ITD 0771 (Rev. 10-06) itd.idaho.gov

### **Professional Agreement Invoice and Progress Report**



Idaho Transportation Department

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 P		7/16/2015							
Agreement Admin	istrator		Progress Re	port Number	Agreement Number								
Ned Parrish			KLK572-2		UI-15-04	UI-15-04							
Consultant			<u> </u>		Report/Billing Period (	Report/Billing Period (From and To)							
					6/1/2015-6/30/201	15							
Certification of Pay	yment Submitted	Certification Date	PSA	Number	Invoice Number								
☐ Yes ☐	] No				no invoice								
Description of Wor	rk Accomplished D	uring the Month			•								
During this mo	nth:												
	cess. These inc				ecruiting these pavement S95 north of Sandpoint, a								
- Core samples	s were collected	d from Lewiston Hill pro	oject for lab	testing.									
- In coordination	on with Chad at	ITD-D2, we are explor	ring the TA	MS system for paveme	ent performance data.								
-		e (Milestones Completed an											
•		ompleted yet. Gantt cha	art is attach	ned.									
Work is estima	ated to be about	2% complete.											
Information Requir	red from ITD to Avo	oid Delays											
N/A		7.4 2 0.4ye											
,, .													
List Changes in So	cope or Complexity	Requiring a Supplemental	Agreement or	r Time Adjustments									
N/A													
0 1 2													
Consultant's Signa	ature			Printed Name and Title									
				Fouad Bayomy, Prir	ncipal Investigator								

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## **Professional Agreement Invoice and Progress Report**

Idaho Transportation Department

#### This page must be filled out by the Agreement Administrator.

Key Number	Program (Ma	de Austromitus	Drogross I	Report Number			Agroomon	- Numl	Jumbor							
Rey Number	Program (Wo	k Authority)	-	Report Number			_	Agreement Number UI-15-04								
December 1 December 1 December 1			2				UI-15-04		D.1.							
Report Reviewed By								Rev	view Date							
The Fellowin was a letter	in al															
The Following was Initiat	tea															
_																
Status Report																
A completed status r					recon	nmended fo	r payment.	The r	requeste	d percentage						
measurements of pro-	ogress to t		•													
Agreement Time		Time Passed	I	F	Percent	of Agreement	Time Elapsed	Per	Percent of Work Completed							
32 months		2 months				06.25%			2%							
Original Agreement Amo		` '		ent Agreement Ar		Payments (Inc	luding this Payr	nent)	· -							
\$369,983.38	\$0.00		\$36	9,983.38		\$0.00			0.00%							
Certification of Payment	Submitted	Certification Date	е	Fived Fee	This Ir	nvoice	To Date			Negotiated						
☐ Yes ☐ No				Fixed Fee	\$		\$		\$							
If There is a Significant \	/ariance Betv	ween the Percen	tages, Plea	se Explain			•		,							
Consultant Invoice Numl	ber			This	Payme	nt Amount										
no invoice				\$0.0	\$0.00											
				1												
Progress Pay	/ment:	certify that th	e Agree	ment provisio	ns ha	ve been rev	viewed, the	invoi	ice amoi	unt checked,						
progress is sul	ostantiated	d, significant	material	expenses ha	ave su	pport docur	mentation (	recei	pts), and	d the costs billed						
are project rela	ated and re	epresent the	work ac	complished.	I here	by approve	the progre	ss es	stimate f	or payment.						
	4 1 416				•				.,							
										leted, any capital he project review						
or audited and																
					<u>аррі 0</u>				, igiccii							
Agreement Administrato	r's Signature			Date		Second	l (Independent	Revie	ewer's Sigr	nature						

# **RP 235 (KLK 572)**

#### Calibration of the AASHTOWare Pavement ME Design Performance Models for Flexible Pavements in Idaho - Time Schedule

Year			2015									2016													2017										
Task Description	Month	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
-	Elapsed Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		
		5%	5%						1																										
Evaluate the design inputs req ME Software	quired for the												2																						
dentify and select the pavement the calibration	ent sections for		5%										3																						
Conduct Creep Compliance an WSU	nd IDT Testing at		5%																		4														
																					5														
Run the software with the associated associa	embled																										6								
Develop Idaho calibration fact	cors																										7								
Summary of findings and reco	mmendations																										8								
Prepare and conduct training	workshop																														9				
Final Report																																			
Submit Outline for ITD to Revi	ew																																		
Meet ITD to discuss outline																																			
•	to peer																																		
	ut																																		
TD / FHWA Review																																			
Final Report due to ITD																																	10		
	deview of the ME software displayed by the ME software dentify and select the pavement dentify and select dentify and performance datable alibration for the selected set of the software with the assolution and the software with the assolution dentify and recommend dentify denti	Elapsed Month  Review of the ME software distress prediction models for Flexible Pavements avaluate the design inputs required for the ME Software dentify and select the pavement sections for the calibration conduct Creep Compliance and IDT Testing at WSU develop a performance database for the ME alibration for the selected sections at the software with the assembled database develop Idaho calibration factors for the manner of findings and recommendations derepare and conduct training workshop final Report with the discussional method workshop final Report and send draft to peer the draft to report editor without draft of required output TD / FHWA Review final Report due to ITD	Elapsed Month  Serview of the ME 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editor unbmit draft of required output IDD / FHWA Review inal Report due to ITD	Elapsed Month  Iteview of the ME software distress prediction models for Flexible Pavements valuate the design inputs required for the ME Software dentify and select the pavement sections for the calibration conduct Creep Compliance and IDT Testing at VSU Develop a performance database for the ME alibration for the selected sections tun the software with the assembled latabase Develop Idaho calibration factors  Trepare and conduct training workshop  Trepare report and send draft to peer tend draft to report editor ubmit draft of required output  TD / FHWA Review inal Report due to ITD	Elapsed Month 1 2 3 4 5 6 7 8 9 10  Review of the ME software distress prediction models for Flexible Pavements valuate the design inputs required for the ME software distress prediction for the calibration district the pavement sections for the calibration district Creep Compliance and IDT Testing at VSU  Develop a performance database for the ME alibration for the selected sections for the software with the assembled latabase  Develop Idaho calibration factors  Dev	Elapsed Month 1 2 3 4 5 6 7 8 9 10 11  Review of the ME software distress prediction nodels for Flexible Pavements  I valuate the design inputs required for the ME Software dentify and select the pavement sections for he calibration  Conduct Creep Compliance and IDT Testing at WSU  Develop a performance database for the ME alibration for the selected sections for the software with the assembled latabase  Develop Idaho calibration factors  Limit Report  Limit Report  Limit Report  Limit Report ID to Review  Meet ITD to discuss outline  Limit Report ID for Performance output  Limit Report ID for Perfo	Elapsed Month 1 2 3 4 5 6 7 8 9 10 11 12  Review of the ME software distress prediction models for Flexible Pavements  valuate the design inputs required for the ME software dentify and select the pavement sections for he calibration  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9   10   11   12   13   14   15   16   17   18   19   20   21   22   22   22   22   22   22	Elapsed Month   1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   23	Elapsed Month   1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   24   24   25   25   25   25   25	Elapsed Month   1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   25   24   25   25   25   25	Elapsed Month   1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   25	Elapsed Month   1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   25   25   25   25   25   25	Elapsed Month   1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   26   27   28   28   29   29   29   29   29   29	Elapsed Month   1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   26   27   28   29   29   29   29   29   29   29	Light Hole   Lig	Elaysed Month  I 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 18 19 20 20 20 20 20 20 20 20 20 20 20 20 20		