

# Civil and Environmental Engineering Department Senior Design Colloquium – December 18, 2020

The Civil and Environmental Engineering Department is pleased to invite the University community to attend the fall 2020 senior design team presentations. This semester students have undertaken a wide range of projects to fulfill the Department's senior design requirement. Presentations will run from 8 am – 12 pm.

- Zoom links are included in the presentation information below -

## Parking Garage Replacement Project for the City of Houghton, MI

### 8AM – The Parking People

Zachary Cole (PM), Andrew Medaugh, Meng Wu, Jack Williams

### 8:30AM – JIME Consulting

Maria Carpita (PM), James Huey, Eric Sabourin, Ian Meeder

### 9AM – Parking Structures Inc

Jared Thiele (PM), Emily Berkompas, Shelby VanAssche, Kagen Griffith

### 9:30AM – SPJ Consultants

Derrick Sullivan (PM), Richard Juntunen, Derek Pietila, Danny Jones

Advisor: Dr. Daniel Dowden, PE, SE

Zoom link: <https://michigantech.zoom.us/j/99657037897>

## Proposed All-Season Route US41 to M-38 Connector, Baraga County Road Commission

### 9AM – Road Layout, Design, Traffic & Safety Engineering - *JACC Consulting*

Cyle Kugelard, Alyx Thayer, Jacob Breckler, Carly Bulleit

### 9:30AM – Wetland Mitigation, Stormwater Management, Drainage Design - *BBES*

Caitlin Cerza, Clint Campbell, Emma Wingard, Alex Julson

## MnDOT I-35W Stormwater Storage Facility, Brierley Associates

### 10AM – Storm Sewer Diversion Structure and Sitework - *Hurricane Engineering*

Taylor Pelton, Lucas Marion, Sinwon Lee

### 10:30AM – Underground Gravity Drained Stormwater Storage Facility - *Gravity Drain Solutions*

Karl Heindlmeyer, Tyler LeMahieu, Carly Huggins, Mary Jarvis

### 11AM – Below Grade Pumped Stormwater Storage Facility - *BGP Inc.*

Adam Cerney, Xochitl Villezcas, Clay Hildebrand

Advisor: Dr. Melanie Kueber Watkins, PE

Zoom link: <https://michigantech.zoom.us/j/93954468341>

## Stream Crossing Improvements Baraga County Road Commission & KBIC

### 8AM – Second Sand Beach Road Stream Crossing, L'Anse, Michigan - *CDS Engineering*

Stephen Anderson, Caroline Cotter, Danielle Lautenbach

### 8:30AM – Gristmill Road Stream Crossing, Baraga County, Michigan - *TCT Engineering*

Travis Havercamp, Tye Pennala, Cole Ruohonen

## Water Supply/Treatment for Adjei Kojo, Ghana

### 10AM – Water Supply System for Adjei Kojo, Ghana - *Borealis Engineering*

LeAnn Brinker, Maya Chappell, Andrew Lewinski, Andrew Wells

### 10:30AM – Water Treatment and Wastewater Disposal Systems for Adjei Kojo, Ghana - *AWE Engineering*

William Bailey, Elizabeth Esmacher, Andrew Tyckoski

## Wastewater Collection/Disposal for Kuna Nega, Panama

### 11AM – Wastewater Collection and Disposal System for Kuna Nega, Panama - *LOU Consultants*

Katelyn Palmcook, Benjamin Reuss, Yifan Zhang

Advisor: Dr. Dave Watkins, PE

Zoom link: <https://michigantech.zoom.us/j/83738494755>