

MnDOT Master Contract Quarterly Project Report

Project Title					Quarter Ending Date
Improve Material Inputs into Mechanistic Design Properties for Reclaimed HMA & RCA Roadways					6/30/2020
Contract No.	Work Order No.	MnDOT Project Coordinator	MnDOT Technical Liaison	Project Authorization Date	Project Expiration Date
1035212		Deb Sinclair	Timothy Lee Andersen	12/12/2019	2/28/2021

Principal Investigator

Name	Organization
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Co- Principal Investigator

Name	Organization
Tuncer Edil	Geoengineering Consulting, LLC

Task Updates

1 Title and Description					
Initial Memorandum on Expected Research Benefits and Potential Implementation Steps					
Deliverables					
A memorandum providing initial estimates of expected research benefits, documentation of the methodology, and potential implementation steps					
Progress on Task					
Completed					
Budget	Due Date	Date Delivered	% Task Complete	Date Approved	Task Approved
\$3,000	02/29/2020	2/10/2020	100	3/26/2020	3/26/2020
2 Title and Description					
Data Collection					
Deliverables					
An interim report and webinar					
Progress on Task					
On going approximately 50 different reports/journal articles/conference proceedings were examined. The RCA and RAP materials for the available data was captured from the states of Minnesota, Colorado, Michigan, California, Texas, Ohio, New Jersey, Wisconsin, Illinois, Montana, Virginia, Florida, Tennessee, Maryland, New Mexico, Washington, Utah and Rhode Island. The laboratory data of more than 40 different recycled samples were collected in terms of mechanical properties. Most of the samples used in the studies were 100% recycled materials. Draft of the task report is prepared and revisions are under progress. Task 2 report will be delivered in August 2020. More detailed information can be found in the attached summary document					
Budget	Due Date	Date Delivered	% Task Complete	Date Approved	Task Approved
\$17,000	8/31/2020	-	90	-	-
3 Title and Description					
Sensitivity Analyses					
Deliverables					
Presentation to the TAP; Interim Report					

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Progress on Task					
On going					
Budget	Due Date	Date Delivered	% Task Complete	Date Approved	Task Approved
\$5,000	10/31/2020	-	10	-	-
4 Title and Description					
Final Report					
Deliverables					
Final published report					
Progress on Task					
On going					
Budget	Due Date	Date Delivered	% Task Complete	Date Approved	Task Approved
\$5,000	2/28/2021	-	-	-	-
5 Title and Description					

Future Plans					
In August – A presentation will be given to the TAP.					
It is expected to submit the Task 2 report to the TAP.					
Problems Encountered and Actions Taken					