

# **Professional Agreement Invoice and Progress Report**

Idaho Transportation Department

ITD 0771 (Rev. 01-17) itd.idaho.gov

This page must be filled out monthly by the Consultant and forwarded to the Agreement Administrator with the monthly invoice. If necessary, attach additional sheets for continuation.

Key Number	Project Number		Project Name		Date							
	ITD RP 235		ITD AASHTOWare Pav	rement ME Design	2/6/2018							
Agreement Adr	ministrator	Progres	s Report Number	Agreement Number	1							
Mike Santi		KLK57	2-33	UI-15-04	04							
Consultant's Na	ame	l l		Report/Billing Period (F	Period (From and To)							
				1/1/18-1/31/18								
Prompt Payme	nt To Subconsultant(s) Verified	А	authorization Number	Invoice Number								
☐ Yes ☐ N	No			Invoice 29								
Work during - Con - Run - Wor - Prep  Summarize W Please refer Most of the	Accomplished During the Month (List Month of January 2018 including the Month of January 2018 including the Month of January 2018 including the Month of the developed caling tests of several design cases. The control of the development of the transfer of the development of the transfer and submit Final Report Outlook Completed to Date (Milestones Control to the attached Gantt Chart. Project research work is close to design as so far is estimated by about 93 and the Month of the Mon	ded: ibration factor t. aining worksh line for ITD re  political and Date complete. The	es for all models.  rop view  es) (List Major Activities that w	were completed, including complet	ion dates.)							
List Informatio	n Required from ITD to Avoid Delays											
List Changes i	n Scope or Complexity that Requires a	Supplemental A	agreement or Time Adjustme	nts								
Printed Name		Title		Consultant's Signature								
Fouad Bayo	my	Principal Inve	estigator									

Distribution: DRI (Original) - Project File

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#### Status Report This page must be completed by the Agreement Administrator

A completed status report must accompany all Agreement invoices recommended for payment. The requested percentage of progress measurements for this report/billing period are required.

Key Number	Progran	m Number	_	_	_	_		•	Report Nu	mber	_	greement Number								
							3					JI-15-04								
Agreement Time			Time Passed	b		Р	ercent	of Agre	eement Time	e Elapse	ed F									
36 months			33					91.67	7%				93%							
Original Agreement	Amount	Suppleme	ental(s)	Curr	ent Agreeme	ent An	mount	Payme	ents (Includi	ng this P	ayment	Percent of Agreement Dollars Pa								
\$338,036.53		\$0.00		\$33	88,036.53				,038.76				84.03%							
Prompt Payment To  Yes No	Subcons	sultant(s) V	'erified		Fixed F		This Inv \$	/oice		To Date	Э		Negotiated \$							
If There is a Signific	cant Var	iance Betv	ween the Per	centages, F	<u>I</u> Please Expl	lain				1			_ 1 -							
Consultant Invoice N	lumber					This	Payme	ent Amo	ount				-							
Invoice 29						\$12	2,161.7	72												
Report Reviewed By	,										Re	view Date								
Concultant Bo	rforme		Fo Bo Cor	mplotod	Monthly	, by	the A	aroo	mont A	dmini	ctrot	or or								
Consultant Per Work planned for this			Fo Be Con leted		work was co								with Consultant							
☐ Yes	·	No		1	res .	•	No	,			☐ Yes ☐ No									
Explain																				
'																				
Performance: Desc	cribe the	Consulta	nts performa	nce during	this period															
	Pavme	nt· loc	artify that th	he Aaree	ment nro	visio	ne ha	wa ha	an ravia	wed tl	na inv	nice am	ount checked,							
	substa	antiated,	significant	t material	expense	es ha	ive su	pport	docume	ntatior	rece	eipts), ar	nd the costs billed a							
													npleted, any capital I the project reviewed							
or audited a																				
Agreement Administ	rator's Si	ignature			Date				Second (In	ndepend	ent) Re	viewer's Si	ignature							

### KLK572\_PR#33\_Jan 2018

### RP 235 (KLK 572)

Calibration of the AASHTOWare Pavement ME Design Performance Models for Flexible Pavements in Idaho - Time Schedule (Revised May 2016)

		Year		2015								2016 2017																18										
Task No	Task Description	Month	May	Jun	Jul	Aug	Sep	Oct N	ov I	Dec	Jan	Feb Mar	Apr	May	Jui	n Ju	ıl A	ug Se	p	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
		Elapsed Month	1	2	3	4	5	6	7	8	9	10 11	12	13	14	1 15	5 '	16 17	7	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Tack 1	Fyaluate the design inputs required for the		5%	5%	5%	10%			1	15%	15%	20%						109	%				5%					3%	5%	2%								
Task 2						10%		10	0%	5% 2	20%	20%		10%	5%	6		109	%								5%	5%	5%	5%								
																		This Task will	he carried																			
Tack 2	ldentify and select the pavement sections for the calibration			5%	5%	5%	10%	10%		:	10%	5% 3%	5%	5%	179	% 5%	6	further once projects iden districts	more	10%	5%			5%	5%		5%											
Task 4	sk 4 Conduct Creep Compliance and IDT Testing			5%		5%	5%	5% 5	%		5%	2%	2%		159	% 209	% 2	5%			2%	5%		2%	2%	2%	2%	7%	5%									
	Develop a performance database for the ME calibration for the selected sections														7%	6 109	% 2	5%			10%	15%	8%	5%	5%	5%	2%	10%	5%		10%							
Task 6	Run the software with the ass database	sembled																259	%	5%	5%	5%	10%	15%	5%	5%	5%	5%		5%	5%	5%	10%	10%	5%			
Tack 7	Development and Validation calibration factors	of Idaho																109	%				5%	5%	5%	5%	15%	5%	5%	5%	15%	10%	20%	10%				
Task 8	Summary of findings and reco	ommendations																												5%	5%	10%		10%	10%			
Task 9	Prepare and conduct training	workshop																																10%	10%			
Task 10														•			Fina	l Report																				
а	Submit Outline for ITD to Rev	riew																																	100%			
b	Meet ITD to discuss outline																																					
С	Prepare report and send draf reviewer	t to peer																																				
d	Send draft to report editor																																					
e	Submit draft of required outp	out																																				
f	ITD / FHWA Review																																					
g	Final Report due to ITD																																					10

Indicates Submittal # to ITD