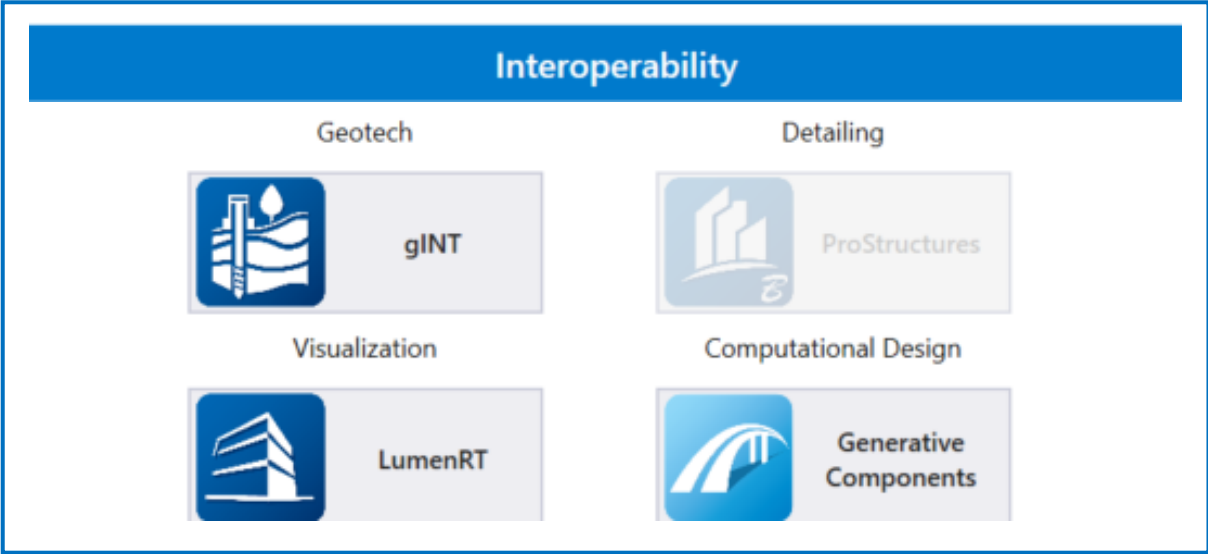
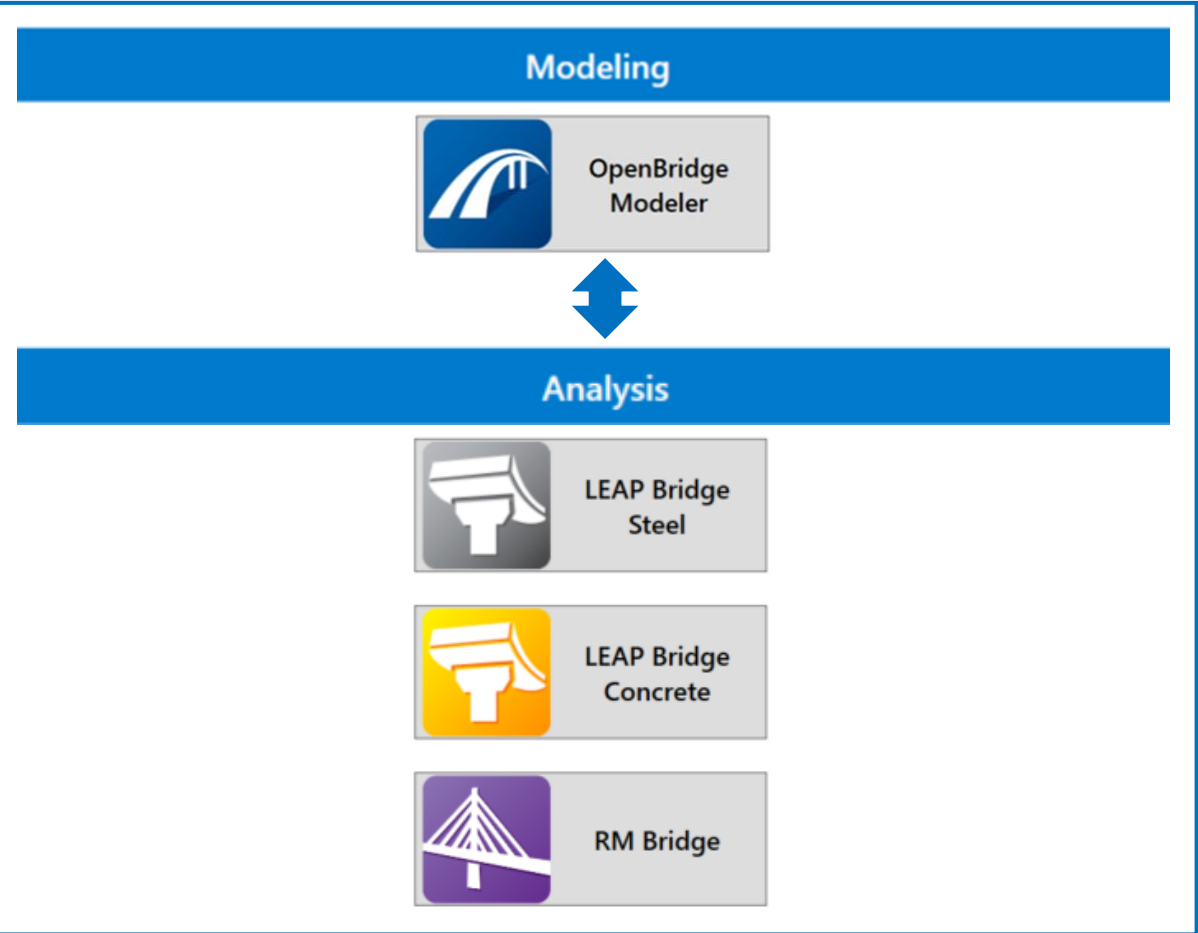
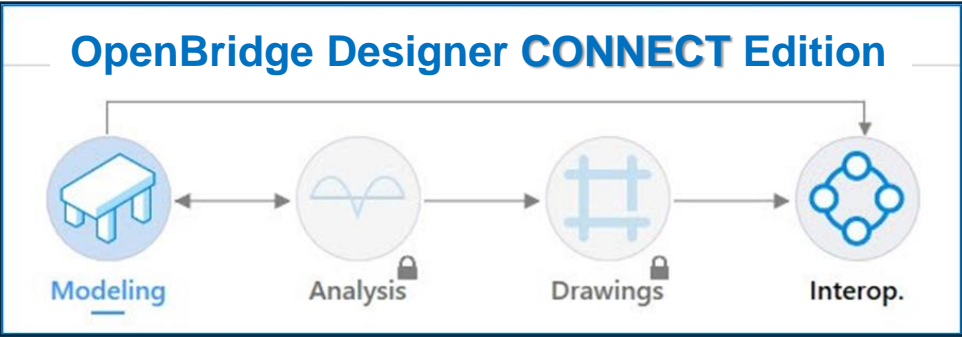




# OpenBridge Designer

CONNECT Edition



# OpenBridge Designer Integrated Workflow

## 3D Physical Modeling

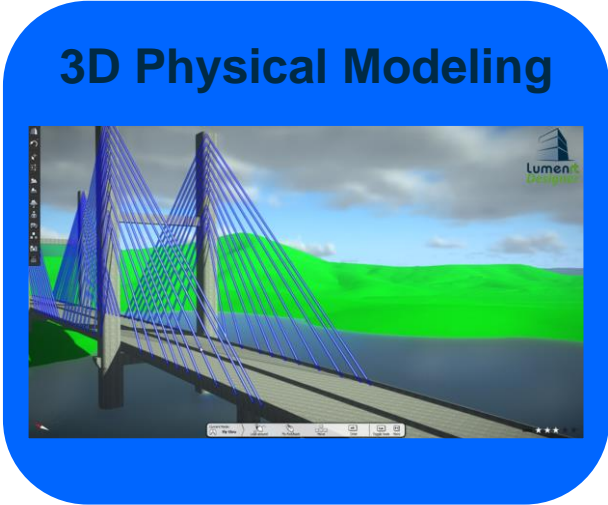
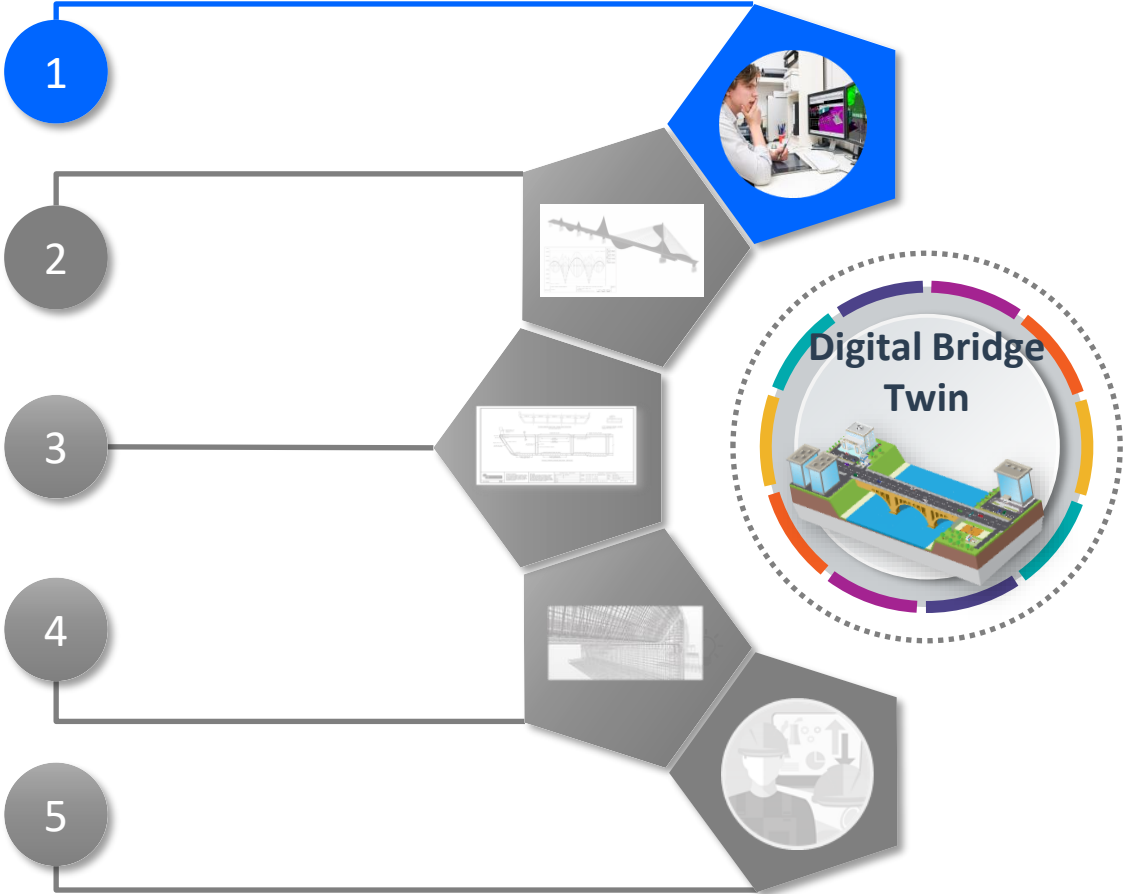
The 3D model is an exact representation of the bridge as it would be constructed in the field.

Analysis & Design

Design Documentation

Reinforcing Detailing

Construction & Operations



# OpenBridge Designer Integrated Workflow

## 3D Physical Modeling

The 3D model is an exact representation of the bridge as it would be constructed in the field.

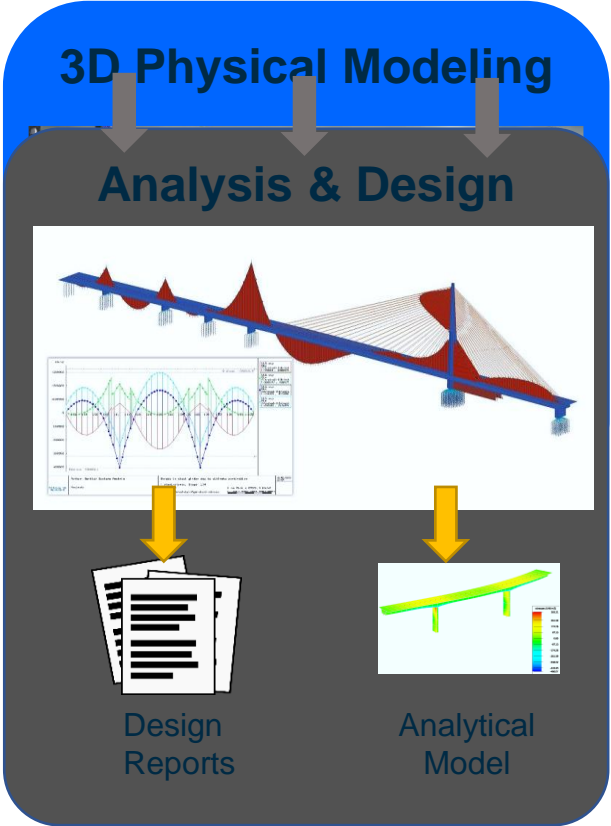
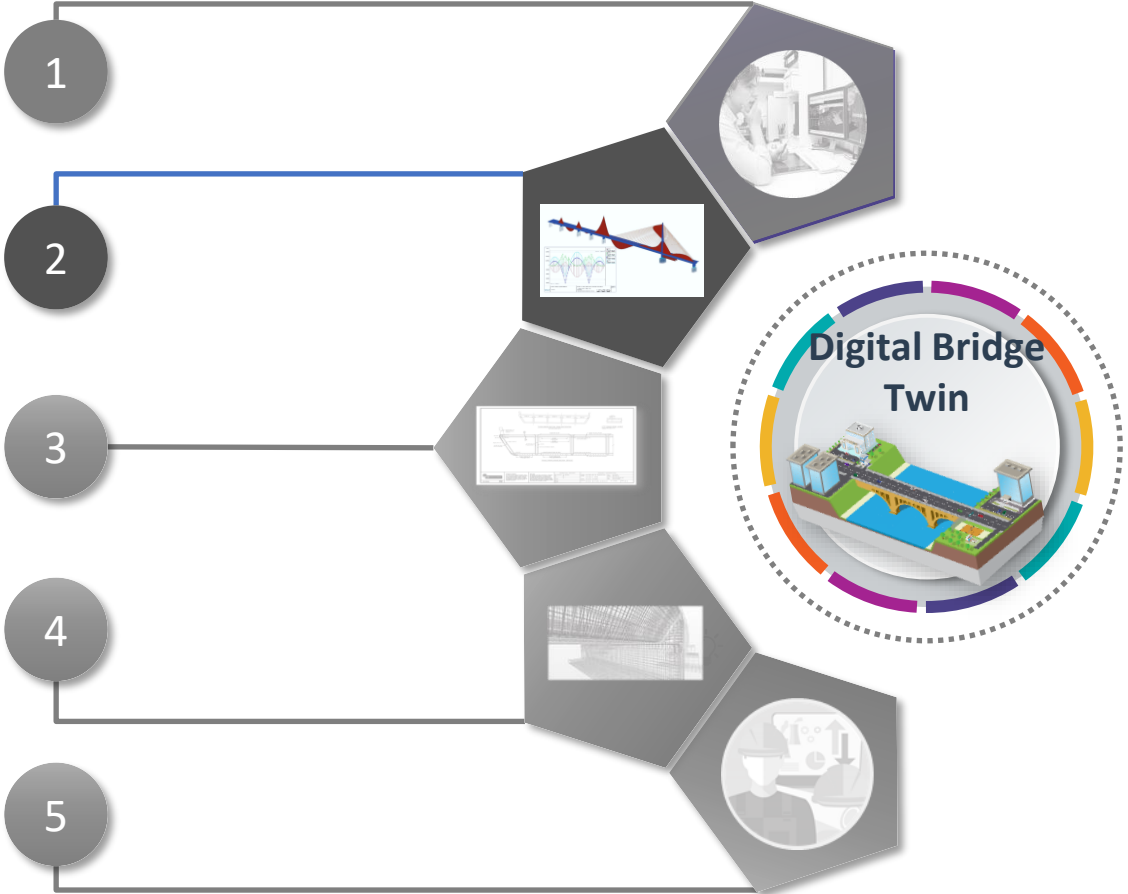
## Analysis & Design

The analytical model is automatically extracted from the physical model for analysis and design process.

Design Documentation

Reinforcing Detailing

Construction & Operations



# OpenBridge Designer Integrated Workflow

## 3D Physical Modeling

The 3D model is an exact representation of the bridge as it would be constructed in the field.

## Analysis & Design

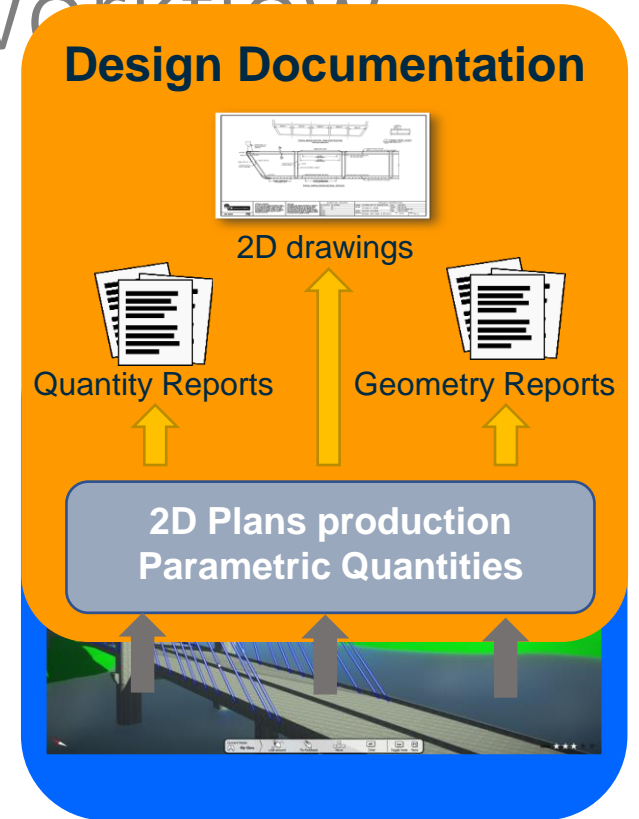
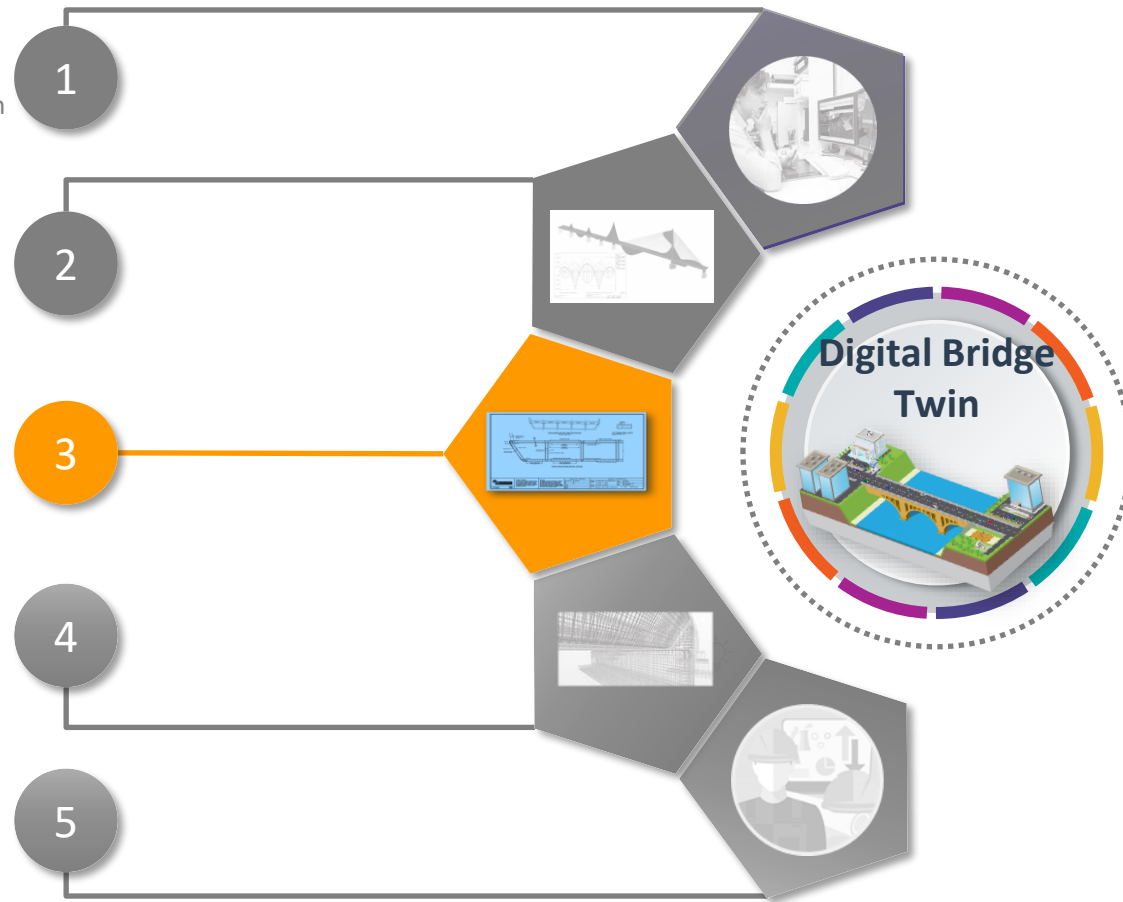
The analytical model is automatically extracted from the physical model for analysis and design process.

## Design Documentation

Produce all required design documentations such as geometry reports, 3D models, annotated 2D drawings.

Reinforcing Detailing

Construction & Operations



# OpenBridge Designer Integrated Workflow

## 3D Physical Modeling

The 3D model is an exact representation of the bridge as it would be constructed in the field.

## Analysis & Design

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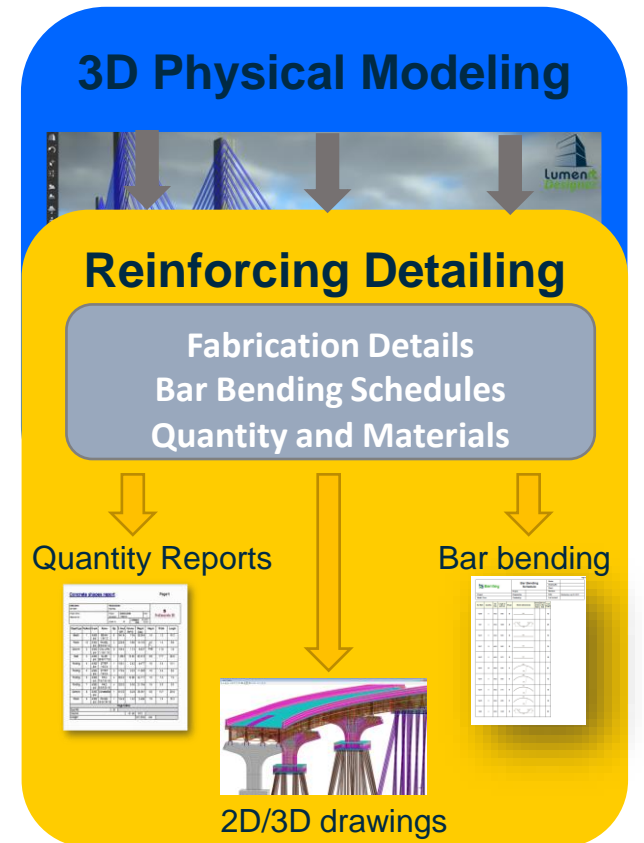
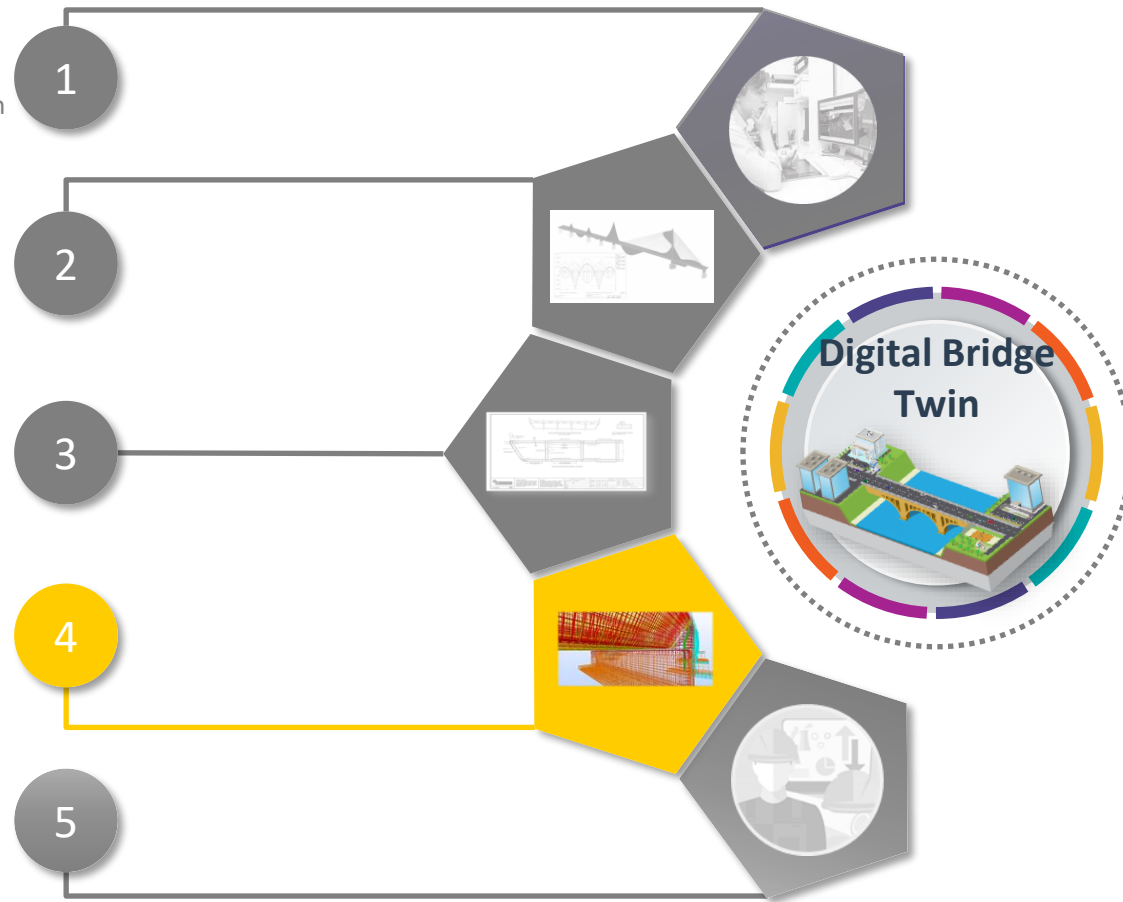
## Design Documentation

Produce all required design documentations such as geometry reports, 3D models, annotated 2D drawings.

## Reinforcing Detailing

Model reinforced concrete as 3D parametric objects and produce drawings, bar bending schedules, and concrete quantity and material reports.

Construction & Operations



# OpenBridge Designer Integrated Workflow

## 3D Physical Modeling

The 3D model is an exact representation of the bridge as it would be constructed in the field.

## Analysis & Design

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## Design Documentation

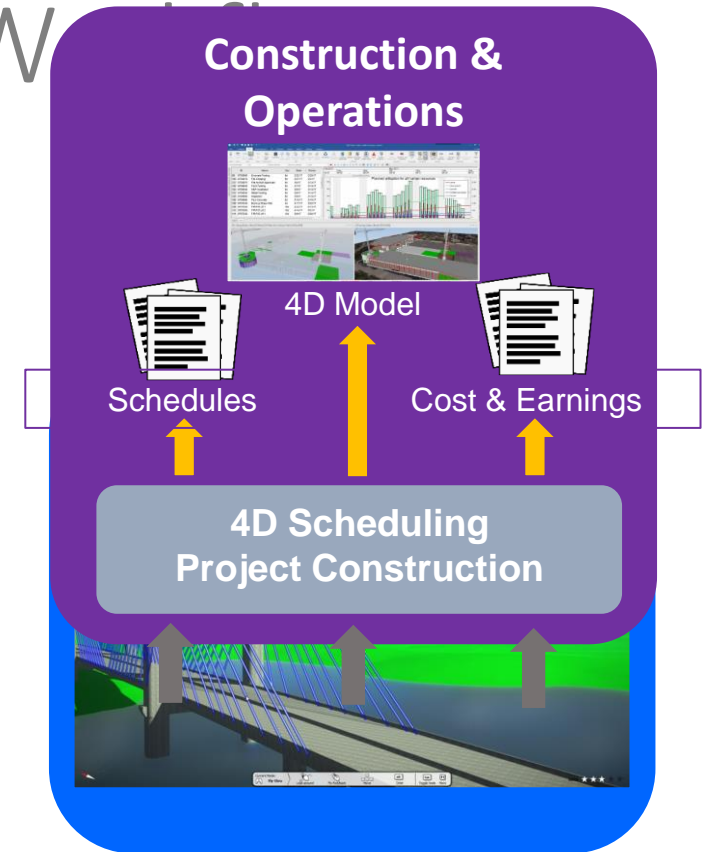
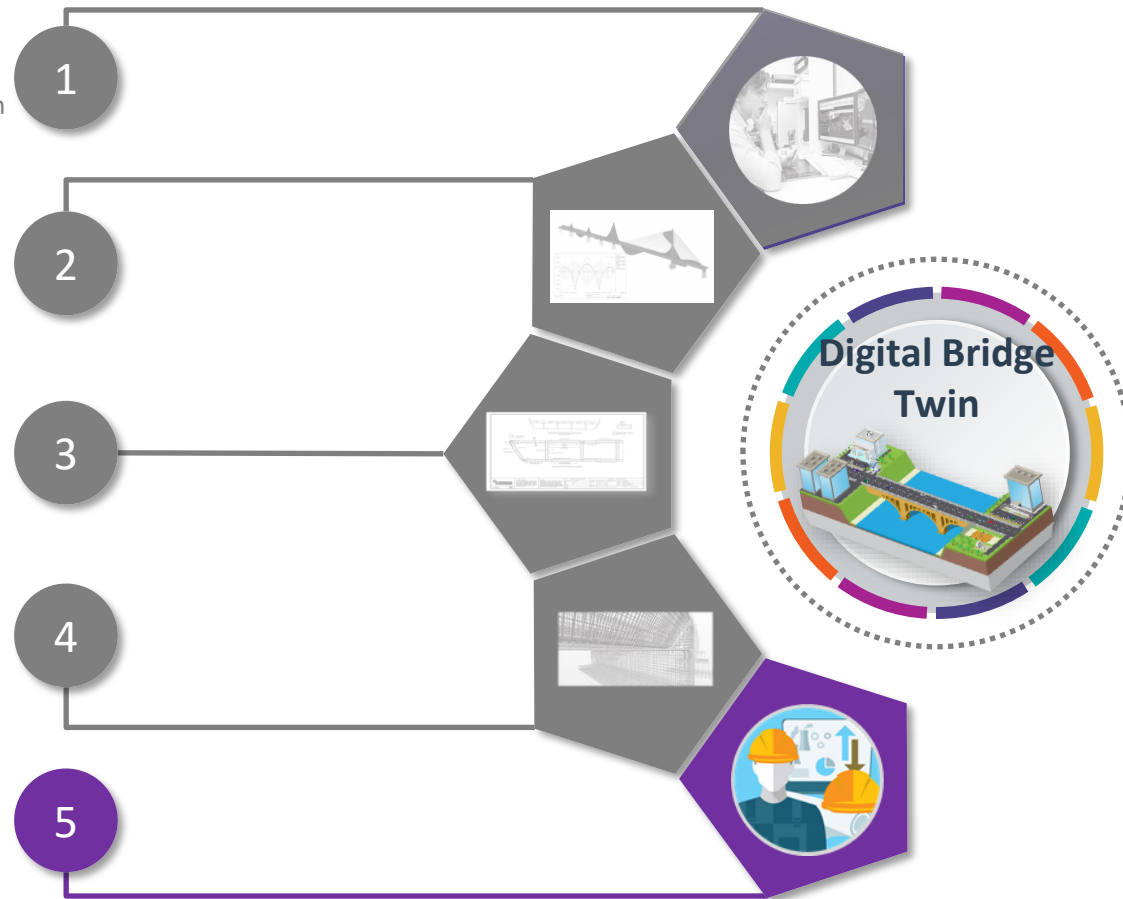
Produce all required design documentations such as geometry reports, 3D models, annotated 2D drawings.

## Reinforcing Detailing

Model reinforced concrete as 3D parametric objects and produce drawings, bar bending schedules, and concrete quantity and material reports.

## Construction & Operations

Plan, Manage, Construct and Track in 4D using the BIM model to schedule and track the bridge construction plan.





Digital Twin