

**Lowell ER P20-1 (908)
VT Route 58
Bridge #10 Replacement
Selectboard Meeting
November 22, 2022**

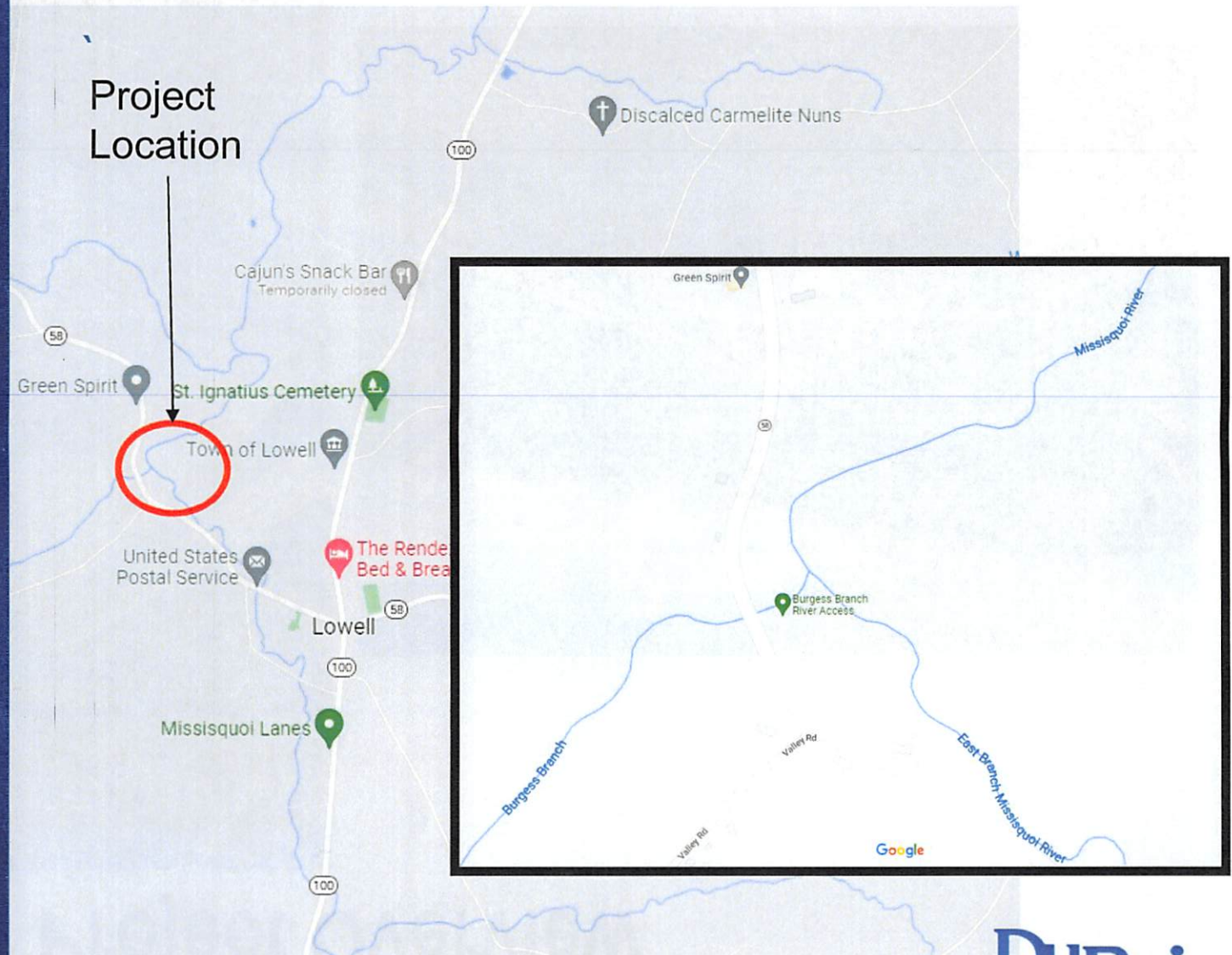


Purpose of Meeting

- Project Overview
- Project Status
- Schedule
- Cost
- Questions

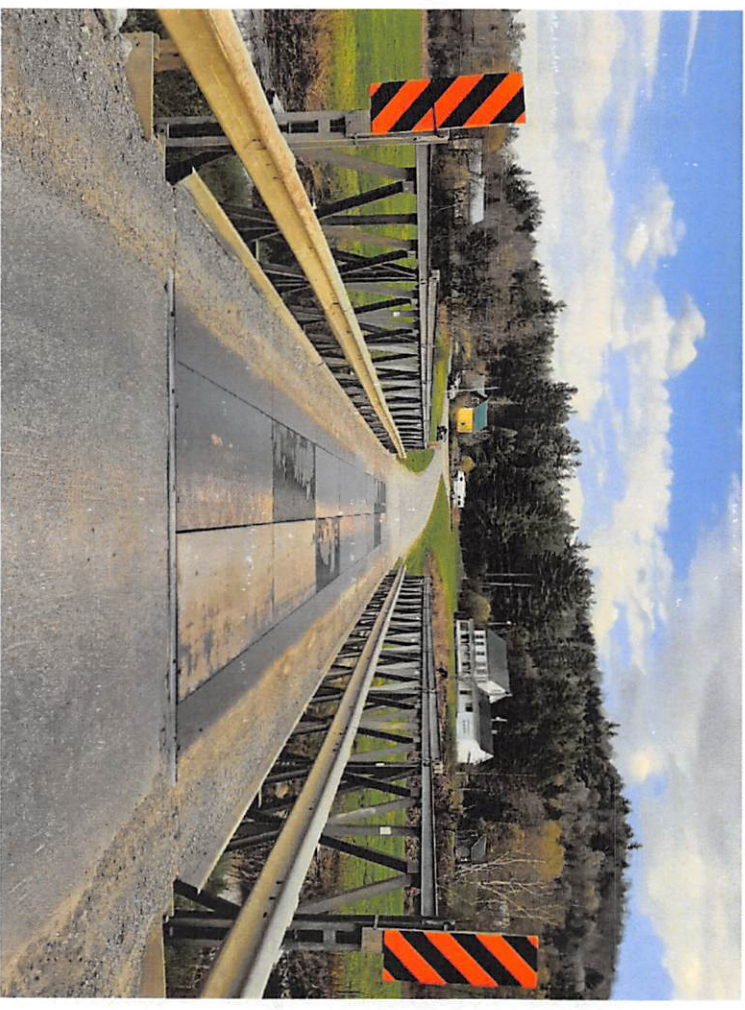
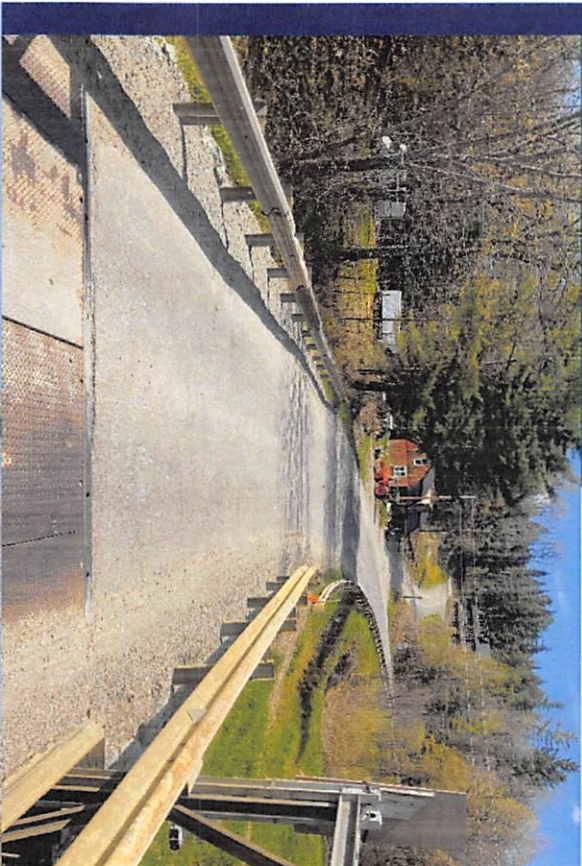
Lowell, VT
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Project Update

Project Overview

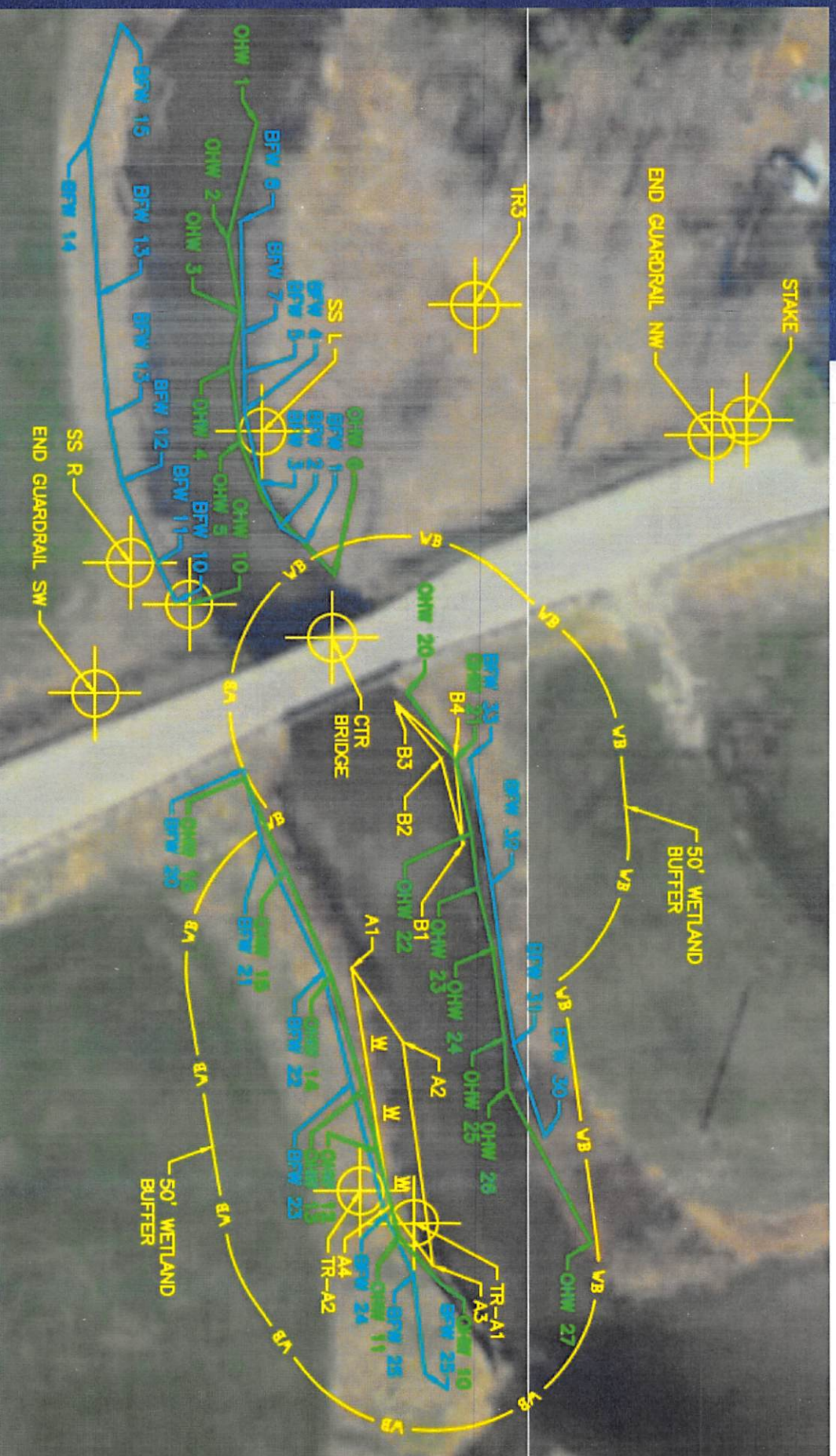


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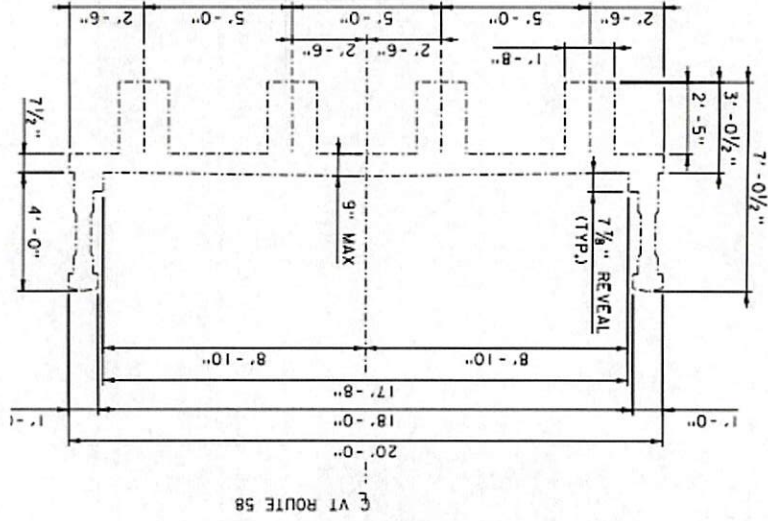
Project Overview



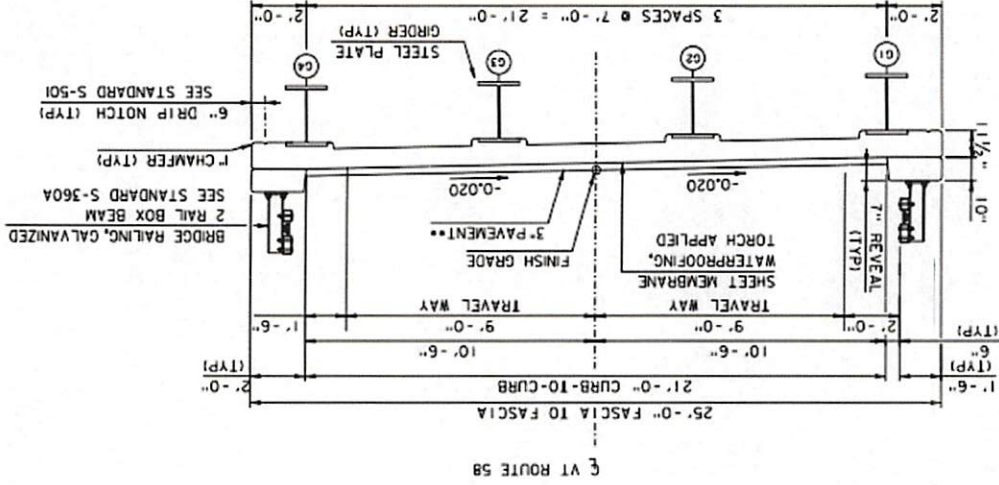
Project Overview



OHW - Ordinary High Water
BFW - Bank Full Width (top of bank)
A, B - Wetland Boundary
WB - Wetland Buffer



SCALE: 3/8" = 1'-0"

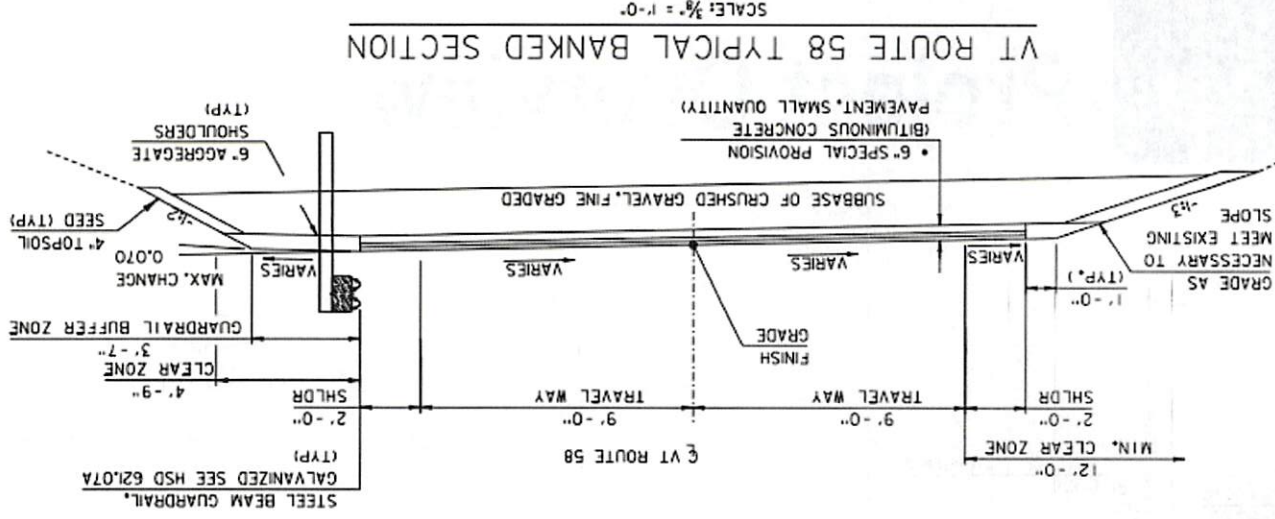
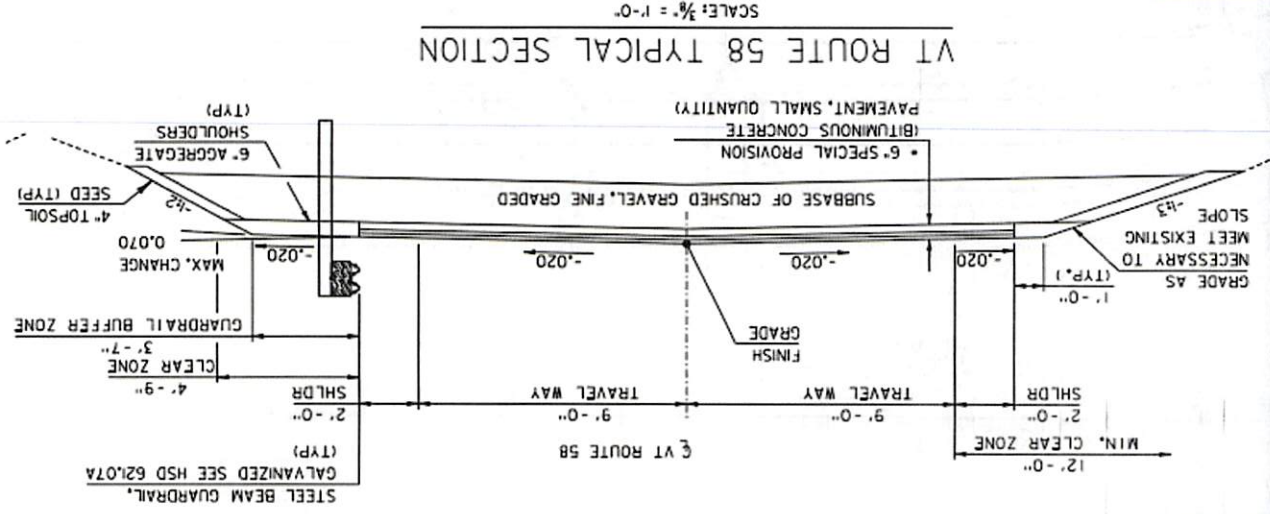


BRIDGE TYPICAL SECTION

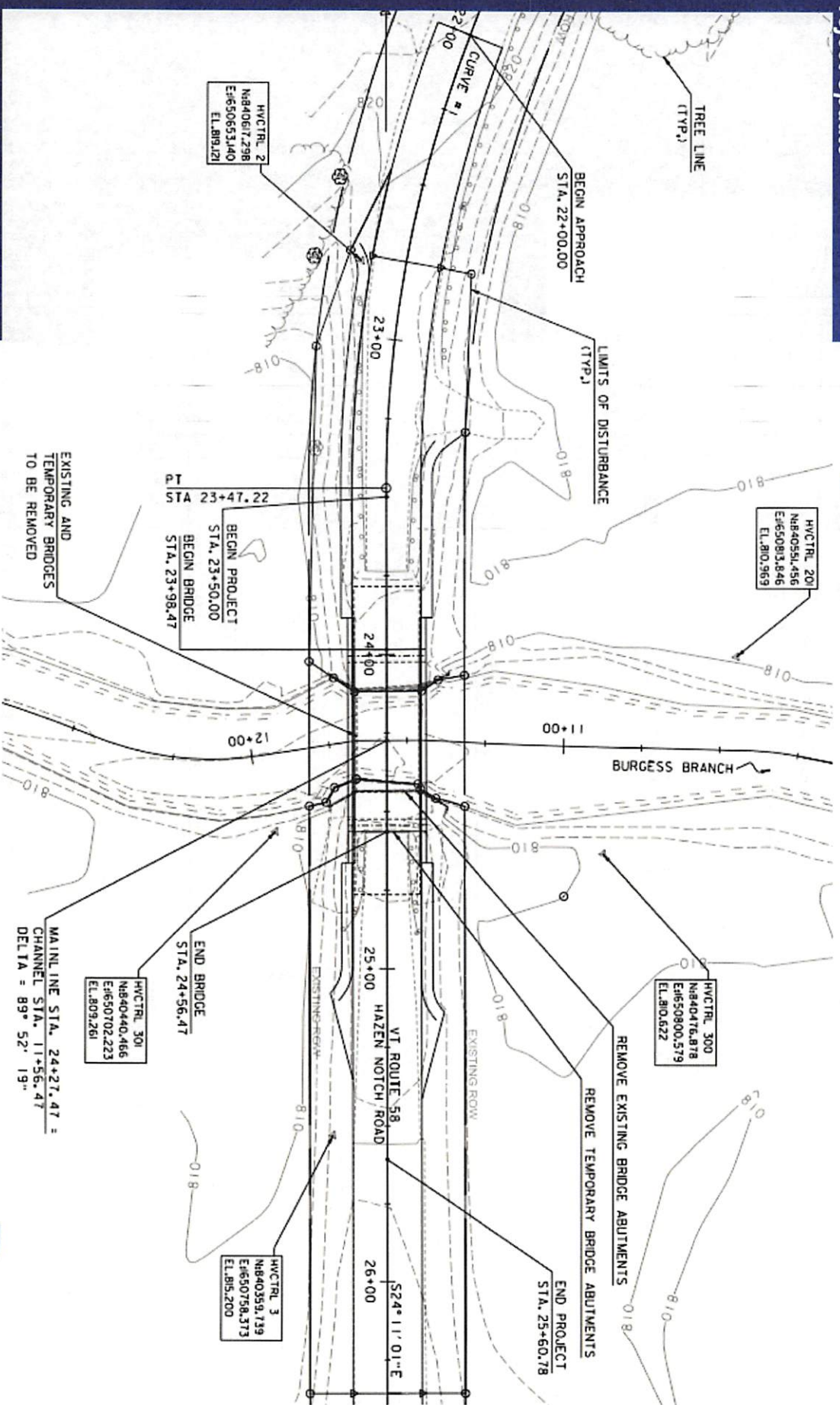
SCALE: 1/2" = 1'-0"

** 1/2" TYPE IV OVER 1/2" TYPE IV

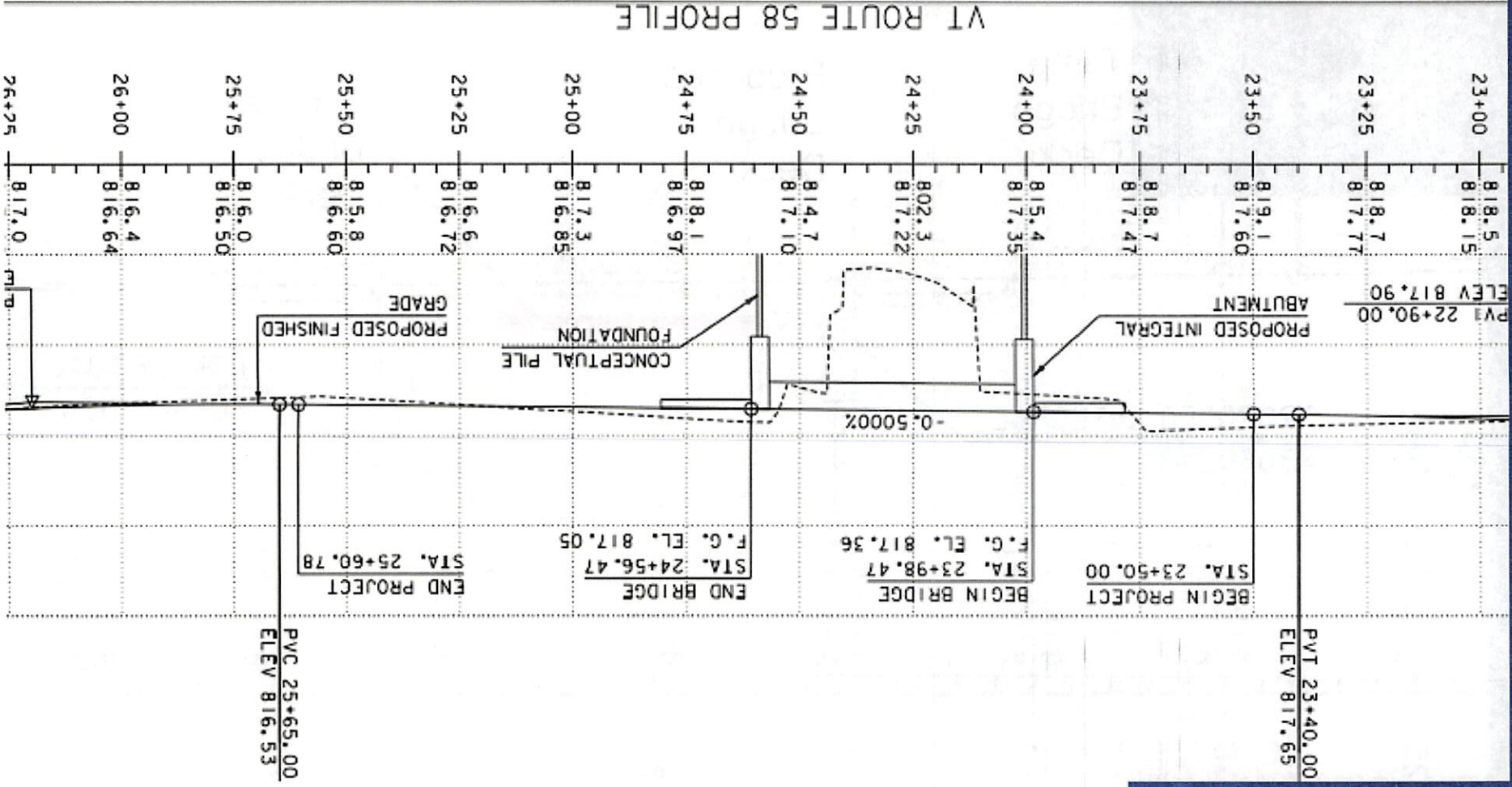
Project Overview



Project Overview

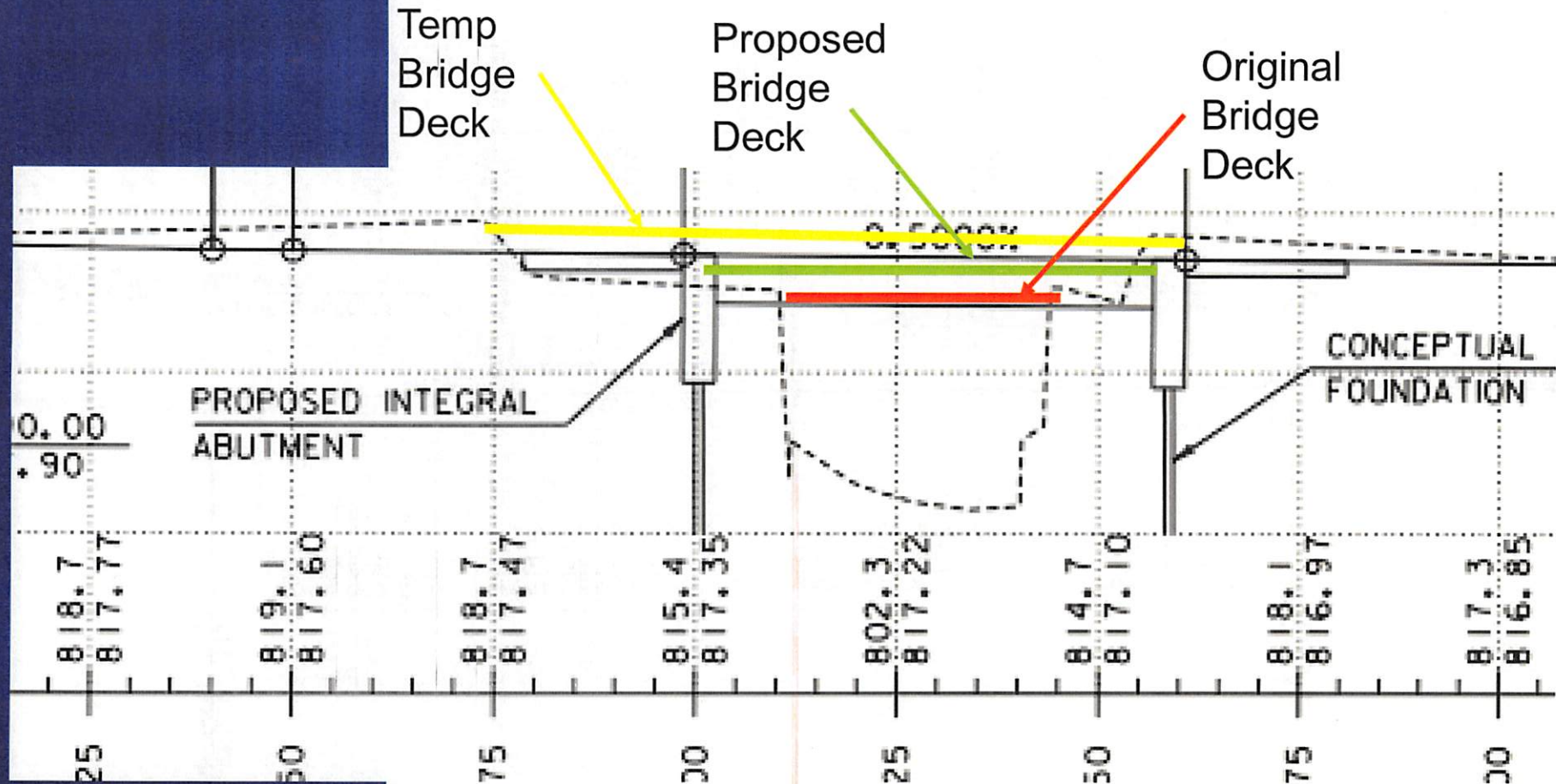


Project Overview



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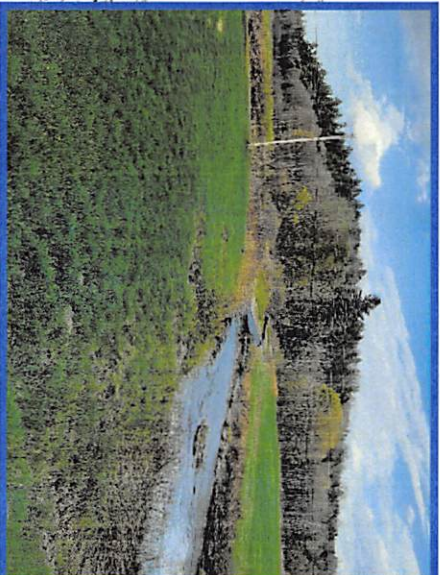
Project Overview



- Designed for 50-year storm to not overtop
- Will have pressure on girders but will be accounted for in design

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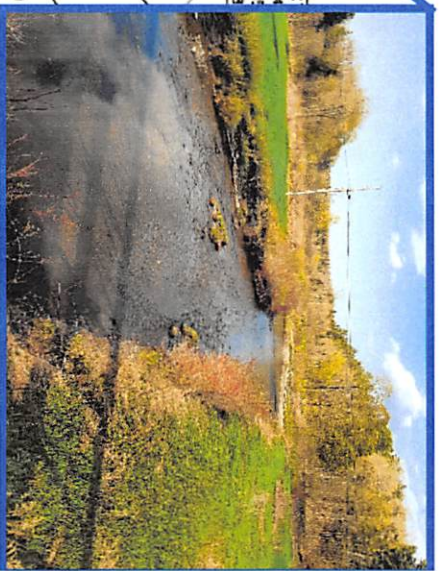


HVCTR. 201
NB40551.456
E+650913.846
EL.810.059

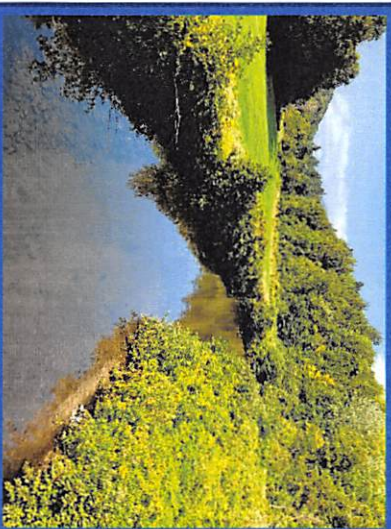
BANCE

BURGESS BRANCH

HVC
NB4
E+65
EL.8



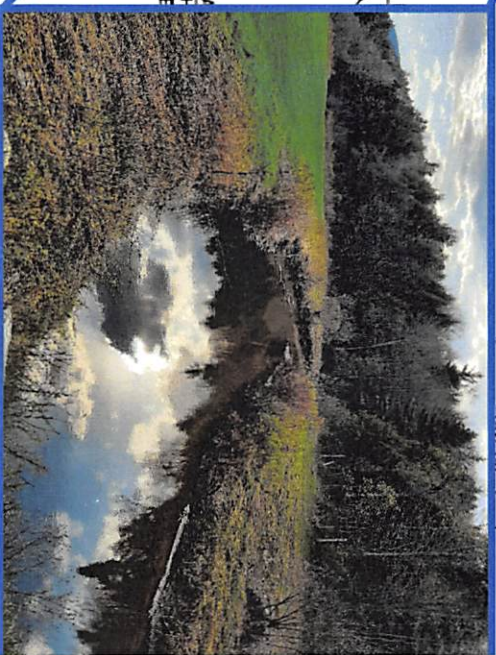
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NB40617.298
E+650653.140
EL.810.121



PT
STA. 23+42.22
BEGIN PROJECT
STA. 23+50.00
BEGIN BRIDGE
STA. 23+98.47

EXISTING AND
TEMPORARY BRIDGES
TO BE REMOVED

MA
CH
DE



HVCTR. 3
NB4
E+65
EL.8

Project Overview



- Road fully closed during construction
- Utilize full detour during closure

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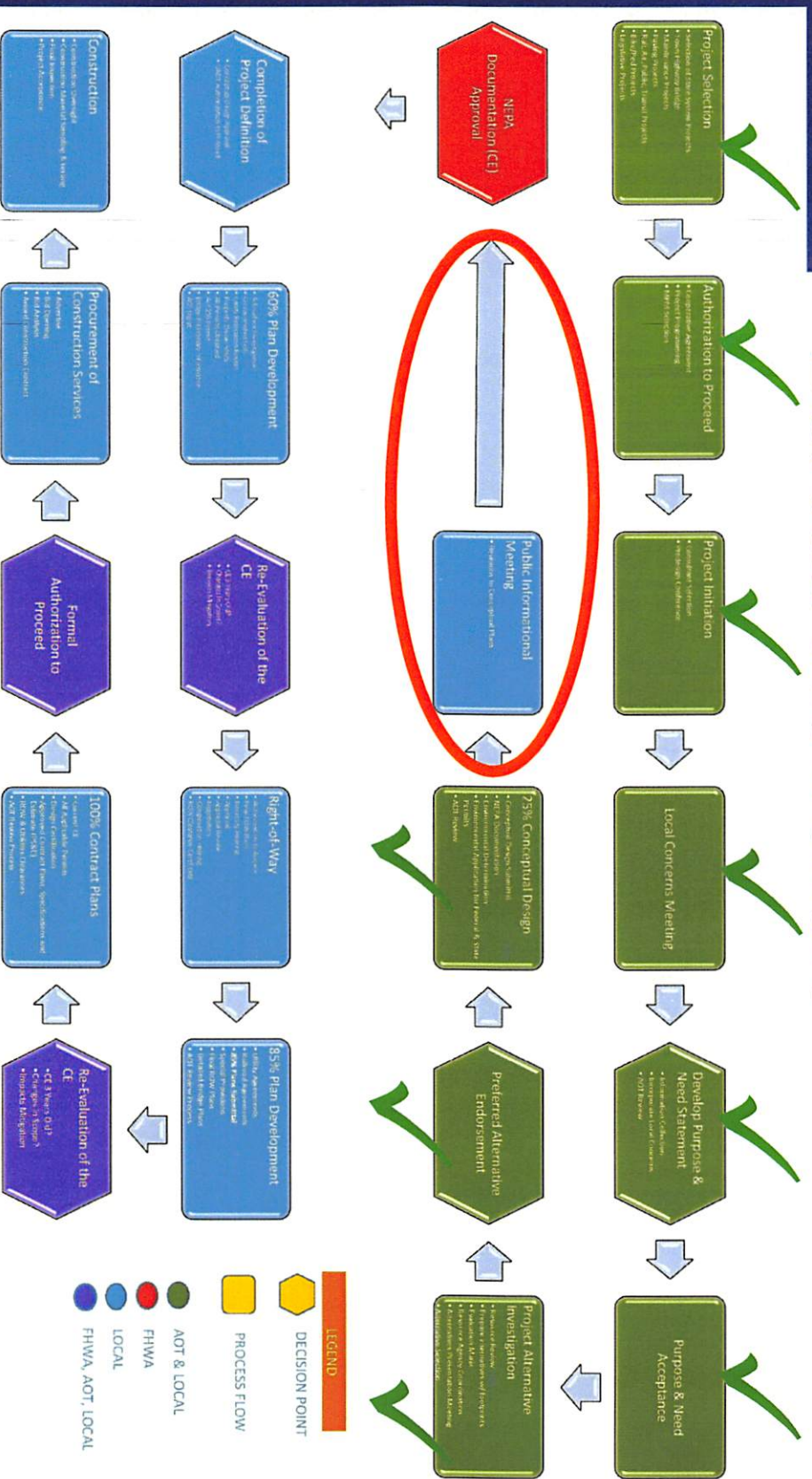
Project Overview



- Existing vegetation and shrubs/trees to be disturbed by grading and wingwall installation
- Proposed grasses to revegetate area with addition of Riparian shrubs/trees along bank

**DuBois
& King** inc.

Vtrans Municipal Assistance Bureau Flowchart



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Project Update

Project Status

- Archeological Review Complete ✓
- Environmental Review/Permitting Documentation In Progress
- Conceptual Plans Submitted to VTrans and VTrans Review Completed ✓
- Preliminary Plans in development

Schedule

- Permitting/NEPA: December 2022-July 2023
- Preliminary Plans: December 2022-July 2023
- ROW Process: August-December 2023
- Final Plans: September 2023-March 2024
- Contract Documents: March 2024-April 2024
- Construction 2024

Approximate Cost

Construction:	
Est. Total Bridge Construction Base Bid	\$1,379,000.00
<u>Bridge Construction Admin.</u>	
<u>Total Bridge Construction</u>	<u>\$1,379,000.00</u>
Total Budget for Project	\$1,379,000.00

*FHWA/State Funding covers 90% of applicable costs

Key Takeaways:

- Profile raised to pass 50-year storm
- ROW and NEPA control schedule
- There will be impacts to Wetland Buffer,

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Questions

THANK YOU!