ROAD INFRASTRUCTURE

Maintaining access. Managing risk. Improving legacy assets over time.

OUR ROAD NETWORK

Built around harvest needs and responsible stewardship

~3,000 miles of internal roads

100s of crossings

1–3 years near-term harvest planning horizon

01 **Maintain first** Most work focuses on maintaining the existing road system, with limited new construction.

02 **Plan with harvest** Road work is tied to near-term harvest plans and access needs.

03 **Address risk** Legacy issues are upgraded as harvest needs arise, with exceptions for high-risk safety or environmental situations.

Upgrading legacy and undersized structures over time

A repeatable, engineered approach supports consistency across sites.

FIELD INSTALLATION

1 **Standardized spans**

Engineered, pre-made bridge spans from 10–50 feet.

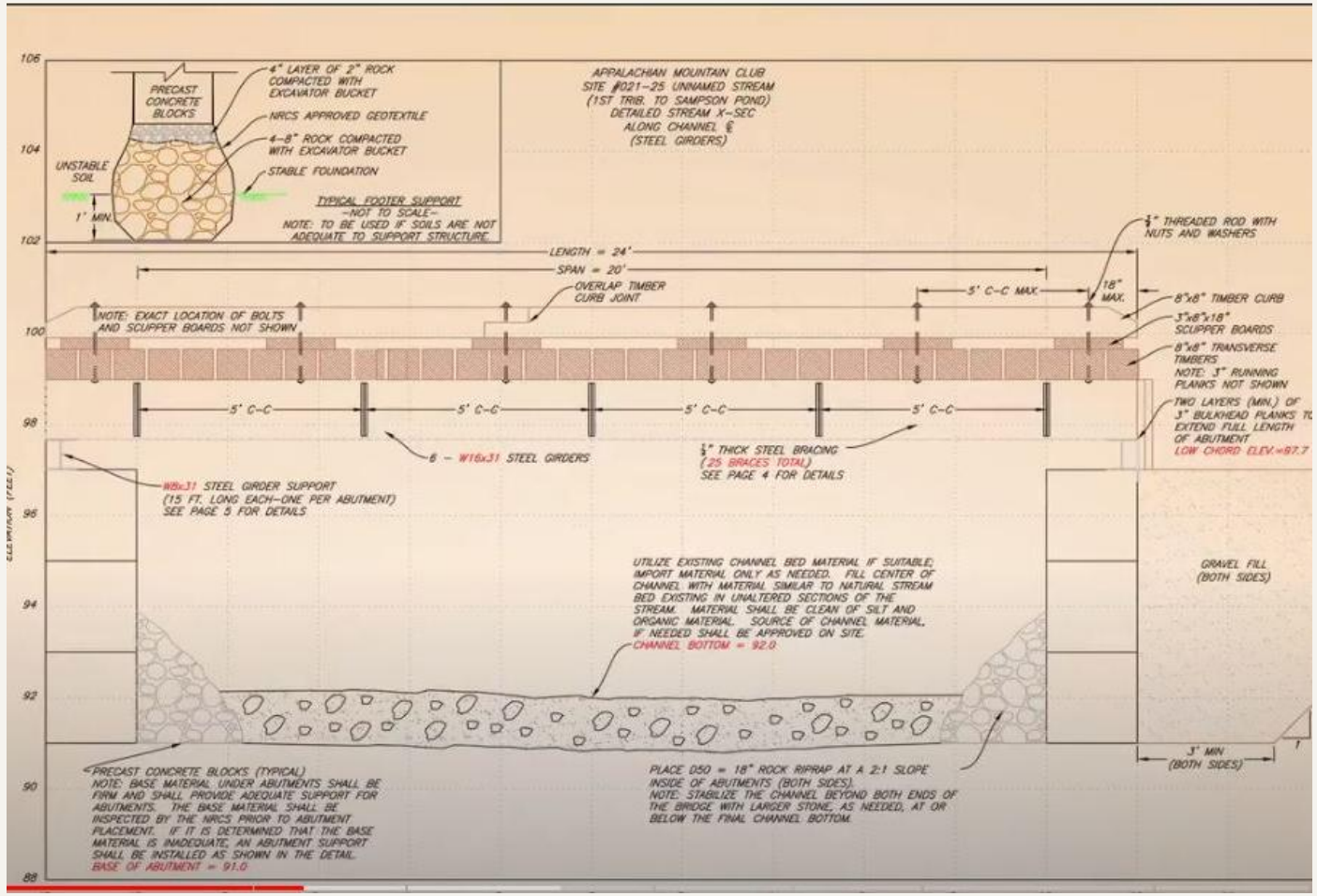
2 **Practical abutments**

Concrete waste blocks, typically one to two blocks high.

3 **Durable structure**

Steel stringers, wood on shorter spans, with concrete or timber decks.

A field-ready bridge solution

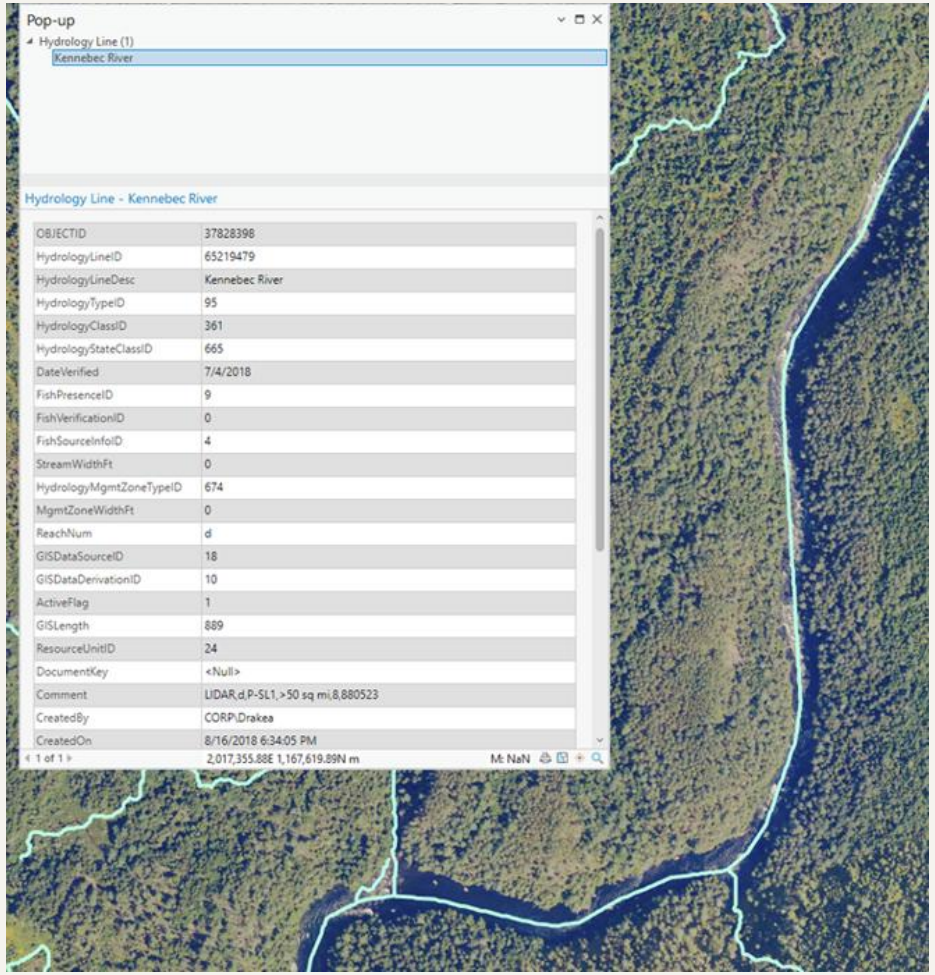


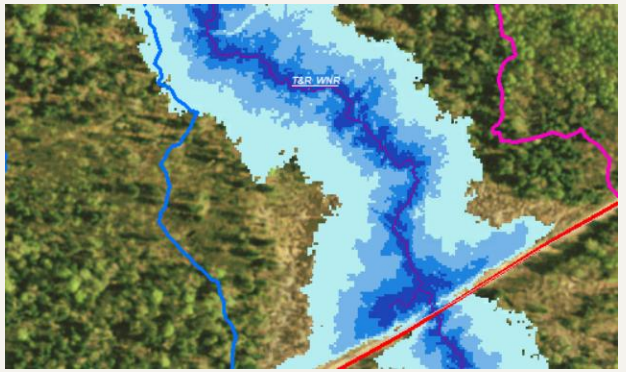
ENGINEERED DESIGN

Standard details create a consistent starting point for site-specific installation.

Identify stream locations and size drainage

LiDAR and WAM improve visibility before we enter the field.



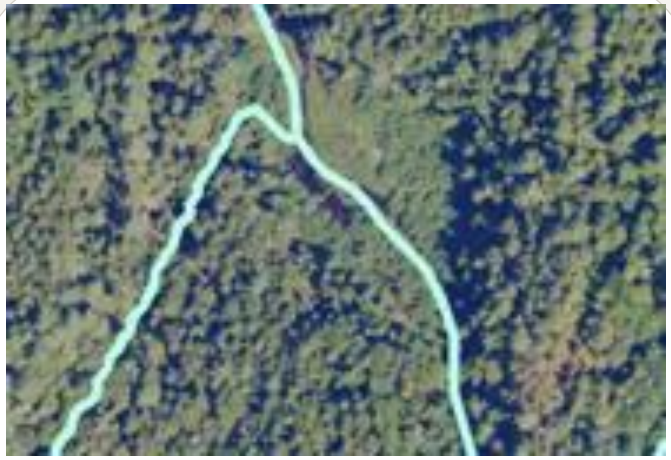


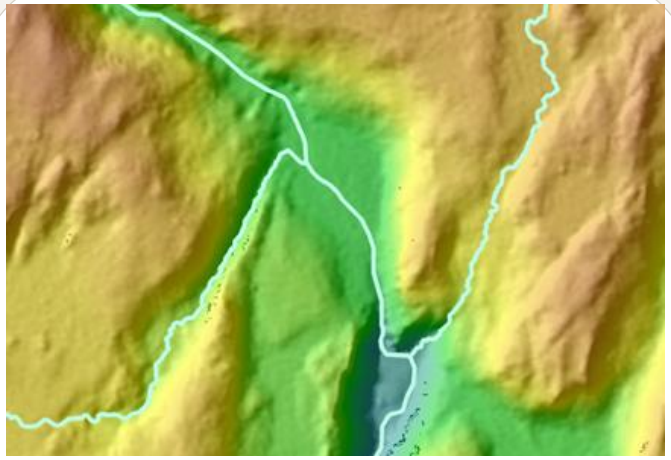
Locate Map likely stream and drainage features.

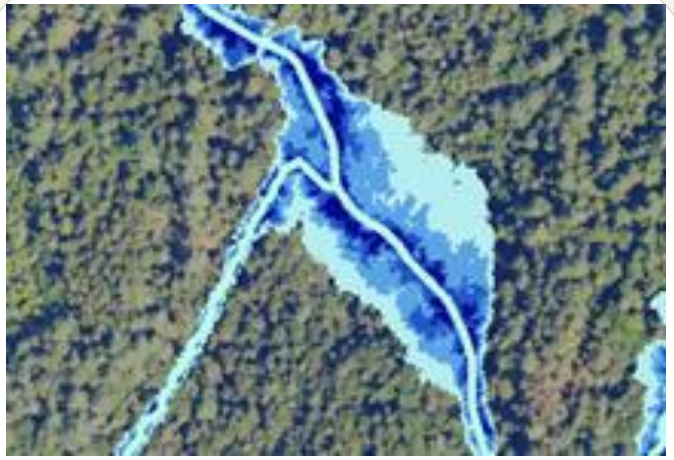
Calculate Support drainage sizing and design decisions.

Prioritize Focus resources where field review is most valuable.

Identify stream locations and size drainage

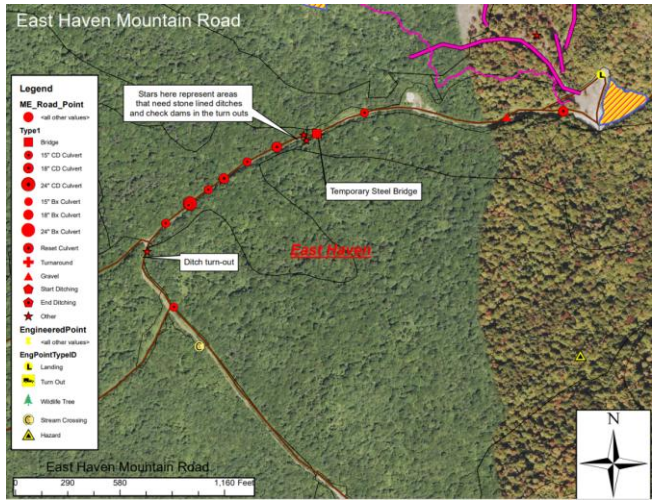


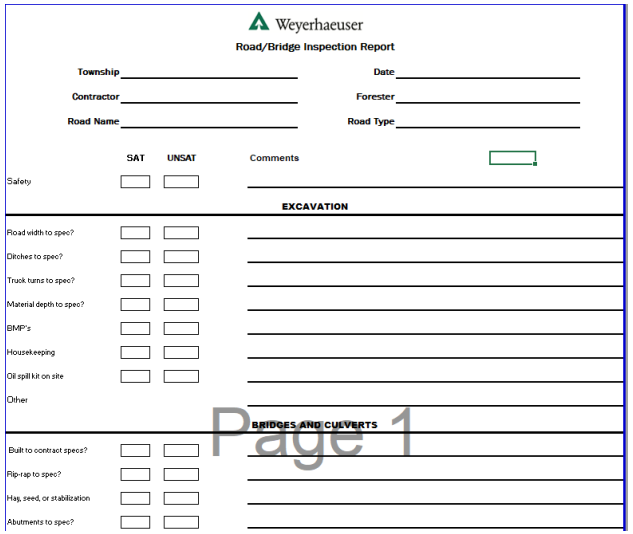


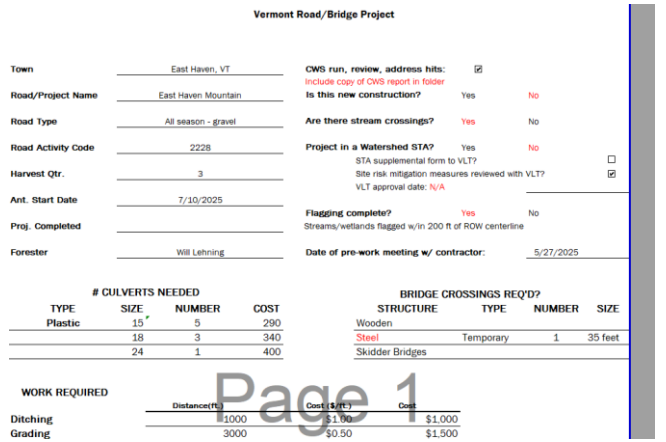


Forester tablets connect planning to execution

Survey123 and Field Maps put current information in the hands of field teams.





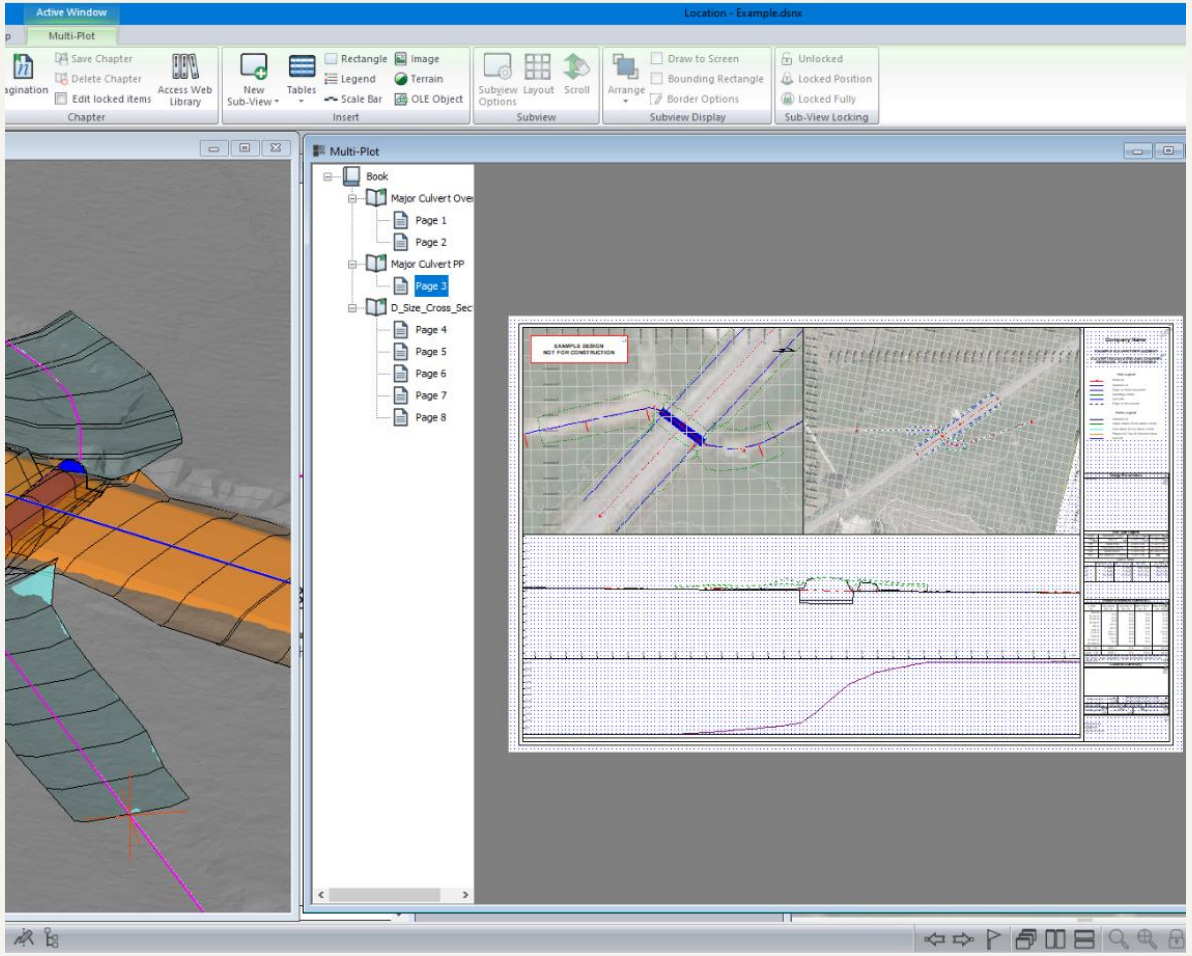


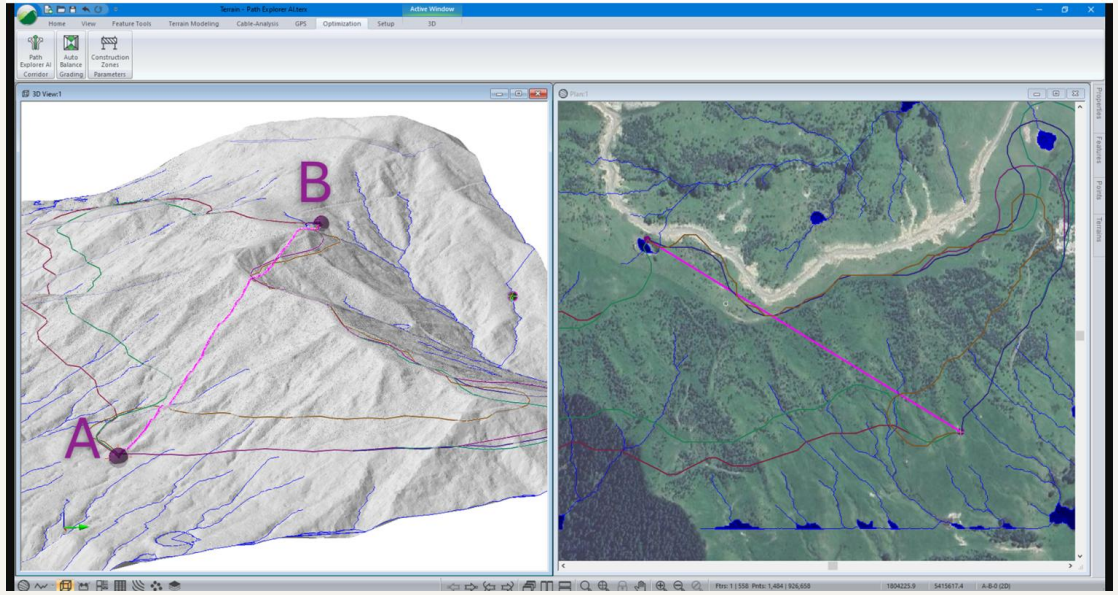
CAPTURE **Consistent field data**

MAP **Location-aware work**

SYNC **Shared documentation**

RoadEng supports technical road design in other regions





DESIGN + VISUALIZE

Connect horizontal alignment, terrain, and site context in one design workflow.

softree.com/RoadEng