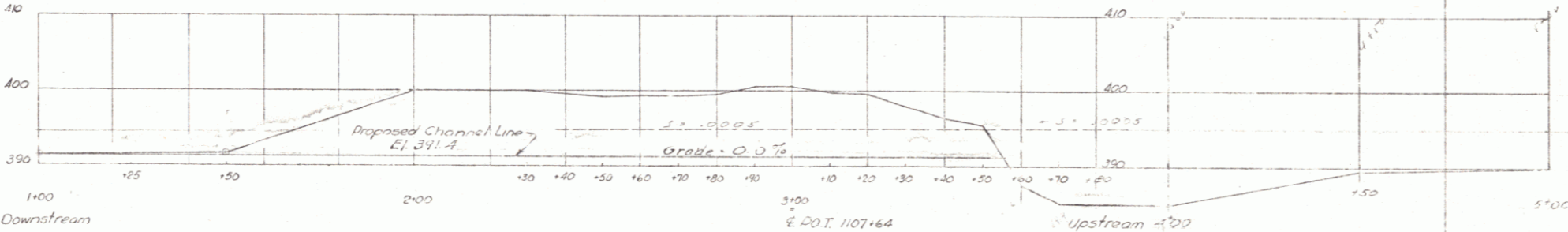
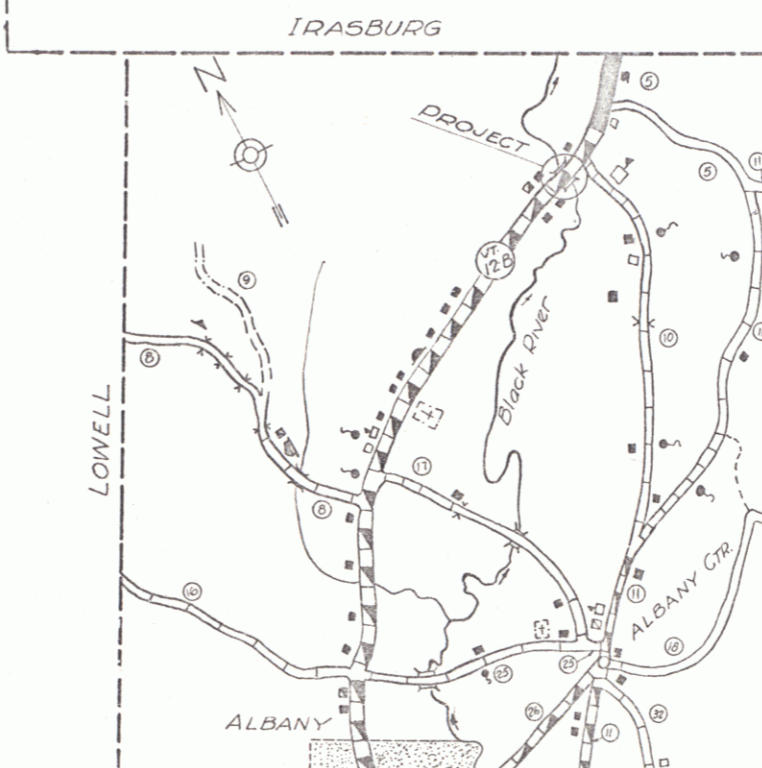


For Plan, see Plan & Profile sheet.



HIGHWAY NO. Vt 12-B NAME OF HIGHWAY _____
 STRUCTURE NO. 17 COUNTY Orleans TOWN Albany
 PROJECT NO. 5-166(7) LOCATION 6.1 miles from the Craftsbury-Albany Town Line

EXISTING STRUCTURE

- RATED LOADING OF EXISTING STRUCTURE H-15
- TYPE OF EXISTING STRUCTURE Concrete T-Beam
- UNDERCLEARANCE ELEVATION OF EXISTING STRUCTURE 404.4
- WHAT DISPOSITION SHOULD BE MADE OF EXISTING STRUCTURE Removed COST OF REMOVAL \$1000
- SHOULD EXISTING STRUCTURE BE USED TO MAINTAIN TRAFFIC DURING CONSTRUCTION OF NEW STRUCTURE Yes
- SHOULD NEW TEMPORARY STRUCTURE BE BUILT _____
- ORDINARY HIGH WATER SURFACE ELEV. AT EXISTING STRUCTURE 401.00 WATERWAY TO ORDINARY H.W. 480'
- EXTREME HIGH WATER AT EXISTING STRUCTURE 403.00
- SPAN OF EXISTING BRIDGE UPSTREAM 48'-0" WATERWAY TO EXTREME H.W. 350'
- SPAN OF EXISTING BRIDGE DOWNSTREAM 84'-0" WATERWAY TO EXTREME H.W. 800'
- TYPE OF FOUNDATION UNDER EXISTING ABUTMENTS Timber Piling
- DOES ALL WATER AT FLOOD ELEVATION PASS THROUGH EXISTING STRUCTURE Yes
- IF NOT AT WHAT ELEVATION IS RELIEF AFFORDED _____
- ADDITIONAL WATERWAY AREA PROVIDED _____

NEW STRUCTURE

- RECOMMENDED TYPE OF STRUCTURE 80' W Beam with Concrete Deck
- RECOMMENDED CLEAR SPAN OR SPANS 85'-0"
- MEASURED PARALLEL TO NEW HIGHWAY 85'-0"
- MEASURED AT RIGHT ANGLES TO STREAM 85'-0"
- ARE THERE OBJECTIONS TO A PIER IN THE STREAM, ANSWER YES OR NO _____
- ORDINARY HIGH WATER ELEVATION AT NEW STRUCTURE 407.00 SOURCE OF INFORMATION Computed
- EXTREME HIGH WATER ELEVATION AT NEW STRUCTURE 410.00 SOURCE OF INFORMATION Computed
- IS ALL WATER INTENDED TO PASS THROUGH NEW STRUCTURE? Yes
- DOES STREAM REACH ITS MAXIMUM HIGH WATER ELEVATION RAPIDLY? No IS ORDINARY RISE RAPID? No
- LOW WATER ELEVATION AT NEW STRUCTURE 395.00
- DRAINAGE AREA IN ACRES ABOVE STRUCTURE 47552 CHARACTER OF TERRAINE Hilly
- IS STREAM EVER DRY? No
- VELOCITY OF STREAM AT HIGH WATER STAGE 6.8 ft/sec ESTIMATED DISCHARGE 7000 cfs
- AREA FULL OPENING 1030'± AREA BELOW ORDINARY H.W. 850'±
- CHARACTER OF SCOUR None DRIFT None ICE Negligible
- ESTIMATED DRAINAGE AREA ABOVE NATURAL OR ARTIFICIAL STORAGE 2825
- VERTICAL CLEARANCE ABOVE FLOOD ELEVATION 1'-0"
- ARE SIDEWALKS REQUIRED, IF SO ON WHAT SIDE No BOTH SIDES No
- RECOMMENDED TYPE OF PAVEMENT Bit. Conc. Pavement for Bridge Floors
- TRAFFIC TO BE MAINTAINED UNDER ITEM NO. 109 ONE OR TWO WAYS 2 PROBABLE COST \$250
- PROBABLE COST OF CLEARING AND CHURRING STREAM CHANNEL AT STRUCTURE SITE _____
- SHOULD PROVISIONS BE MADE FOR PUBLIC UTILITIES? No
- ESTIMATED ALLOWABLE LOAD ON FOUNDATIONS _____ SHOULD PILES BE USED? Yes EST. LTH. 30'

FOUNDATION INFORMATION
 OBTAINED FOR DESIGN PURPOSES ONLY, AND THE STATE ASSUMES NO RESPONSIBILITY WHATSOEVER FOR THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN. BOULDERS MAY BE ENCOUNTERED AT ANY PIER OR ABUTMENT LOCATION.

STATE OF VERMONT
 DEPT. OF HIGHWAYS
 PRELIMINARY INFORMATION SHEET FOR BRIDGES

ALBANY
 5-166(7)
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