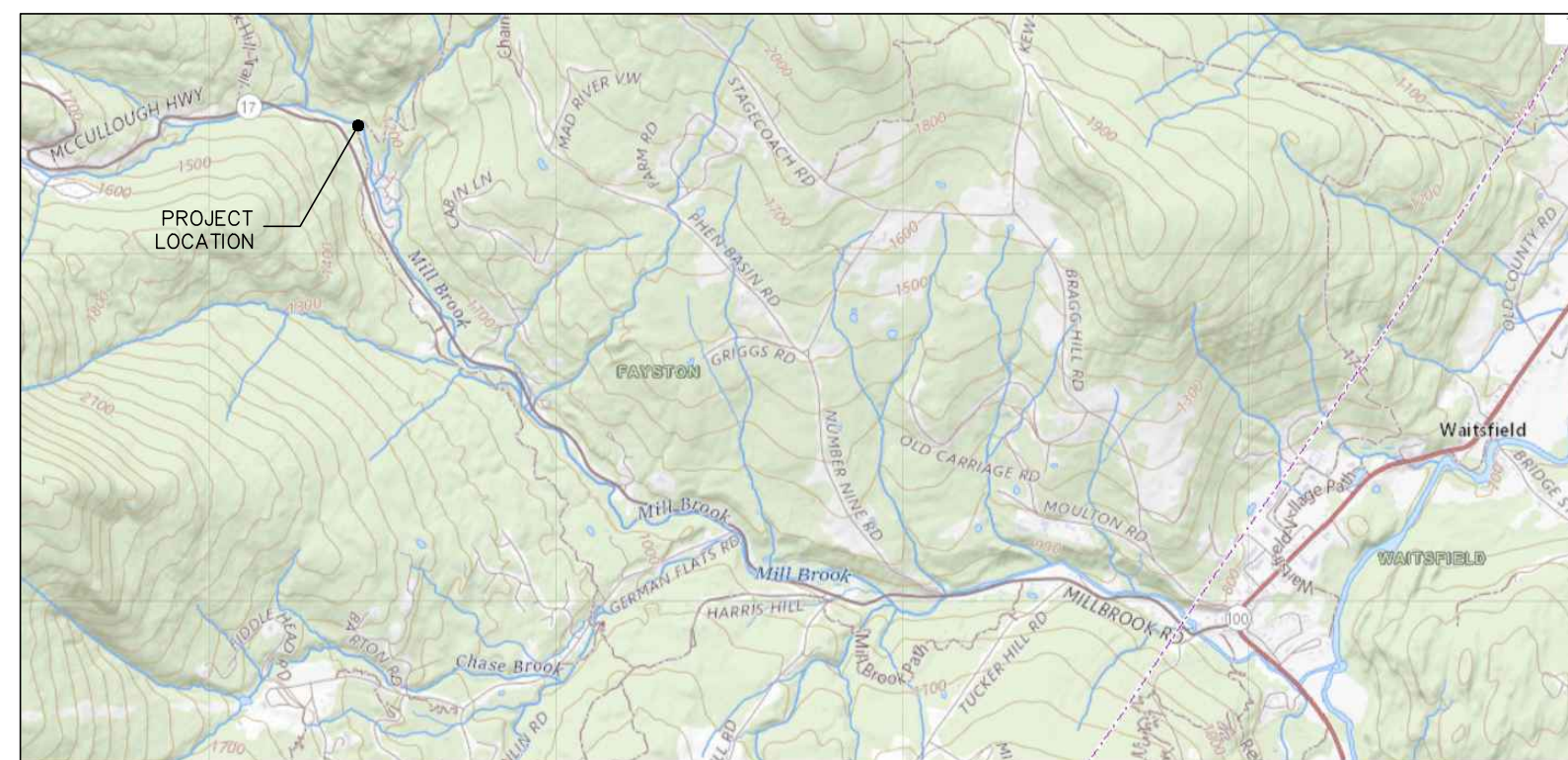
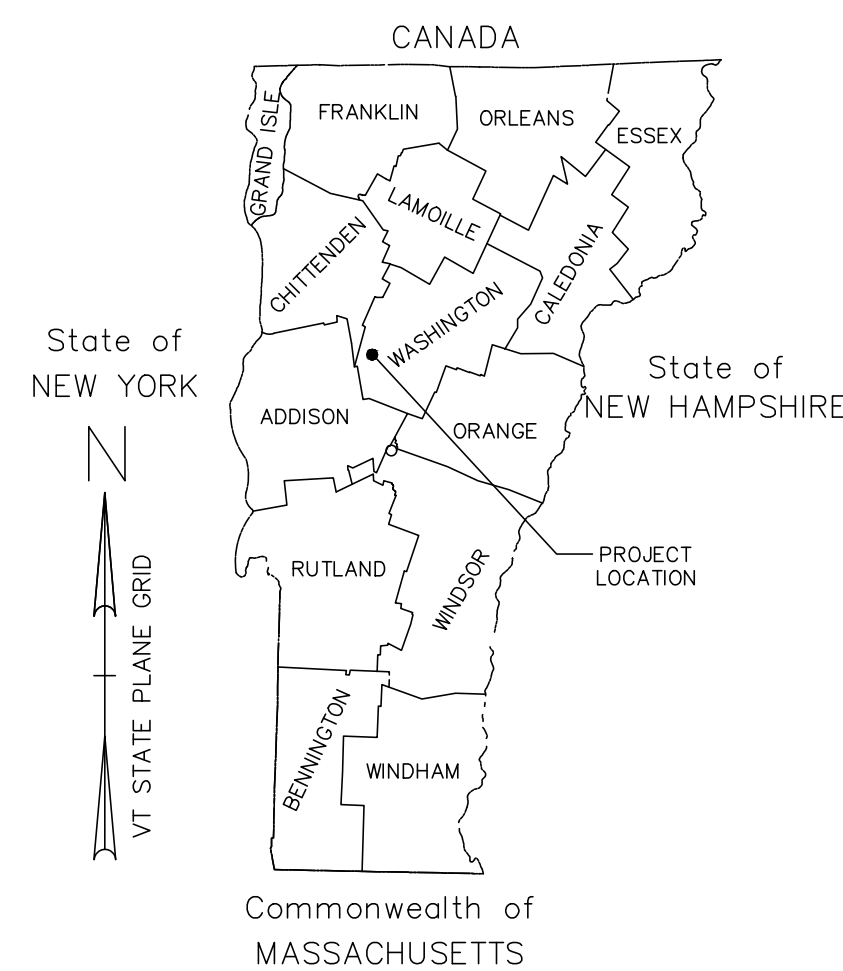


CATAMOUNT TRAIL BRIDGE REPLACEMENT PROJECT MILL BROOK CROSSING BATTLEGROUND CONDOS TRACT, FAYSTON, VT



LOCATION MAP
NOT TO SCALE



PROJECT DESCRIPTION:

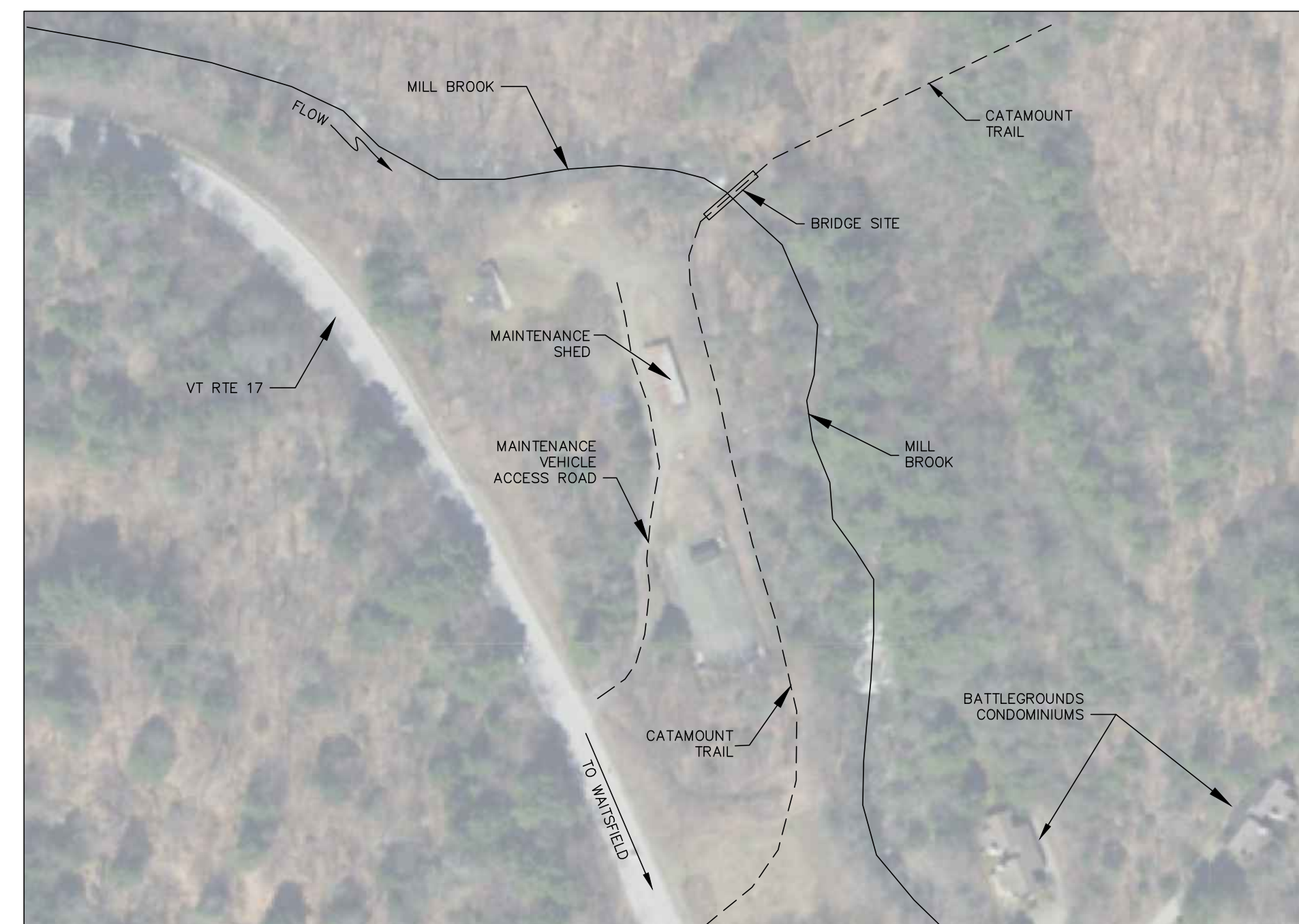
- CONSTRUCTION OF REPLACEMENT BRIDGE ON THE CATAMOUNT TRAIL, LOCATED OVER MILL BROOK IN THE TOWN OF FAYSTON, VERMONT. THIS PROJECT INVOLVES:
- 1) REMOVAL OF THE EXISTING ±25' SPAN TIMBER BRIDGE DECK, STRINGERS AND ABUTMENTS.
 - 2) REPLACEMENT OF THE EXISTING BRIDGE WITH A 6' WIDE X 50' SPAN PEDESTRIAN TRAIL BRIDGE ALONG THE SAME ALIGNMENT.
 - 3) MINOR RECLAMATION OF STREAM BANKS, REGRADING OF TRAIL APPROACHES, AND ALL ASSOCIATED EROSION PREVENTION AND SEDIMENT CONTROL WORK.

HYDRAULIC DATA:

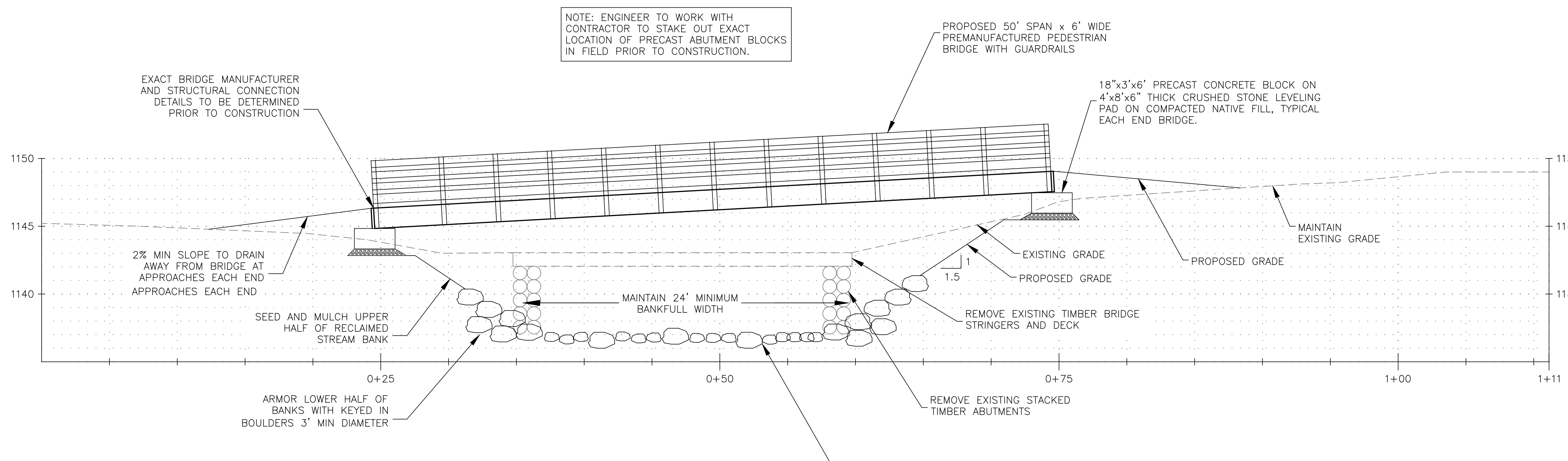
DRAINAGE AREA: 3.81 SQ. MILES
BANKFULL WIDTH = 24'
Q2 = 300 CFS
Q10 = 650 CFS
Q25 = 900 CFS
Q50 = 1100 CFS
Q100 = 1500 CFS

STRUCTURAL LOADING CRITERIA:

BRIDGE SHALL BE DESIGNED FOR THE FOLLOWING LIVE LOADING:
90 PSF PEDESTRIAN LIVE LOAD
70 PSF SNOW LOAD (CONCURRENT WITH PEDESTRIAN LIVE LOAD)
PEDESTRIAN GUARDRAIL LOADING PER IBC, LATEST EDITION



SITE PLAN
0' 100' 150' 200' 300' 500'



TRAIL BRIDGE PROFILE
0' 5' 7.5' 10' 15' 25'

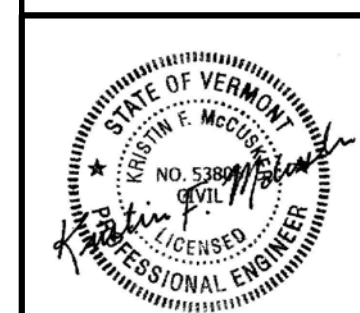
**FOR PERMIT REVIEW ONLY
NOT FOR CONSTRUCTION**

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trf@trfengineers.com

NO.	DATE	REVISION
1		

CATAMOUNT TRAIL BRIDGE REPLACEMENT
MILL BROOK CROSSING
BATTLEGROUND CONDOS TRACT, FAYSTON, VT
OWNER/CONTACT: MATT WILLIAMS
1 MILL STREET
SUITE 350
BURLINGTON, VT 05401

BRIDGE PROFILE AND NOTES



DRAWN BY: K. McCUSKER
CHECKED BY: T. FELLOWS
PROJECT: 2212
DATE: 12/18/2022

SHEET: 1 of 1