



# Professional Agreement Invoice and Progress Report

ITD 0771 (Rev. 01-17)

Idaho Transportation Department

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 ITD RP 261	Project Name ITD - Augment Asphalt Mix	Date 12/17/2018
Agreement Administrator Mike Santi		Progress Report Number EN1751-KLK581-23	Agreement Number UI-17-01
Consultant's Name			Report/Billing Period (From and To) 11/1/18-11/30/18
Prompt Payment To Subconsultant(s) Verified <input type="checkbox"/> Yes <input type="checkbox"/> No		Authorization Number	Invoice Number Invoice #19
Describe Work Accomplished During the Month (List Major Activities that were in progress during this period and estimate the remaining time for each.) - We tested cores from four field projects and two plant-mixed lab-compacted mixtures. The laboratory tests included dynamic as well as monotonic cracking tests. The dynamic test results will be compared to the monotonic cracking tests.  - We have prepared additional field cores and laboratory mixtures for testing.  - We continue to analyze the results of various laboratory tests to evaluate the rutting and cracking resistance of asphalt mixtures and compare the field performance to laboratory test results.  - We are working on preparing a journal paper and the final report.			
Summarize Work Completed to Date (Milestones Completed and Dates) (List Major Activities that were completed, including completion dates.) The research team completed Task 1 (literature review), Task 2 (identify and select pavement sites for evaluation), and Task 3 (conduct field performance evaluation and collect cores and virgin materials). We are still working on Task 4 (conduct laboratory performance tests). Please see GANTT chart attached.			
List Information Required from ITD to Avoid Delays			
List Changes in Scope or Complexity that Requires a Supplemental Agreement or Time Adjustments			
Printed Name Emad Kassem	Title Principal Investigator	Consultant's Signature <i>Emad Kassem</i> <i>Bart In</i>	

# Professional Agreement Invoice and Progress Report

ITD 0771 (Rev. 01-17)

Idaho Transportation Department

itd.idaho.gov

## 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	Program Number	Progress Report Number	Agreement Number
		23	UI-17-01
Agreement Time	Time Passed	Percent of Agreement Time Elapsed	Percent of Work Completed
32 months	24	74.00%	87%
Original Agreement Amount	Supplemental(s)	Current Agreement Amount	Payments (Including this Payment)
\$169,998.97	\$0.00	\$169,998.97	\$144,512.27
Percent of Agreement Dollars Paid			
85.01%			
Prompt Payment To Subconsultant(s) Verified	Fixed Fee	This Invoice	To Date
<input type="checkbox"/> Yes <input type="checkbox"/> No	\$	\$	\$
Negotiated			
If There is a Significant Variance Between the Percentages, Please Explain			
Consultant Invoice Number	This Payment Amount		
Invoice #19	\$1,402.28		
Report Reviewed By			Review Date

## Consultant Performance To Be Completed Monthly by the Agreement Administrator

Work planned for this period was completed	Quality of work was completed satisfactory	Discussed performance with Consultant
<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Explain		
Performance: Describe the Consultants performance during this period		

**Progress Payment:** I certify that the Agreement provisions have been reviewed, the invoice amount checked, progress is substantiated, significant material expenses have support documentation (receipts), and the costs billed are project related and represent the work accomplished. I hereby approve the progress estimate for payment.

**Final Payment:** I certify that all work under the terms of the Agreement has been satisfactorily completed, any capital assets acquired have been delivered or value received, an affidavit of indebtedness received, and the project reviewed or audited and costs verified for work performed. I hereby approve final payment under the Agreement.

Agreement Administrator's Signature	Date	Second (Independent) Reviewer's Signature

ITD RP261: KLK581: UI-17-01

		Yr 2016	Yr 2017											Yr 2018											
		Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Task 1	Literature review	5%	20%	50%	75%	100%																			
Task 2	Identify and select pavement sites for evaluation			20%	40%	50%	60%	90%	90%	95%	100%														
Task 3	Conduct field performance evaluation and collect cores and virgin materials				10%	20%	25%	30%	40%	40%	50%	55%	65%	75%	80%	80%	85%	85%	100%						
Task 4	Conduct laboratory performance tests						3%	5%	10%	13%	17%	25%	28%	33%	40%	50%	60%	65%	70%	75%	80%	85%	88%	90%	92%
Task 5	Comprehensive evaluation of laboratory and field performance data											3%	5%	10%	15%	30%	40%	55%	60%	70%	75%	80%	85%	87%	90%
Task 6	Develop performance test specifications																	10%	25%	35%	50%	70%	75%	80%	
Task 7	Prepare the Final report																		10%	15%	20%	30%	40%	45%	