

BOOK OF SHEETS

STATE OF VERMONT AGENCY OF TRANSPORTATION



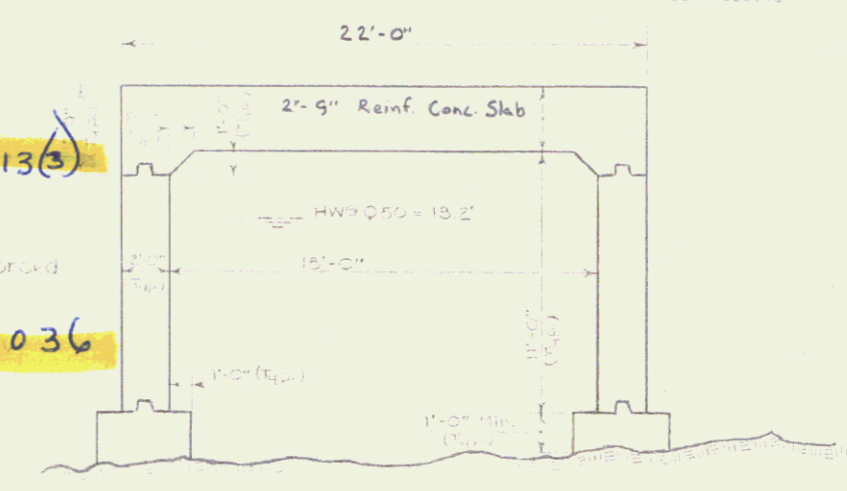
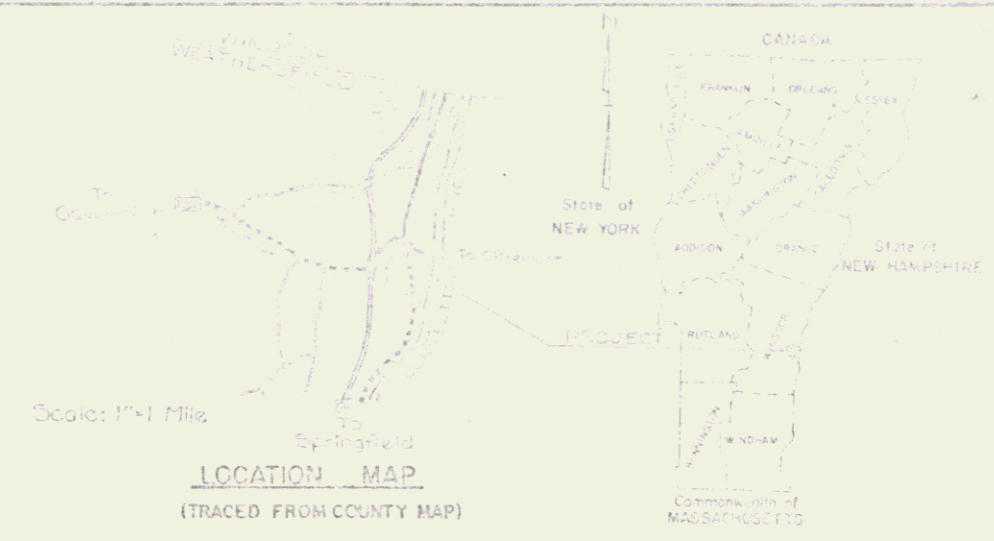
PROPOSED IMPROVEMENT BRIDGE PROJECT

TOWN OF WEATHERSFIELD
COUNTY OF WINDSOR

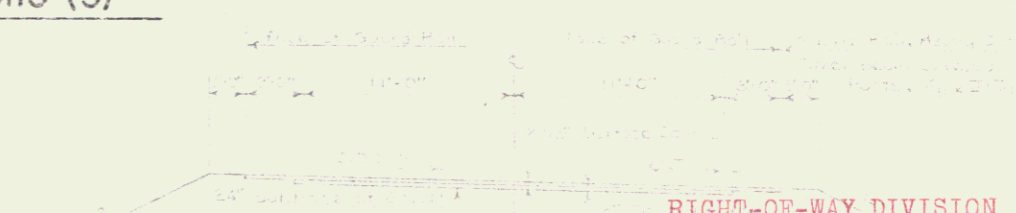
ROUTE NO: **US 5** BRIDGE NO: 54 **Project: BRS0113(3)**

PROJECT LOCATION: Beginning at a Point Approximately 0.7 Miles South of
Vt. 131 Intersection and Extending Northerly Along US 5 Approximately
PROJECT DESCRIPTION: This Project Consists of Construction of a New Reinforced
Concrete Box Girder, Minor Town Highway and Drive Exchanges and
Related Stationing and Original Work.

LENGTH OF STRUCTURE: 22.00 FEET **P.N.# 77B036**
LENGTH OF PARTICIPATION ROADWAY: FEET
LENGTH OF NON-PARTICIPATION ROADWAY: FEET
LENGTH OF PROJECT: 320.0 FEET
LENGTH OF R.O.W. PROJECT = 320 FEET = 0.051 MILES



TYPICAL RIGID FRAME SECTION



TYPICAL ROADWAY SECTION

R.O.W. PLANS

GENERAL NOTES:

BEGIN R.O.W. PROJECT BRS0113 (3)
STA. 101+50 CL

END R.O.W. PROJECT BRS0113 (3)
STA. 104+70 CL



CONVENTIONAL SIGNS

ROADWAY	...
TRUCK STOP	...
...	...

RIGHT-OF-WAY DIVISION
TOWN FILE

PERPETUAL
US Rte 5
Town of

To Be Returned To R.O.W. Division
mm 4.91 - 4.96

DEC 21 1981

HYDRAULIC DATA

Drainage Area = 11.5 Sq. Mi.
Q₁₀ = 1200 cfs. HW = 7.8'
Q₂₅ = 1700 cfs. HW = 10.0'
Q₅₀ = 2100 cfs. HW = 13.2'
Q₁₀₀ = 2500 cfs. HW = 15.2'
Tolerated Q₁₀₀ = 4.9'
Q₁₀₀ at Veloc. 14 @ 1050 = 15.0' fps
Stone Fill, Type III

APPROVED: [Signature]
DATE: 4-16-77
WEATHERSFIELD BRS0113(3)