

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS



PROPOSED IMPROVEMENT  
BRIDGE PROJECT

TOWN OF FERDINAND Pin# 00R182  
COUNTY OF ESSEX

ROUTE NO: VT 105 BRIDGE NO: 94

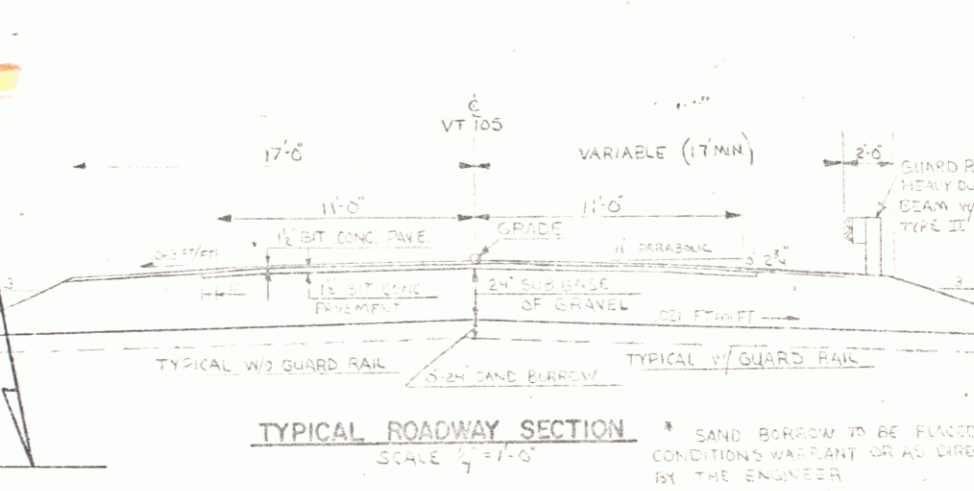
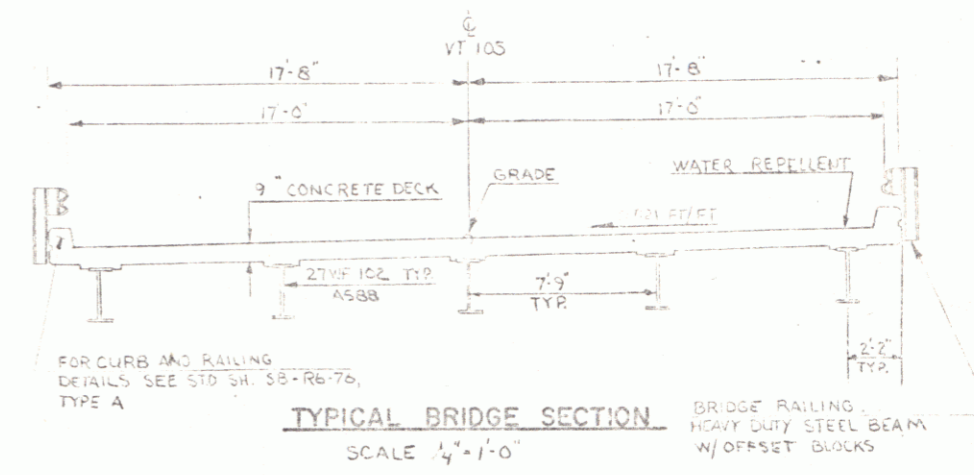
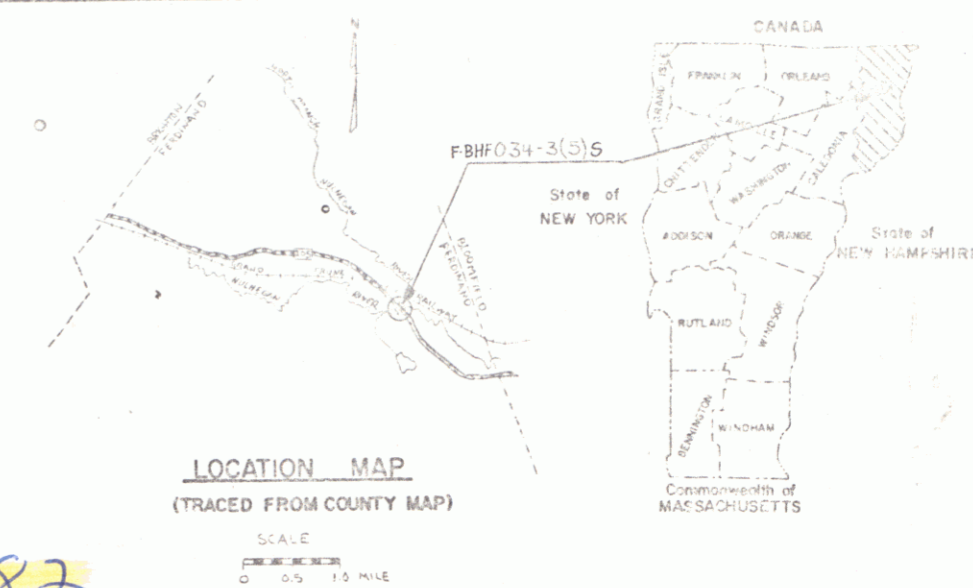
PROJECT LOCATION: ON VT 105 7.6 MILES WESTERLY  
FROM JUNCTION VT 102 AND VT 105.

PROJECT DESCRIPTION: REMOVAL OF EXISTING SUPERSTRUCTURE AND WINGS,  
CONSTRUCTION OF A SIMPLE SPAN ROLLED BEAM SUPERSTRUCTURE WITH CONCRETE DECK,  
EXTENSION OF EXISTING ABUTMENTS AND CONSTRUCTION OF NEW WINGS, RELATED  
ROAD APPROACH AND CHANNEL WORK.

LENGTH OF STRUCTURE: 44.0 FEET  
LENGTH OF PARTICIPATION ROADWAY: 456.0 FEET  
LENGTH OF NON-PARTICIPATION ROADWAY: 0.0 FEET  
LENGTH OF PROJECT: 500.0 FEET

LENGTH OF R.O.W. PROJECT = 550 FEET = 0.104 MILES

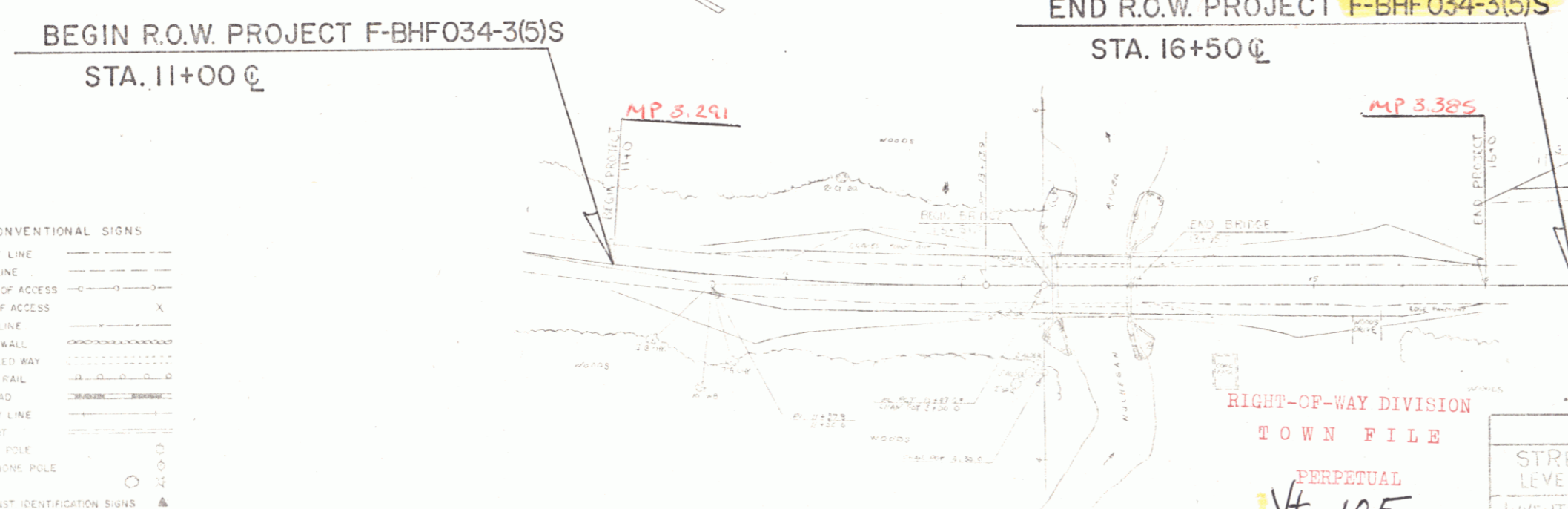
TRAFFIC DATA  
EST 1978 ADT = 540  
EST 1998 ADT = 770  
EST 1978 DHV = 135  
D = 56 %  
T = 7 %



- INDEX OF SHEETS
1. TITLE SHEET
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  8. ABUTMENT NO. 1 PLAN AND ELEVATION
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  - 12-15. ROADWAY CROSS SECTION
  - 16-20. CHANNEL CROSS SECTION
- STANDARD SHEETS
- E-5 JULY 1973 R
  - E-6 APRIL 20 1978 R
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  - 85-7676 TAK 8/77 R
  - SCB-0475 APRIL 3 1978 R
  - SCB-0475 APRIL 3 1978 R
  - SCB-07-71 DEC 15 1978 R
  - SCB-09-71 JAN 27 1978 R

GENERAL NOTES:

1. FOR ADDITIONAL NOTES SEE STD. SHEET SCB-0475  
ALSO SEE STANDARD SHEET E-5, E-6, E-7.
2. DESIGN IS FOR TRUCK HS-20 LIVE LOAD  
WITH ALLOWANCE FOR 2" FUTURE PAVEMENT.
3. THE CONTRACTOR SHALL FURNISH ALL MATERIALS  
SHOWN AS SUCH ON THIS SHEET. ALL MATERIALS  
FURNISHED SHALL BE SUBJECT TO INSPECTION BY  
CONTRACT INSPECTOR.
4. DURING THE CONSTRUCTION PERIOD THE CONTRACTOR  
SHALL PROVIDE EROSION CONTROL MEASURES TO  
PREVENT POLLUTION OF THE ADJACENT  
WATERWAYS OF RAIN, CONCRETE AND DEBRIS  
TO THE NEIGHBORING WATERS AS DIRECTED BY STANDARD  
SPECIFICATIONS TO SECTION 104.10 AND 104.11.
5. THIS ESTABLISHMENT SHALL BE AS DIRECTED  
BY THE ENGINEER AND SUBJECT TO OTHER  
SPECIAL ORDERS. SPECIAL ATTEMPT SHOULD BE MADE TO  
ESTABLISH GRADING CORNER BEFORE FRESH  
WEATHER.



CONVENTIONAL SIGNS

COUNTY LINE	---
TOWN LINE	---
LIMITS OF ACCESS	---
POINT OF ACCESS	X
FENCE LINE	---
STONE WALL	---
TRAVELLED WAY	---
GUARD RAIL	---
RAILROAD	---
SURVEY LINE	---
CULVERT	---
POWER POLE	○
TELEPHONE POLE	○
TREE	○
P.A. CONST. IDENTIFICATION SIGNS	▲
PROPERTY LINE	---
R.O.W. TAKING LINE	---
SLOPE RIGHTS	---
TOP OF CUT	---
TOP OF SLOPE	---

RIGHT-OF-WAY DIVISION  
TOWN FILE  
PERPETUAL  
Town of VT 105  
APPROVED BY THE TOWN ADMINISTRATION  
DATE: 9-1-1978

DEC 21 1981

STRESS LEVELS	LOAD RATING (Tons)					
	10	14	18	22	26	30
INVENTORY	42	33				
OPERATING	46	71	52	54	78	

PROJECT PROCESSED UNDER  
SECONDARY ROAD PLAN  
SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD  
APPROVED BY THE STATE HIGHWAY BOARD  
DATE: 5-1-78  
FERDINAND  
F-BHF034-3(5)S  
1/4

DEC 21 1981