

UAA Professional Development Seminar Series

The Life of an Infrastructure Project Houston High School

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ABSTRACT Every design project has a lifecycle. This presentation throughly details the lifecycle of a vertical construction project, specifically Houston High School. Houston Middle School suffered significant structural damage from the 2018 magnitude 7.1 earthquake that struck Southcentral Alaska. The RESPEC team inspected the structure for damage to determine necessary repairs. Initially, the Mat Borough hoped to salvage two thirds of the building structure and the telecom system. However, the integrity of the structure was severely compromised, MatSu moved to condemn the building, and design of a new school facility was undertaken. To design this brand new school, RESPEC provided a multidisciplinary team, working with BDS Architects. This presentation will show many of the damaged elements of the building as well as the design scheme of the new school currently operating as part of the Mat Borough District.

BIO: Amy Mestas is the RESPEC Anchorage Region Facilities Group Manager, a Multidisciplinary Professional Engineer, and a Licensed Professional Engineer in the State of Alaska.