

Project Status Report: CEE-2017CPST-001: Arrowhead Structural/Geotechnical

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<div><div>1) Summary of technical/non-technical challenges encountered</div><div><ul style="list-style-type: none">Figuring out what loads to use (Dead, Live, Snow) for each building analyzed.Limited access to the building.Were not able to obtain structural drawings.Understanding what geotechnical information is required beyond what we already have.Still waiting to hear back from sponsor.</div></div>	<div><div>2) Team approaches/resolutions to overcome challenges</div><div><ul style="list-style-type: none">Currently researching loads to use. We have a general commercial load case that we can use if no other specific loads are found.Only one area of building was closed and we were informed that it had the same wood framed structure as other parts of the site.During site visit, we took extensive record of the existing structure. Structure that was visibly failing (split members, sagging/bowing, corrosion, water damaged, displaced columns, etc.) was photographed for needed restoration evidence.Determined that the lower two site's are in a flood plain.</div></div>
<div><div>3) Status of challenge resolutions & potential project impacts</div><div><ul style="list-style-type: none">We are still researching loads and performing analysis on members.Column analysis in progressWe are currently researching geotechnical data around site.</div></div>	<div><div>4) Project Status & Summary</div><div><ul style="list-style-type: none">We are in the process of structural analysis on steel frame.Determined which structures need to be replaced.Located potential flood plain.Completed site visit and necessary measurements have been recorded.We are currently discussing what else is needed for both geotechnical and structural portions of the project.</div></div>