

2024

# ROAD DESIGN CONFERENCE

CAMPBELLS RESORT  
MARCH 20-22



CONFERENCE

# AGENDA

# GENERAL INFORMATION

## Welcome to the 2024 Road Design Conference!

We are so excited to have you join us for a full line up of educational speakers, industry trends, networking opportunities and social activities over the next three days.

You'll see some familiar faces and some new ones this year, so be sure to swing by the exhibitor booths to connect with our speakers, sponsors and CRAB staff.

And, as always, we value and welcome your feedback. Let us know the content, training and opportunities you'd like to see in future conferences!

The Road Design Conference Team



Brian Bailey



Jason Bergquist



Jacque Netzer



Front Desk - 0  
Bungalow Cafe - 7614  
Veranda - 7616

- L Laundry
- P Pool
- H Hot Tub
- E Elevator
- I Ice/Soda Machine
- R Recycle
- F Fitness Center

- 1. Front Desk & Lobby
- 2. Terrace
- 3. 2nd Floor Pub & Veranda
- 4. Bungalow Cafe
- 5. Conference Center
- 6. River Room
- 7. Park Room
- 8. Lakeside Room
- 9. Beach Bar
- 10. 5423
- 11. Cabin 175
- 12. Cabin 176
- 13. Auxiliary Parking

## Venue Information

Campbell's Resort  
104 W Woodin Ave, Chelan, WA 98816  
509.682.2561

*Check-in is at 4:00pm and guests are welcome to pre-register at the Front Desk to be notified when their room is available. Check-out is at 11:00am and late check out will not be available.*

## Registration

*Registration begins Wednesday morning at 7:30am and will continue all day.*

*Swing by the registration booth to pick up your name badge and ask any questions you may have.*

# GENERAL INFORMATION

## **Connect with your fellow attendees outside of the classroom!**

*In addition to the variety of restaurants available for dinner in Chelan, we will be offering a variety of social events during the conference! Experience some fresh air on the green, kick back and enjoy some appetizers and drinks, and hit the lanes for a night of bowling.*

**GOLF TOURNAMENT** | Tuesday, March 19 at 10:30am  
Desert Canyon Golf Course | 1201 Desert Canyon Blvd. Orondo, WA 98843

**RECEPTION** | Wednesday, March 20 at 6:00pm  
Campbell's Resort | Presidential Suite #5423

**BOWLING SOCIAL** | Thursday, March 21 at 7:00pm  
Chelan Lanes | 518 W Manson Hwy, Chelan, WA 98816

**Carlson**  
**Precision3D Hydrology**

OUTLET 36"  
INW/P

Precise Inlet Placement with Curb Snap

Collision Detection in 3D

Design in 3D  
Output in CAD

www.carlsonsw.com

6" DI, 44.8'

22.5°

45° CAD Detail

6X6X6 TEE

Length: 13.299'  
Slope: -0.143%

Slope: -0.910%

A201.54'  
R100.00'  
BY: WCC/154' E 1  
C169.12'

6" DI, 44.8'

22.5°

45° CAD Detail

6X6X6 TEE

**SAVE  
THE DATE!**

**MARCH 18th -20th  
2025**

**ROAD DESIGN  
CONFERENCE**

**CAMPBELLS RESORT  
CHELAN WA**

# WEDNESDAY | MARCH 20

7:30 - 5:00pm

**Registration | Foyer**

7:30 - 8:30am

**Breakfast | Centennial Ballroom**

*Sponsored by Autodesk, Inc.*

8:30 - 8:50am

**Welcome and Introductions**

8:50 - 9:20am

**Keynote Address**

*Andrew Milford*

9:20 - 10:20am

**Subassembly Management**

*Andrew Milford*

10:20 - 10:30am

**Break**

10:30 - 11:30am

**AI in Autodesk**

*Edmundo Herrera*

11:30 - 1:00pm

**Lunch | Centennial Ballroom**

*Sponsored by Autodesk, Inc.*

1:00 - 2:00pm

**Multi-Baseline Corridor Workflows**

*Andrew Milford*

2:00 - 3:00pm

**Plans Production Tools**

*John Sayre*

3:00 - 3:30pm

**Afternoon Refreshments Break**

*Sponsored by KrahUSA, LLC*

3:30 - 4:30pm

**AI for Data Analytics and Design  
Using Autodesk AEC Collection**

*Edmundo Herrera*

6:00pm

**Reception | Presidential Suite #5423**

**7:30 - 8:30am**

**Breakfast | Centennial Ballroom**  
*Sponsored by Eagle Point Software*

**8:30 - 9:30am**

**Civil 3D Styles, Tips and Tricks**  
*Rick Ellis*

**9:30 - 10:30am**

**Redi-Rock Wall+**  
*Matt Willis*

**10:30 - 11:00am**

**Networking Break**

**11:00 - 12:00pm**

**Revolutionizing Bridge Inspection  
with Cloud-Powered AI Delamination Detection**  
*Ben Lindner*

**12:00 - 1:30pm**

**Lunch | Centennial Ballroom**  
*Sponsored by Alynix*

**1:30 - 2:30pm**

**BricsCAD as a Companion to Civil 3D:  
The Next Chapter**  
*Rick Ellis*

**2:30 - 3:30pm**

**How Aerial LiDAR Can Supplement  
Traditional Survey Methods**  
*Mel Philbrook*

**3:30 - 4:00pm**

**Afternoon Refreshments Break**  
*Sponsored by IMAGINiT Technologies*

**4:00 - 5:00pm**

**Alignments: Taking Complete Control**  
*Kevin Closson*

**7:00pm**

**Bowling Social | Chelan Lanes**  
*Sponsored by Topcon Solutions Store*

7:30 - 8:30am

**Breakfast | Centennial Ballroom**

*Sponsored by Carlson Software*

8:30 - 9:30am

**3D Hydrology Design in Carlson**

*Scott Griffin*

9:30 - 10:00am

**Networking Break and Hotel Check Out**

10:00 - 11:00am

**Exploring Autodesk Construction Cloud:  
Civil Design and Beyond**

*Matt Miyamoto, PE ACI*

11:00 - 11:30pm

**Closing Remarks and Takeaways**



alynix

**COMING SPRING 2024**

Decker, an advanced mobile infrastructure mapping system, includes a UAS (drone/dock) that can be placed near a bridge that collects thermal scans of concrete bridge decks in a time series.

1



Thermal & Color Bridge Scans Uploaded to Cloud

2



Decker Data Science Pipeline Identifies & Maps Areas of Potential Delamination with AI

3



Decker API Reports per FHWA NBIS Compliance to DOT's Asset Management Software



SAFETY & NO TRAFFIC IMPACTS



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COMPACT & MOBILE



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