u> & Zip _____	<u>Kansas Department of Transportation</u> <u>Bureau of Materials and Research</u> <u>2300 S.W. Van Buren</u> <u>Topeka, KS 66611</u>

Sfx	I/C	Ref Doc	Sfx	M	Fund	BY	Index	PCA	Sub-obj	Del	R	Amount	Agency Use
01	864				4100	05	0555	99170	2790			59,996.00	009

Document Total
\$ 59,996.00

CONTRACT TYPE:

- New Contract
- Amended Contract Terms
- Re-encumber Previously Approved Contract

PRIOR DOC. NO.

A0410888

CONTRACT DESCRIPTION: KSU (RE-0361-01); TPF-5(079) "Implementation of the 2002 AASHTO Design Guide for Pavement Structures". Increase of funds and extension of time.

Legal Basis for Contract (Cite state or federal statutes or regulations, etc.)

PAYMENT SCHEDULE:

Total Contract Commitment Amount: \$ 159,967.00

Contract Beginning Date: October 1, 2003 Contract Ending Date: December 31, 2006

Payment Frequency: _____ payment(s) of \$ _____ due upon receipt of

Payment Frequency: _____ payment(s) of \$ _____ due approved invoice

APPROVALS:

Chirhove _____ APR 20 2005 _____ Date

Director of Purchasing

Wale Brunton _____ APR 22 2005 _____ Date

Director of Accounts and Reports

Approved as to form and execution:

Leslie Spencer Dowler _____ 4-13-05 _____ Date

Dept of Admin Attorney, Attorney General, or Agency Attorney

AGENCY APPROVALS:

This contract was prepared and executed at my direction with full knowledge of the obligations incurred. All required approvals for our State agency have been obtained.

Warrin D. [Signature] _____ 4-13-05 _____ Date

Agency Authorized Signature

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

SUPPLEMENTAL AGREEMENT

This agreement, made and entered into this 12 day of March 2005 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 12 months and additional funds of \$59,996 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 12 months. The previous completion date was 12/31/05, and the revised completion is 12/31/06.

Section 3. Basis of Payment.

The Secretary agrees to reimburse KSU and additional amount not to exceed \$ 59,996 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 ~~\$ 160,237~~ 159,967.00

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

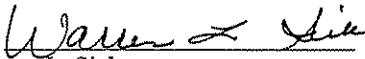
KSU


Paul R. Lowe
Assist. Vice Provost for Research

ATTEST:


Carol Janis

Debra Miller
Secretary of Transportation

By: 
Warren L. Sick
Assistant Secretary and
State Transportation Engineer

ATTEST


R.D. McKeon
3/29/05

Proposed Budget
 For the Period 4/1/05 to 12/31/06

A.	Personnel	KDOT
1	Stefan Romanoschi	
	1.0 time, 1.0 months summer 2005	7,360
	1.0 time, 1.0 months summer 2006	7,728
2	Mustaque Hossain	
	0.5 time, 0.5 months summer 2005	2,293
3	Graduate Research Assistants	
	0.5 time, 6 mos. cal. yr.(2005-2006)	7,800
4	Undergraduate Students	750
	Subtotal Personnel	<u>25,931</u>
5	Fringe Benefits	
	32.5% of A1- A2, 5% of A3 & 1.4% of A4	6,050
	Subtotal Personnel	31,981
B.	Equipment	
C.	Travel-Domestic	1,700
	KSU staff trips to NYS	
D.	Materials and Supplies	150
E.	Other Direct Costs	
	Consultant Travel	7,000
	Communications	200
	Duplication	62
	Subtotal Other Direct Costs	<u>7,262</u>
	Subtotal Direct Costs	41,093
F.	Facilities and Administrative Costs	
	46% of MTDC	<u>18,903</u>
	Total Project Costs	59,996



March 15, 2005

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:

- Backcalculation of the layer moduli from FWD deflection data for the data collected in the NYSDOT's Performance Monitoring and Superpave Performance Monitoring Programs.
- Development of an MS ACCESS database for the storage of inventory, construction and performance data for the NYSDOT's Performance Monitoring and Superpave Performance Monitoring Programs.
- Expanding of the testing program, in order to determine materials properties for more NYS highway materials
- Review of the procedure to summarize and develop statistics for traffic data, for use in the AASHTO Design model.

Considering the supplementary work needed to complete the project, additional funds of \$59,996 are requested. Also, a time extension to 12/31/06 is also requested for this research project.

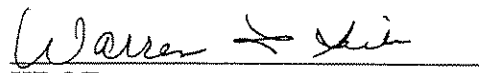
If you approve this time and monetary extension, please sign both copies and return one copy to this office. Thank you,

Sincerely,

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

APPROVED:

Paul R. Lowe 3/18/05
Assistant Vice Provost for Research



KDOT