

Chester BO 1442(39) Town Highway Bridge Project



March 17, 2021

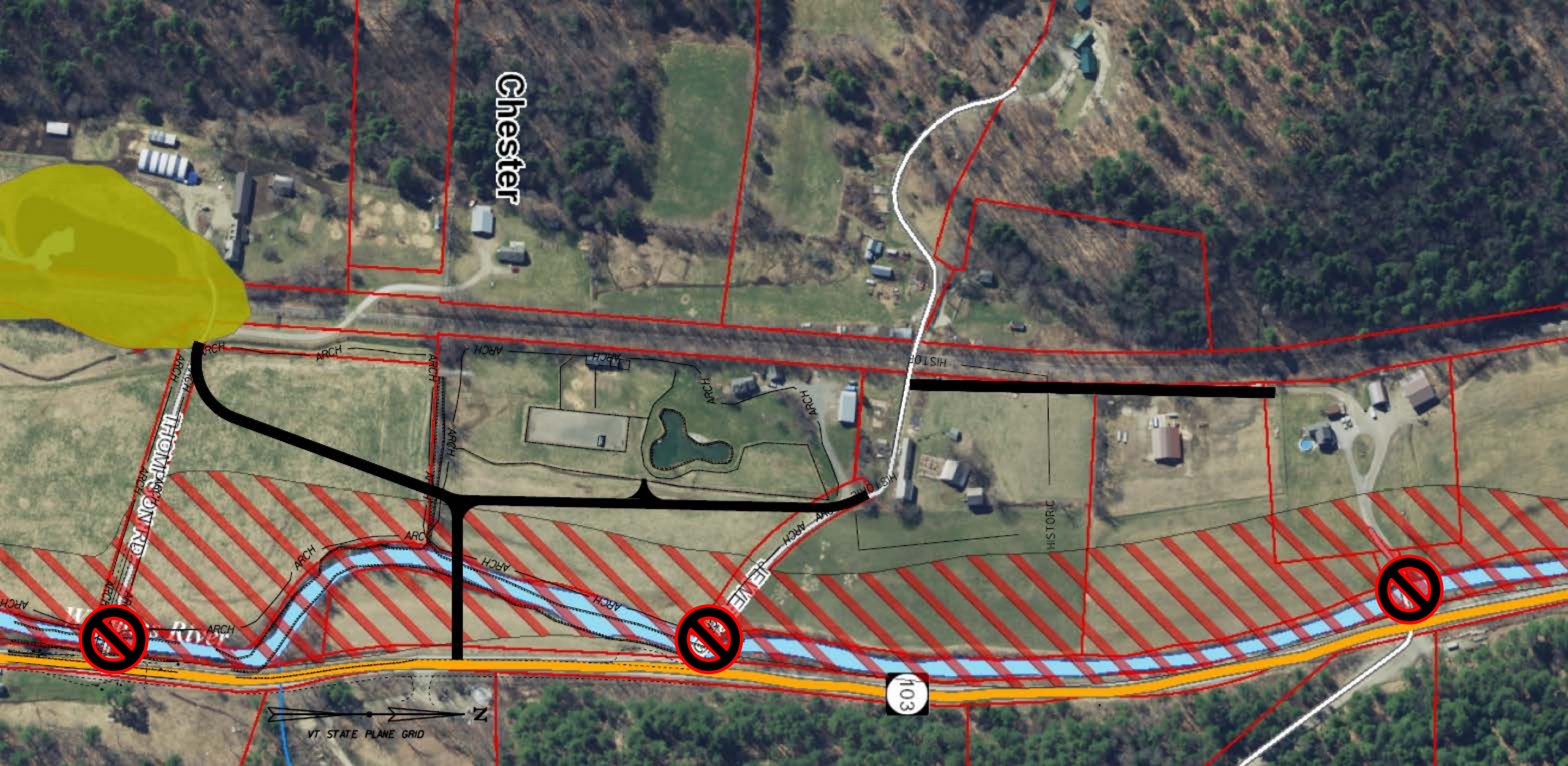
Meeting with you Today



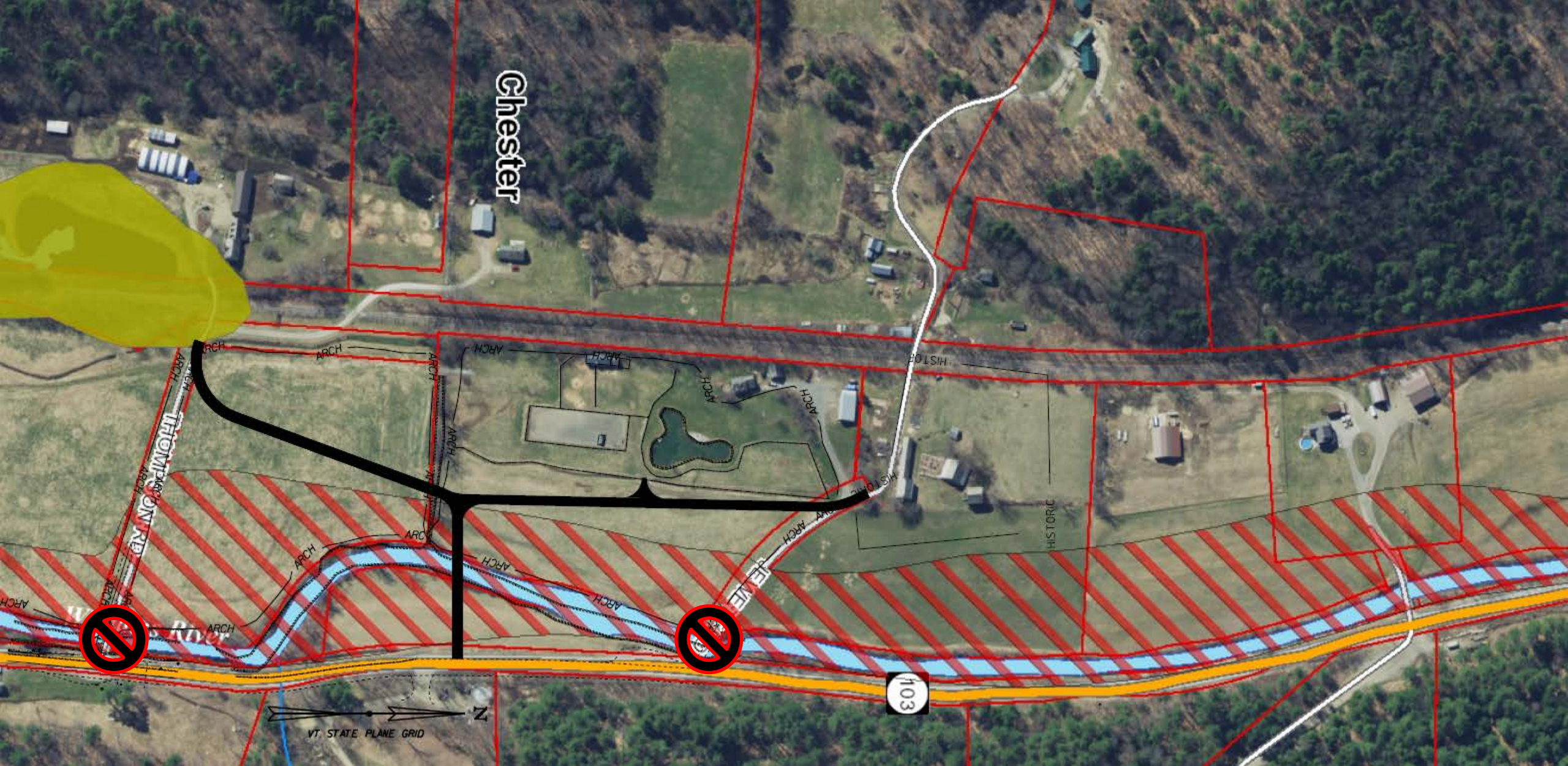
VTrans Project Development Process

- Scoping – Completed
- ***Conceptual Design – In progress now***
- Preliminary Design
- Final Design
- Construction





2019 VTrans Recommended Alternative



2019 Chester Preferred Alternative

Purpose & Need

- **Purpose:**
 - Create safe, reliable, low maintenance, and cost-effective access from Route 103 to homes and properties along Thompson, Jewett, and Palmer Roads.
- **Need:**
 - The existing bridges each have advanced stages of deterioration and are classified as structurally deficient and functionally obsolete. The existing bridges don't meet current design codes for load capacity or width and are hydraulically undersized. In addition, the existing town highway intersections with VT Route 103 are currently substandard. The intersections don't currently allow for the appropriate geometry that is required for safe ingress to or egress from VT Route 103.

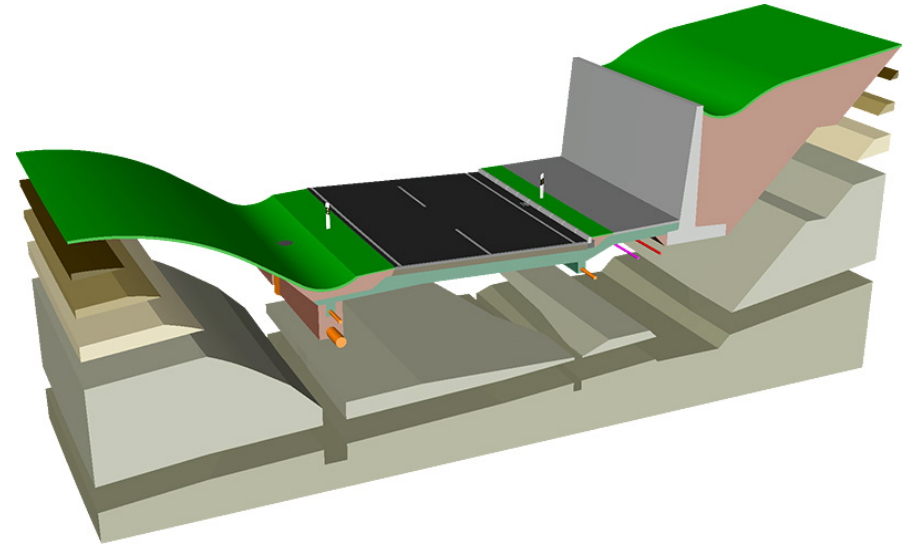
STATE OF VERMONT
AGENCY OF TRANSPORTATION
Scoping Report
FOR
Chester BO 1442(39)
TH-18 (Thompson Road), BRIDGE 62 OVER WILLIAMS RIVER
March 12, 2019



Digital Project Delivery

- **Current VTrans Project Delivery**
 - Paper Plans
 - Two-Dimensional Plan Views

- **Digital Delivery**
 - Three-Dimensional Digital Model
 - Greater Accuracy
 - Clash Detection Capabilities
 - Constructability Reviews
 - Construction Phasing
 - Automated Machine Guidance



Project Funding Percentages

- Previous Funding Percentages
 - 80% Federal
 - 10% State
 - 10% Municipal
- Anticipated Funding Percentages
 - 85% Federal
 - 12.5% State
 - 2.5% Municipal*



Stakeholder Coordination

- Property Owners
- Town of Chester
- Environmental Regulators
- Utility Companies
- Operating Railroad

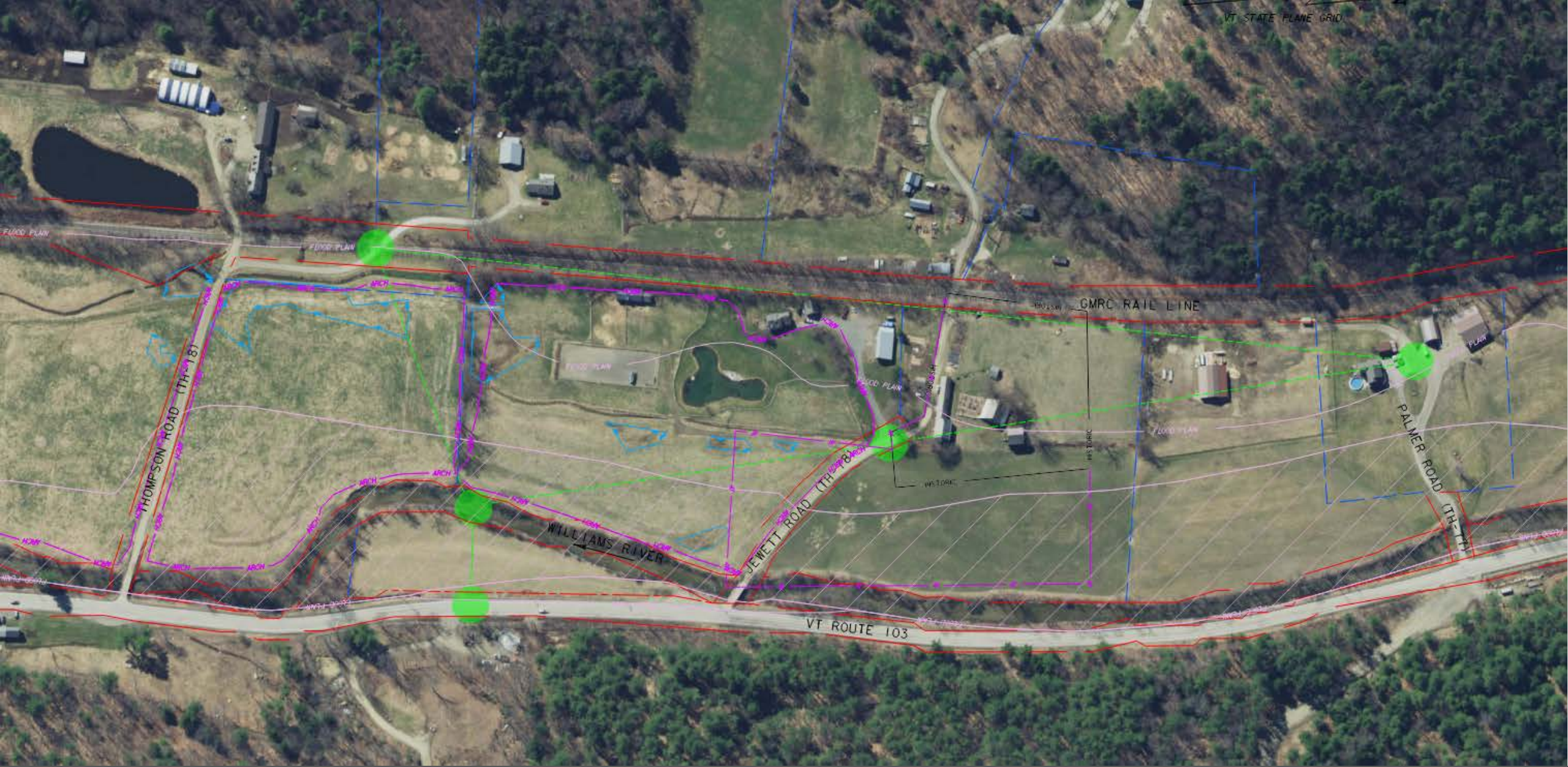


Milestone Timeline

	2021	2022	2023	2024	2025
Conceptual Design					
Preliminary Design					
Final Design					
Construction					



Identification of Destination Nodes



Environmental Resource Constraints



Revisit Preferred Alternative



Revisit Recommended Alternative

Next Steps

- Preliminary Design
- NEPA Documentation
- Environmental Permitting
- ROW Property Acquisition
- Final Design
- Construction



Questions

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