



Project Status Report: CEE-2017 CPST-010: MATERIALS TESTING DATABASE AND WEB APP DEVELOPMENT PROJECT

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<p>1) Summary of technical/non-technical challenges encountered</p> <ul style="list-style-type: none">• How do we make database user-friendly for when it is handed back to Jones & DeMille?• Most of the grades and proctors are entered into the database, so what other information can we gather that would be useful for Lab Manager?• Mark is not sure where a lot of the pit locations are. How do we find those locations?• Ran into some very recent chart reports from 2018. How will we ensure Lab Manager starts with a completely up-to-date database?	<p>2) Team approaches/resolutions to overcome challenges</p> <ul style="list-style-type: none">• Create a user form in excel to make data entry user-friendly• Start going back through project folders and add in other tests to the database, such as LA wear, sodium soundness, CBR. Possibly also Atterburg Limits and Unit Weight tests.• Call pit managers around Utah to get their exact locations.
<p>3) Status of challenge resolutions & potential project impacts</p> <ul style="list-style-type: none">• All challenges are being resolved.• At the end of the project, we will need to go back through and find 2018 chart reports to make sure everything is 100% up-to-date.	<p>4) Project Status & Summary</p> <ul style="list-style-type: none">• About 800 samples have been entered into the database.• Open 2016 projects are complete (all grades and proctors).• Open 2017 projects are completed through July (all grades and proctors).• Archived projects are complete (all grades and proctors). <p>STILL NEED TO DO:</p> <ul style="list-style-type: none">• Complete open 2017 project folders (grades and proctors)• Enter in all other tests (as specified above)• Find locations on any pits that do not have coordinates yet. <ul style="list-style-type: none">• Completing the database will take us to mid-February or the end of the month. This will allow plenty of time to optimize the interface and import the data into ArcGIS, ready for the Lab Manager's use.