

# IOWA ENGINEERING CONFERENCE

MARRIOTT- WEST DES MOINES  
MAY 18-19, 2022



## Iowa Engineering Conference

The Iowa Engineering Conference is sponsored by two engineering organizations with two missions, but one vision. ACEC-Iowa works to advance the business interests of Iowa's consulting engineering firms. The Iowa Engineering Society works to promote the ethics and expertise of Iowa's licensed Professional Engineers.

Together their vision is -To protect the health, safety and welfare of the public through the practice of the engineering profession.

The conference will be offering 10.0 professional development hours.

The Engineering Excellence Awards Reception and Dinner will be Wednesday, May 18.

**THANK YOU FOR  
ATTENDING THE  
2022  
IOWA ENGINEERING  
CONFERENCE!**

  
**ACEC**  
American Council of Engineering Companies  
of Iowa

 **Iowa Engineering Society**  
Professional Engineering  
Advocacy, Education and Recognition

# CONFERENCE SCHEDULE

## Wednesday, May 18, 2022

**9:00** Welcome

**9:05-9:20** | Engineering Excellence  
Presentation for Special Projects -  
Snyder & Associates

**9:25-9:40** | Engineering Excellence  
Presentation for Water & Waste Water -  
HR Green

**9:45-10:05** | Engineering Excellence  
Presentation for Transportation Category  
-HDR

**10:10-11:10** | The Destructive Power of  
Conflict Avoidance and the Power of  
Honesty  
Presenter: Aaron Mann Esq., Terracon

**11:10-11:30** | Break

**11:30-Noon** | With the Best Defense in  
Place, Things Can Still Go Wrong and  
Mistakes Happen  
Presenter: Lee Ann Wheeler, ACEC  
Business Insurance Trust

**12:00- 1:15** | Order of the Engineer  
Luncheon with Business Meeting

**1:30-2:30** | Inside the Ransomware  
Wave: How to Prevent Attacks—And  
Limit the Damage  
Presenter: Trevor Meers, Pratum

**2:30-2:45** Break

**2:45-3:45** | How to Fix Boring, Stare-a-  
thon Zoom Shows  
Presenter: Mark Mathis, AMERAGE  
Marketing

**3:45-5:00** | Winning the Contract Tug of  
War: Finding Balance in Client Drafted  
Agreements  
Presenters: Karen Erger, and Kevin  
Holland, Lockton, Inc

**5:00** | Engineering Excellence Reception  
and Dinner

## Thursday, May 19, 2022

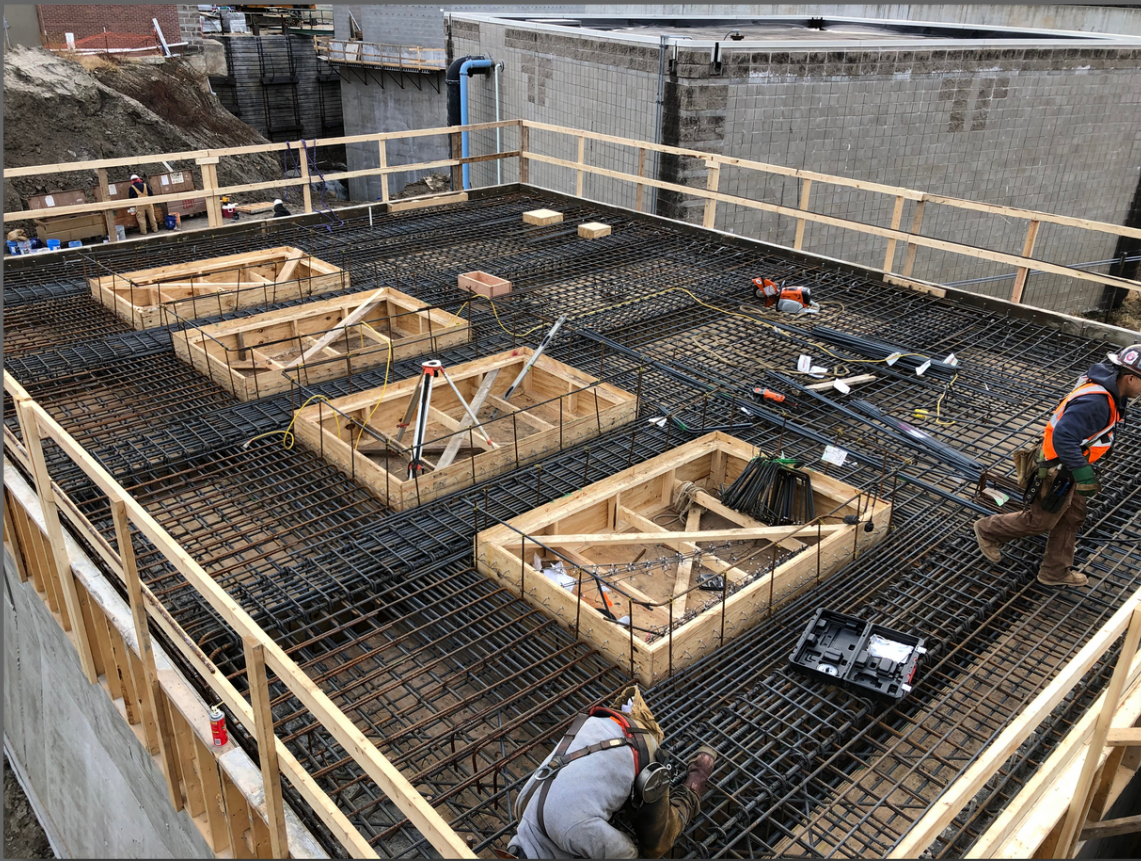
**8:30-9:30** | 3D Models as Legal Documents  
and Open Data Standards  
Presenter: Will Sharp, HDR

**9:30-9:45** | Break

**9:45-11:15** | Show Me the Money  
Presenter: Charlie Purcell, Iowa Department  
of Transportation and Aaron Smith, Iowa  
Finance Authority







## **Major Event Sponsors**

Stanley Consultants  
HDR, Inc.  
HNTB Corporation

## **Session Sponsors**

Felsburg Holt & Ullevig  
Hg Consult  
Klingner & Associates P.C.

## **Coffee Break Sponsors**

Clapsaddle- Garber Associates, Inc.  
JEO Consulting Group, Inc.  
Kirkham Michael Consulting Engineers

# 2022 Engineering Excellence Awards

## Transportation Category

### Grand Conceptor Award

- Council Bluffs Interstate System Dual, Divided Freeway- HDR

### Honor Awards

- The Urban Loop- I-80/I-35 and IA 141- HR Green, Inc.
- E. 1st Street Diverging Diamond Interchange and I-35 Reconstruction Project- Snyder & Associates, Inc. and Shuck Britson, Inc.

### Engineering Achievement Awards

- University Avenue Improvements- Bolton & Menk, Inc.
- Johnson Avenue NW from 1st Avenue SW to Midway Drive NW- Foth Infrastructure and Environment, LLC
- West Broadway/ Hwy 6 Reconstruction- HGM Associates
- Mahaska County Bridge Replacement using ABC Techniques- HR Green, Inc.
- Locust Street Bridge over Des Moines River- Shuck- Britson, Inc.
- Rehabilitation of E. 30th Street Viaduct over Union Pacific Railroad- Stanley Consultants
- IA Hwy 1, 0.6 Miles South of County Road F52- Veenstra & Kimm, Inc.

## Water & Wastewater Category

### Grand Prize

- WRA Eastside Interceptor- HR Green, Inc.

### Honor Award

- 47th & Holcomb Sewer Separation- Snyder & Associates, Inc.

## Special Projects Category

### Grand Prize

- Wetland, Bridge, and Fish Pond Projects in Wanatee Park- Snyder & Associates, Inc.

### Honor Awards

- Lauridsen Skate Park- Snyder & Associates, Inc.
- Bushel Boy Farms Development- WHKS & Co.

### Engineering Achievement Awards

- Great Western Trail Connection- Bolton & Menk, Inc.
- 18th Street Improvement from Ingersoll Avenue to Locust Street- Felsburg Holt & Ullevig
- Des Moines Integrated Corridor Management Study- HDR
- City of Sumner Stormwater Detention Basin-MSA Professional Services, Inc.
- La Porte City Main Street Rehabilitation- MSA Professional Services, Inc.
- Nathan's Miles Glow- in- the- Dark Trail- Shive- Hattery, Inc.
- High Trestle Trail Extension- SW Ordinance Road to SE Magazine Road- Snyder & Associates, Inc.