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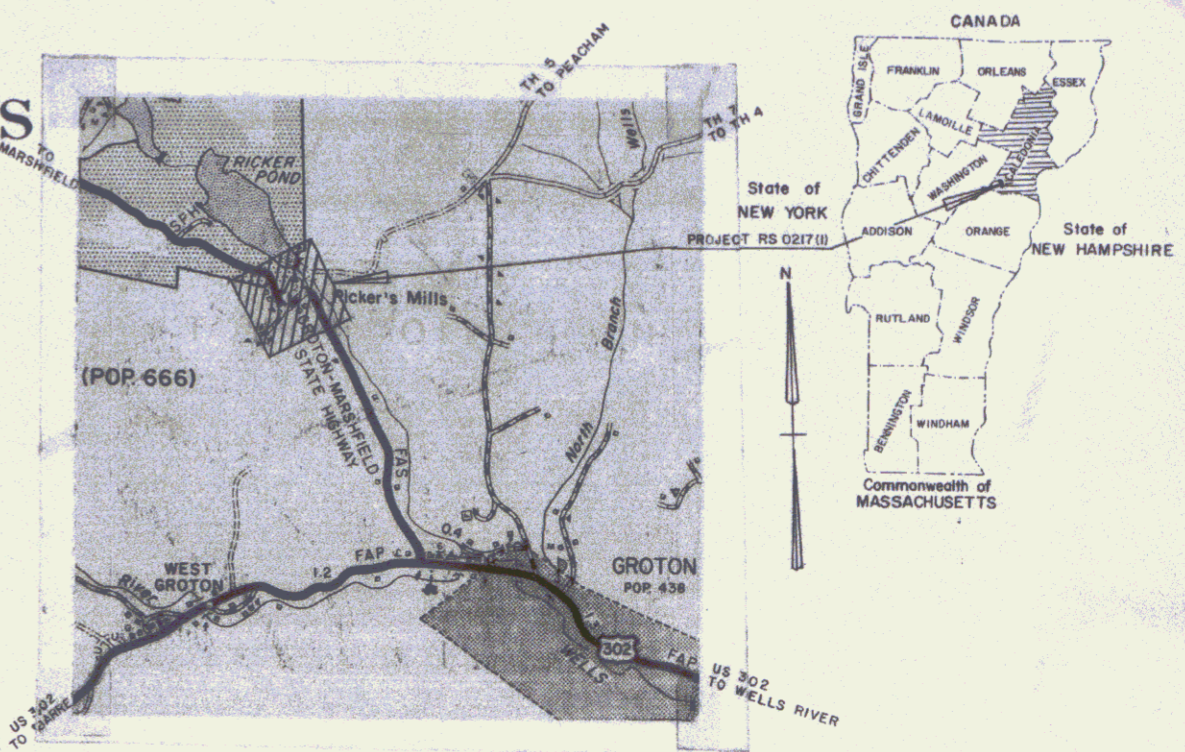
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**RECOR PLANS-MATERIALS**  
**GROTON RS 0217 (I)**  
 CONTRACTOR - S.G. PHILLIPS, WAITSFIELD, VT.  
 CONTRACT DATED - 29 AUGUST 1977  
 CONSTRUCTION BEGAN - 1 SEPTEMBER 1977  
 CONSTRUCTION COMPLETED - 22 NOVEMBER 1977  
 CONSTRUCTION ACCEPTED - 25 NOVEMBER 1977  
 RESIDENT ENGINEER - FRED JORDAN  
 REINFORCING STEEL - AUBURN STEEL COMPANY, INC., AUBURN, N.Y.  
 GRAVEL FOR SHOULDERS, SUBBASE OF GRAVEL, GRANULAR BACKFILL FOR STRUCTURES - CLARK PITS, GROTON, VT.  
 SUBBASE OF DENSE GRADED CRUSHED ROCK - PEPINI CORPORATION, NEWBURY, VT.  
 BITUMINOUS CONCRETE PAVEMENT - COOLEY ASPHALT, WEBSTERVILLE, VT.  
 CONCRETE - LAWRENCE, WOODSVILLE, N.H.  
 GRANULAR BORROW, SAND CUSHION - CLARK PIT, GROTON, VT.  
 ASPHALT - B.P. OIL, CANADA  
 CGMP, MES, UNDERDRAIN, CARRIER PIPE, FLUSHING BASINS - NOTHEASTERN CULVERT CORP, WESTMINSTER, VT.  
 RCP - S.T. GRISWOLD & CO., INC., WILLISTON, VT.  
 CAST IRON GRATES WITH FRAMES - NEENAH FOUNDRY CO., NEENAH, WISC.  
 RECORD PLANS - FRED JORDAN

**STATE OF VERMONT**  
**DEPARTMENT OF HIGHWAYS**



**FEDERAL AID SECONDARY**  
**PROPOSED IMPROVEMENT**  
**TOWN OF GROTON**  
**COUNTY OF CALEDONIA**  
**GROTON MARSHFIELD STATE HIGHWAY**  
**VT 232**



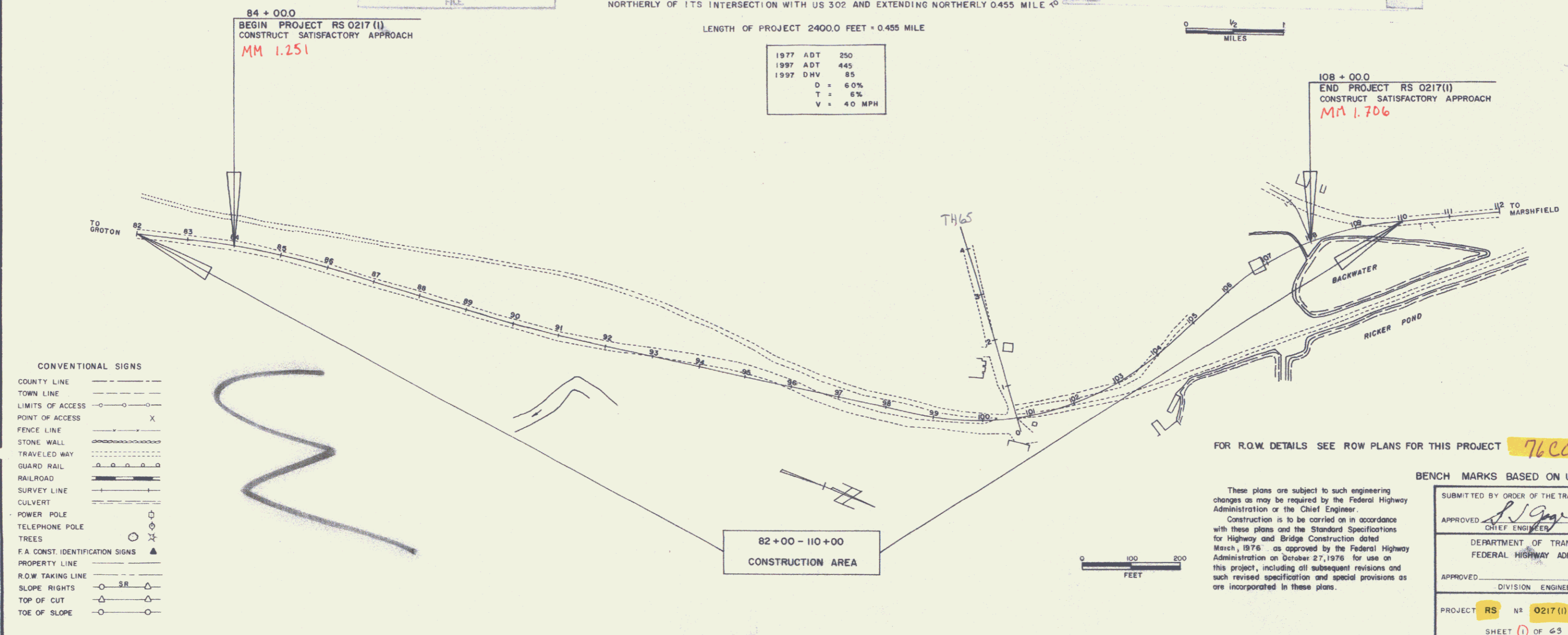
BEGINNING AT A POINT IN GROTON-MARSHFIELD HIGHWAY APPROXIMATELY 1.5 MILES NORTHERLY OF ITS INTERSECTION WITH US 302 AND EXTENDING NORTHERLY 0.455 MILE TO

84 + 00.0  
 BEGIN PROJECT RS 0217 (I)  
 CONSTRUCT SATISFACTORY APPROACH  
 MM 1.251

LENGTH OF PROJECT 2400.0 FEET = 0.455 MILE

1977 ADT	250
1997 ADT	445
1997 DHV	85
D	6.0%
T	8%
V	40 MPH

108 + 00.0  
 END PROJECT RS 0217 (I)  
 CONSTRUCT SATISFACTORY APPROACH  
 MA 1.706



**CONVENTIONAL SIGNS**

COUNTY LINE	---
TOWN LINE	---
LIMITS OF ACCESS	---
POINT OF ACCESS	X
FENCE LINE	---
STONE WALL	---
TRAVELED WAY	---
GUARD RAIL	---
RAILROAD	---
SURVEY LINE	---
CULVERT	---
POWER POLE	⊕
TELEPHONE POLE	⊕
TREES	○
F.A. CONST. IDENTIFICATION SIGNS	▲
PROPERTY LINE	---
R.O.W. TAKING LINE	---
SLOPE RIGHTS	SR
TOP OF CUT	△
TOE OF SLOPE	○

FOR R.O.W. DETAILS SEE ROW PLANS FOR THIS PROJECT **76C066**

BENCH MARKS BASED ON USGS ELEV.

These plans are subject to such engineering changes as may be required by the Federal Highway Administration or the Chief Engineer.

Construction is to be carried on in accordance with these plans and the Standard Specifications for Highway and Bridge Construction dated March, 1976 as approved by the Federal Highway Administration on October 27, 1976 for use on this project, including all subsequent revisions and such revised specification and special provisions as are incorporated in these plans.

SUBMITTED BY ORDER OF THE TRANSPORTATION BOARD  
 APPROVED: *[Signature]* DATE 7/18/77  
 CHIEF ENGINEER  
 DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
 DIVISION ENGINEER  
 PROJECT RS NO 0217 (I)  
 SHEET 1 OF 63 SHEETS  
 D-10 SRS 12/17/70