

CIVIL WORKSUITE SAMPLER

Bentley Bash November 2023



ARCHWAY SYSTEMS

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Senior Application Engineer

WHAT IS THE CIVIL WORKSUITE?

- Civil design software bundle
- Virtuosity subscription license

WHAT IS A VIRTUOSITY LICENSE?

- Virtuosity is Bentley's eStore company that handles purchasing of Bentley software online
- A Virtuosity License includes:
 - a 12-month subscription
 - Access to latest version of software
 - One named user per license

WHAT DOES IT INCLUDE?

- Civil Design Software Bundle
 - OpenRoads Designer
 - OpenRoads ConceptStation
 - OpenBridge Designer
 - OpenSite Designer
 - OpenFlows CivilStorm (standalone, 250 links)
 - LumenRT
 - Reality Modeling WorkSuite
 - ProStructures
 - OpenTunnel Designer

LEARN MORE

[Learn more about Civil
WorkSuite on Virtuosity.com](#)

OPENROADS DESIGNER

Complete road engineering solution

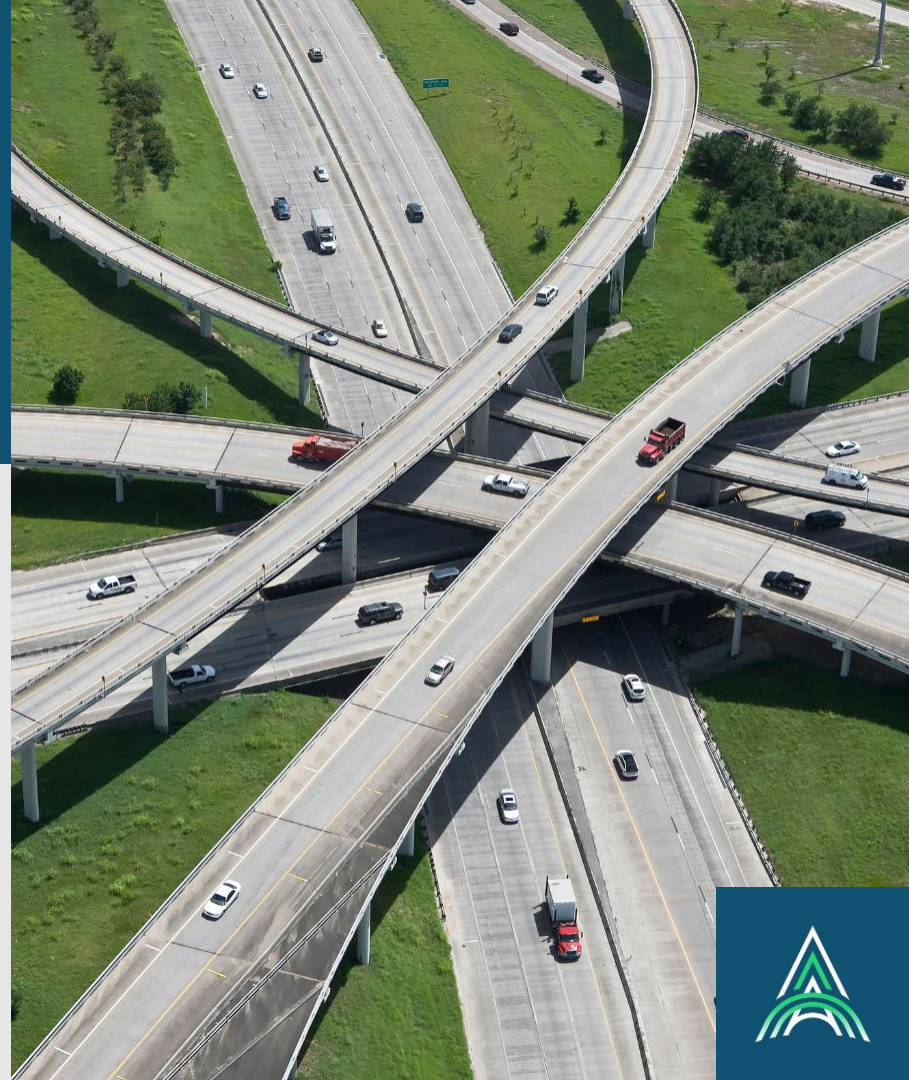
- Model and design corridors, intersections, drainage, utilities, site grading, and more
- Automated sheet and label creation
- Dynamic profiles and cross-sections



OPENROADS CONCEPTSTATION

Create multiple designs in a fraction of the time

- Incorporate contextual data
- Generate quantities and cost reports
- Communicate design intent



OPENBRIDGE DESIGNER

Modeling, analysis, and bridge design

- Multi-discipline collaboration
- Documentation and Constructability
- True BrIM capabilities



OPENSITE DESIGNER

Site design, engineering, and land development

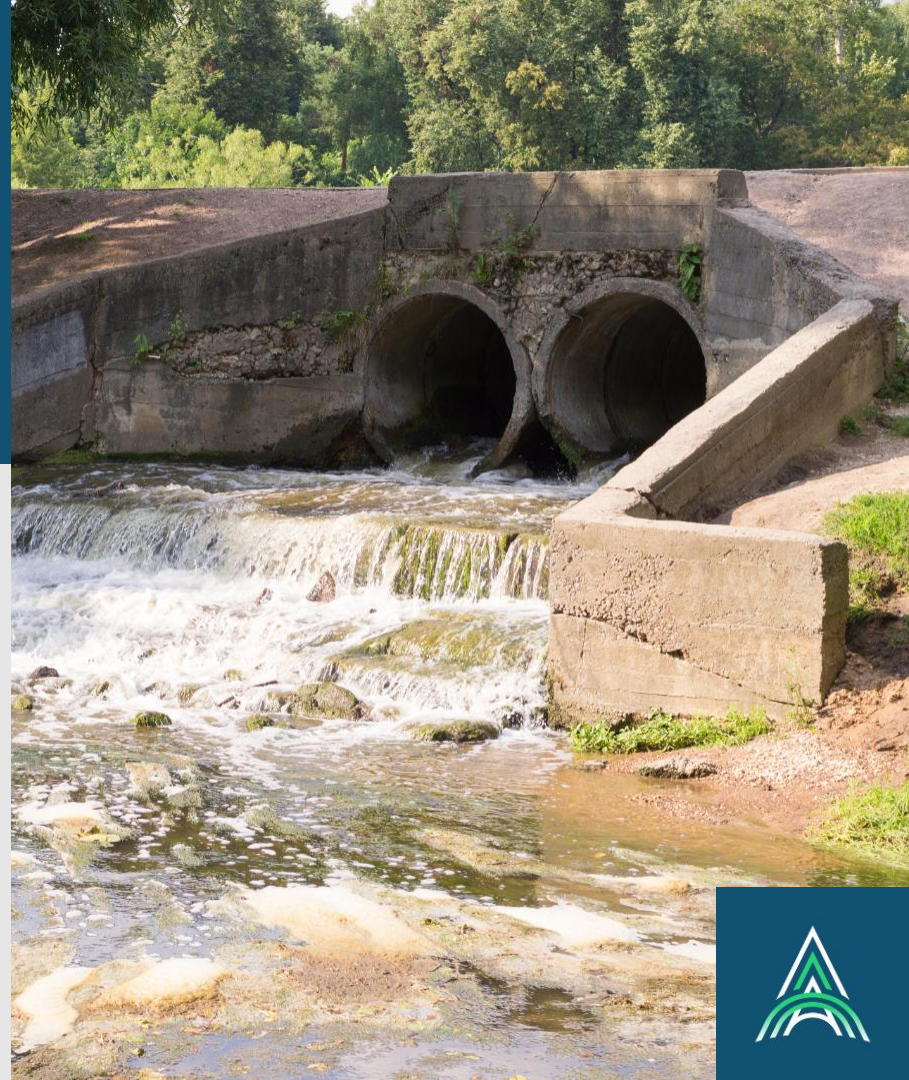
- Create and optimize design scenarios quickly
- Understand financial implications and project feasibility



OPENFLOWS CIVILSTORM (STANDALONE 250 LINKS)

Integrated utility design and analysis

- 1D/2D hydraulic analysis
- Intuitively analyze complex stormwater systems



LUMENRT

Real-time visualization software

- Access rich content for animations
- Create photo-realistic visualizations in seconds
- Fast-track stakeholder buy-in and project understanding



REALITY MODELING WORKSUITE

Collect, consume, and share field data

- Create scalable 3D meshes
- Design in a real-world context
- Increase precision and minimize survey rework



PROSTRUCTURES

Steel detailing and reinforced concrete design

- Intuitively model parametric structures
- Produce design and construction documentation
- Track and rollback structural changes



OPENTUNNEL DESIGNER

Comprehensive tunnel design software

- Data integration with soil strata and linear infrastructure models
- Model, simulate, and detail full tunnel designs
- Automated drawing generation





LET'S TALK PRICE FOR A MINUTE





VIRTUOSITY SUBSCRIPTIONS

INDIVIDUALLY

OpenRoads Designer	\$6,057
OpenRoads ConceptStation	\$3,902
OpenBridge Designer	\$8,057
OpenSite Designer	\$2,546
OpenFlows CivilStorm (standalone, 250 links)	\$2,926
LumenRT	\$1,823
Reality Modeling WorkSuite	\$3,902
ProStructures	\$7,663
OpenTunnel Designer	\$6,057
Total:	\$42,933

*prices as of October 2023





VIRTUOSITY SUBSCRIPTION CIVIL WORKSUITE

Civil WorkSuite

\$4,950

*prices as of October 2023





VIRTUOSITY SUBSCRIPTION CIVIL WORKSUITE

Civil WorkSuite \$4,950

versus

Compared to Individual licenses \$42,933

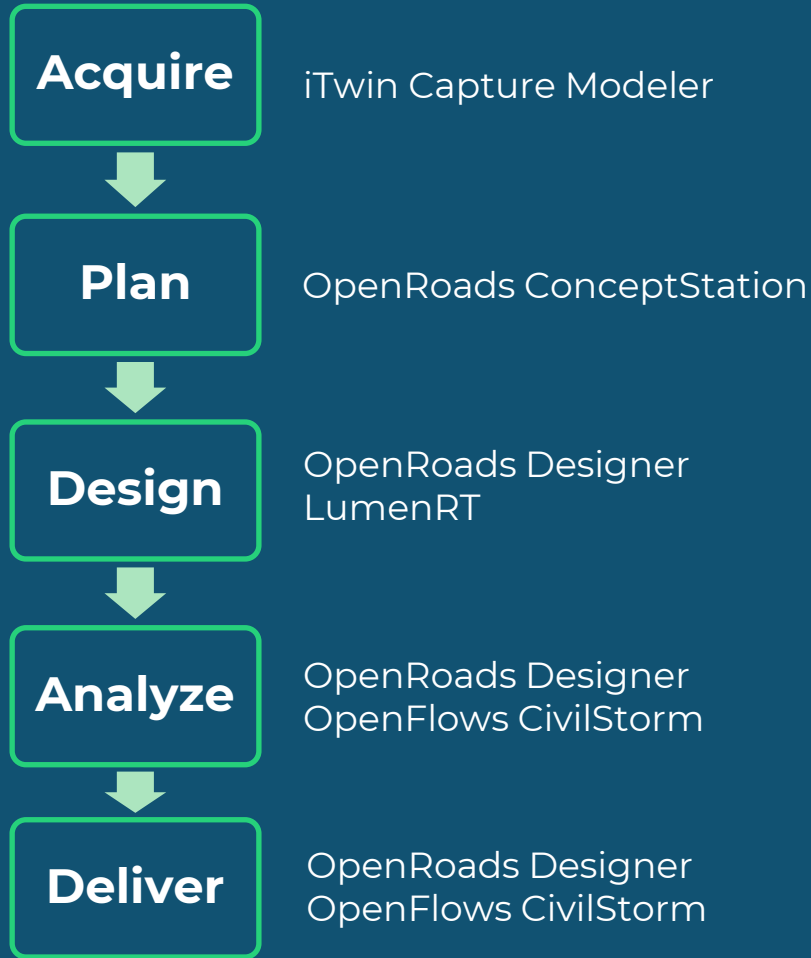
*prices as of October 2023





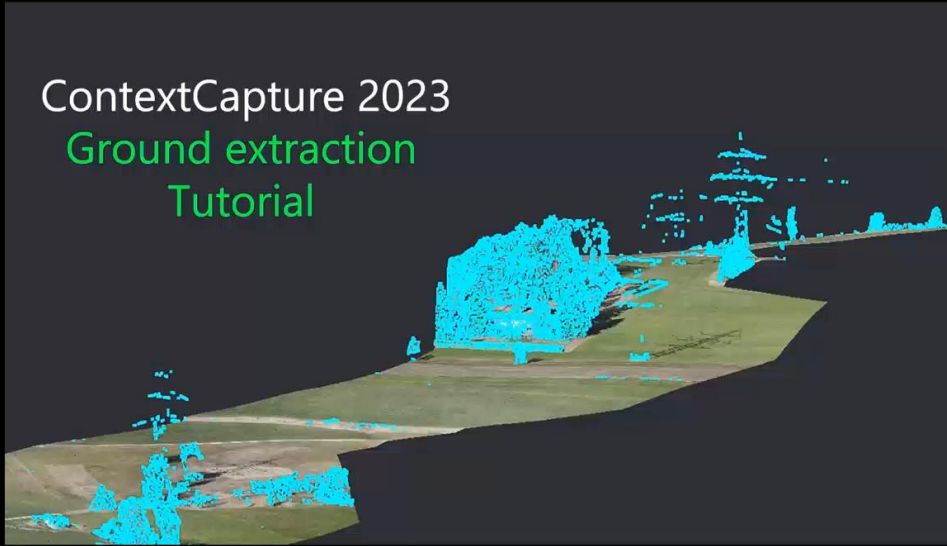
POSSIBLE WORKFLOWS

ROAD DESIGN



ROAD DESIGN

ContextCapture 2023
Ground extraction
Tutorial



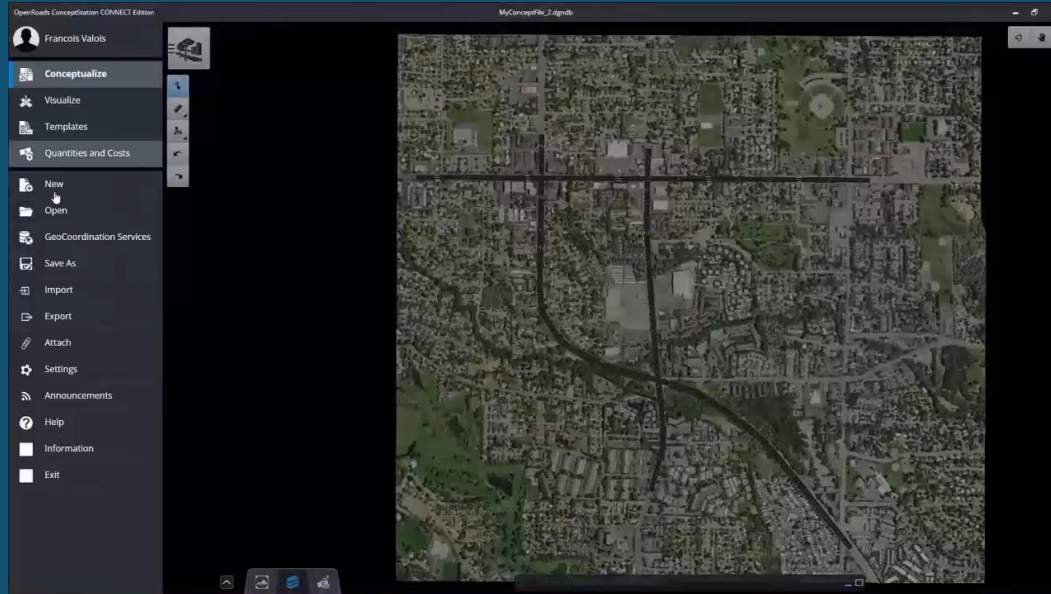
Dataset courtesy of Wingtra AG

Acquire

iTwin Capture Modeler



ROAD DESIGN



Plan

OpenRoads ConceptStation



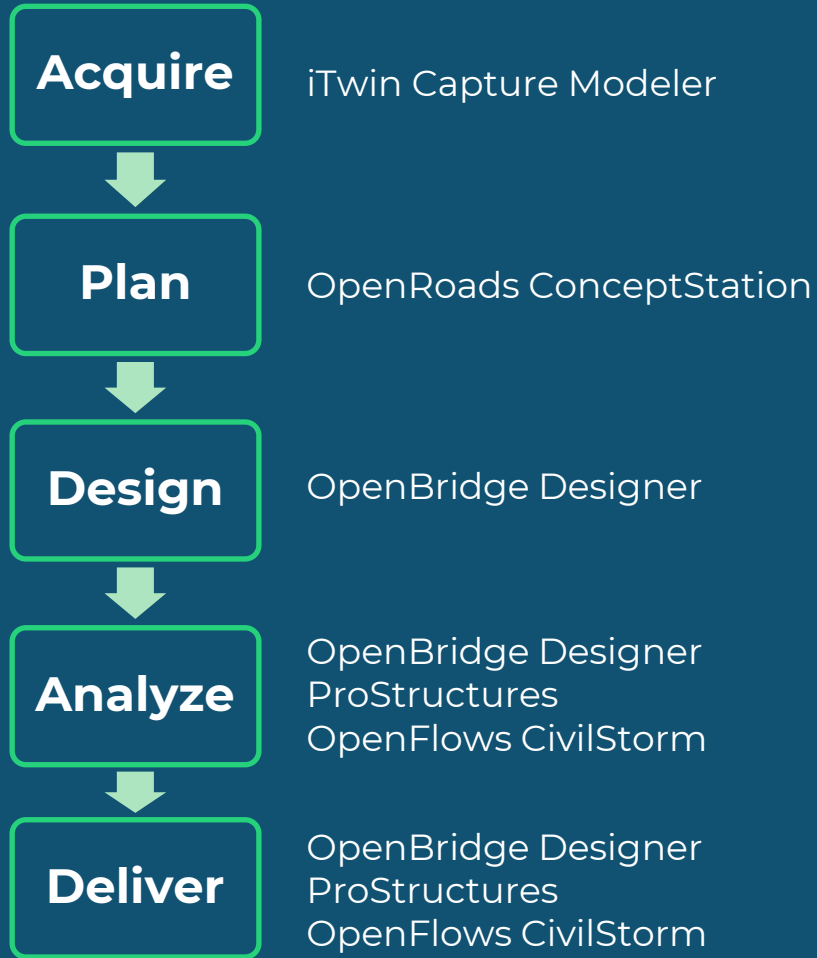
ROAD DESIGN

Design

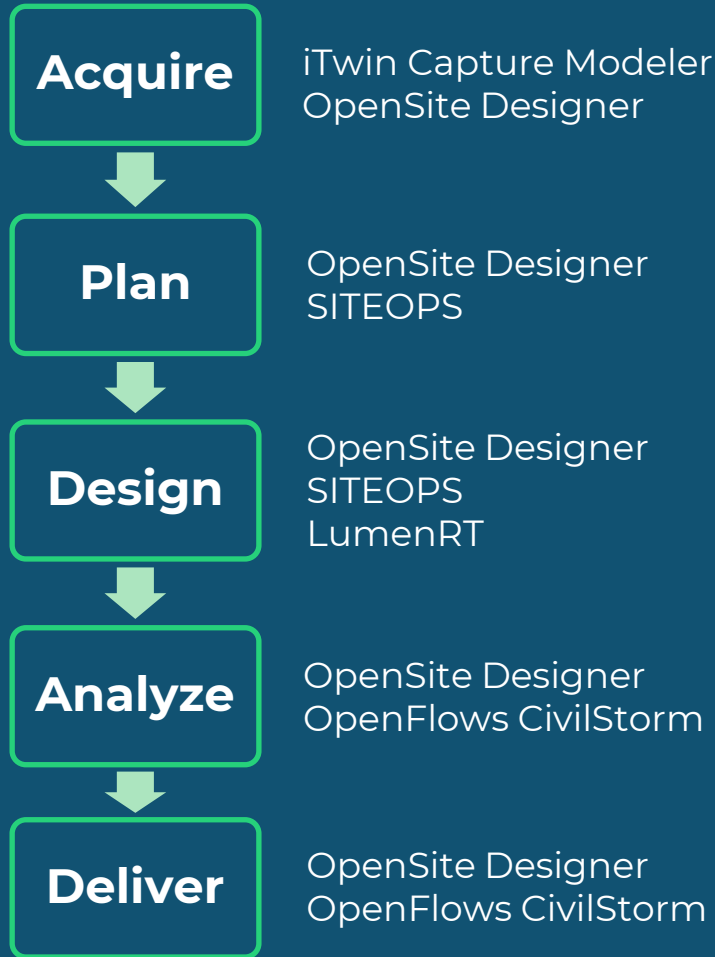
LumenRT



BRIDGE DESIGN



SITE & LAND PLANNING



SITE & LAND PLANNING



Bentley

Acquire

iTwin Capture Modeler
OpenSite Designer

Plan

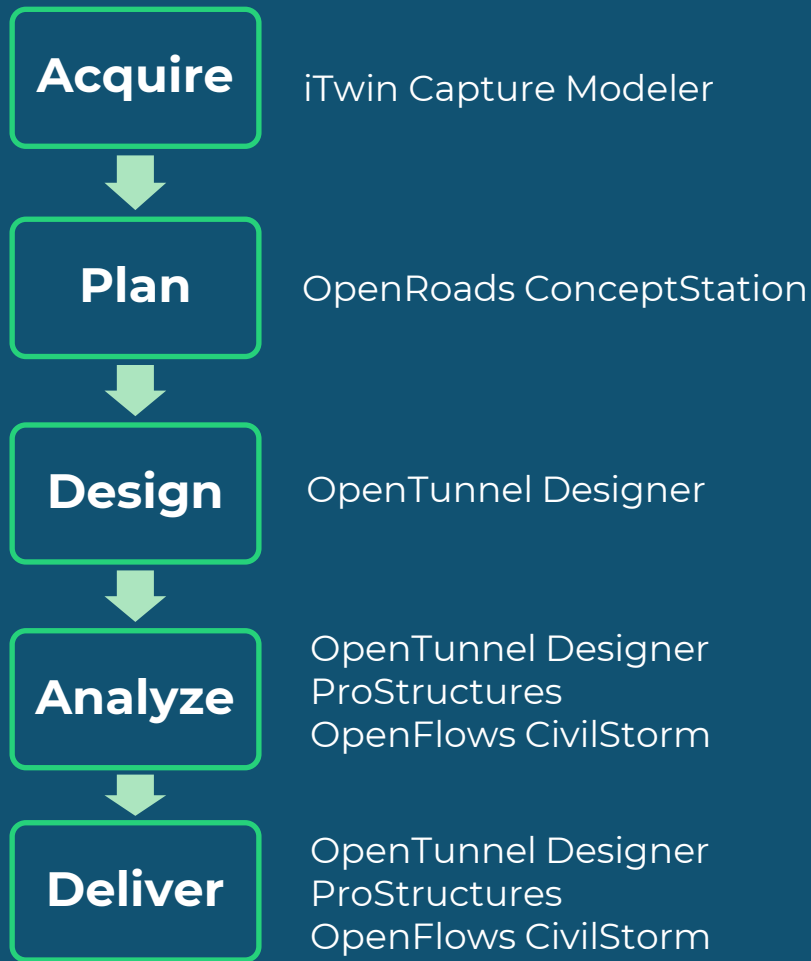
OpenSite Designer
SITEOPS

Design

OpenSite Designer
SITEOPS
LumenRT



TUNNEL DESIGN



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THANK YOU!

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