



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 266	Project Name ITD Skid Resistance Pavement	Date 6/6/2018
Agreement Administrator James Poorbaugh		Progress Report Number KLK583-12	Agreement Number UI-17-03
Consultant's Name			Report/Billing Period (From and To) 5/1/18-5/31/18
Prompt Payment To Subconsultant(s) Verified <input type="checkbox"/> Yes <input type="checkbox"/> No		Authorization Number	Invoice Number Invoice #9
Describe Work Accomplished During the Month (List Major Activities that were in progress during this period and estimate the remaining time for each.) - We have developed a draft version of the Excel-based application that uses the ITD friction data and the regression models to produce the skid number at the desired speed. This tool will be finalized once the regression models are refined with the new data. - We continue to conduct statistical analysis on the skid data collected so far. - We are planning to spend three weeks this summer to collect more data in the field. We contacted ITD to provide the team with the schedule of skid data collection for this summer.			
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) and identified the test sites for evaluation under Task 2. SEE ATTACHED GANTT form			
List Information Required from ITD to Avoid Delays We look forward to hearing from ITD about the skid testing plan this summer. The team is ready to collect field data as soon as the ITD crew is ready.			
List Changes in Scope or Complexity that Requires a Supplemental Agreement or Time Adjustments			
Printed Name Emad Kassem		Title Principal Investigator	Consultant's Signature

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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	Program Number	Progress Report Number	Agreement Number
		12	UI-17-03
Agreement Time	Time Passed	Percent of Agreement Time Elapsed	Percent of Work Completed
25	12	48.00%	27%
Original Agreement Amount	Supplemental(s)	Current Agreement Amount	Payments (Including this Payment)
\$119,999.71	\$	\$119,999.71	\$49,030.80
Percent of Agreement Dollars Paid			
40.86%			
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 #9	\$6,291.44		
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

Distribution: DRI (Original) - Project File

Copy - Prime Consultant

2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

		Yr 2017						Yr 2018						Yr 2019												
		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
Task 1	Literature review	25%	50%	100%																						
Task 2	Identify and select pavement sites for evaluation	15%	30%	40%	50%	65%	70%	85%	100%																	
Task 3	Measure skid number at different speeds	5%	15%	20%	40%	40%	40%	40%	40%	40%	40%	40%	40%	45%												
Task 4	Measure the surface friction characteristics	5%	15%	20%	40%	40%	40%	40%	40%	40%	40%	40%	40%	45%												
Task 5	Analyze the collected data				10%	20%	25%	30%	40%	50%	55%	65%	70%													
Task 6	Establish correlations at different speeds									20%	30%	35%														
Task 7	Prepare the Final report																									
Deliverable No.					1			2					3							4				5	6	