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# STATE OF VERMONT AGENCY OF TRANSPORTATION



## PROPOSED IMPROVEMENT TOWNS OF GUILDHALL & MAIDSTONE COUNTY OF ESSEX VERMONT ROUTE 102

BEGINNING AT A POINT IN THE TOWN OF GUILDHALL, AT THE INTERSECTION OF US ROUTE 2 & VT ROUTE 102, AT MILE MARKER 0.000 AND EXTENDING NORTHERLY ALONG VERMONT ROUTE 102 FOR A DISTANCE OF 55,878 FT (10.583 MILES) TO MILE MARKER 2.835 IN THE TOWN OF MAIDSTONE. ALSO INCLUDES THE VERMONT ROUTE 102 APPROACH FROM MILE MARKER 0.000 TO MILE MARKER 0.068; AND THE TH #2 APPROACH FROM MM 0.000 TO MM 0.083 IN THE TOWN OF GUILDHALL.

LENGTH OF ROADWAY = 55,878 FT = (10.583 MILES)  
LENGTH OF VT 102 APPROACH = 359 FT = (0.068 MILES)  
LENGTH OF TH#2 APPROACH = 438 FT = (0.083 MILES)

LENGTH OF PROJECT = 56,676 FT = (10.734 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RESURFACING OF THE EXISTING HIGHWAY WITH A LEVELING COURSE AND WEARING COURSE, NEW PAVEMENT MARKINGS, GUARDRAIL, SIGNS AND OTHER RELATED ITEMS AS SHOWN IN THE PROJECT QUANTITIES.

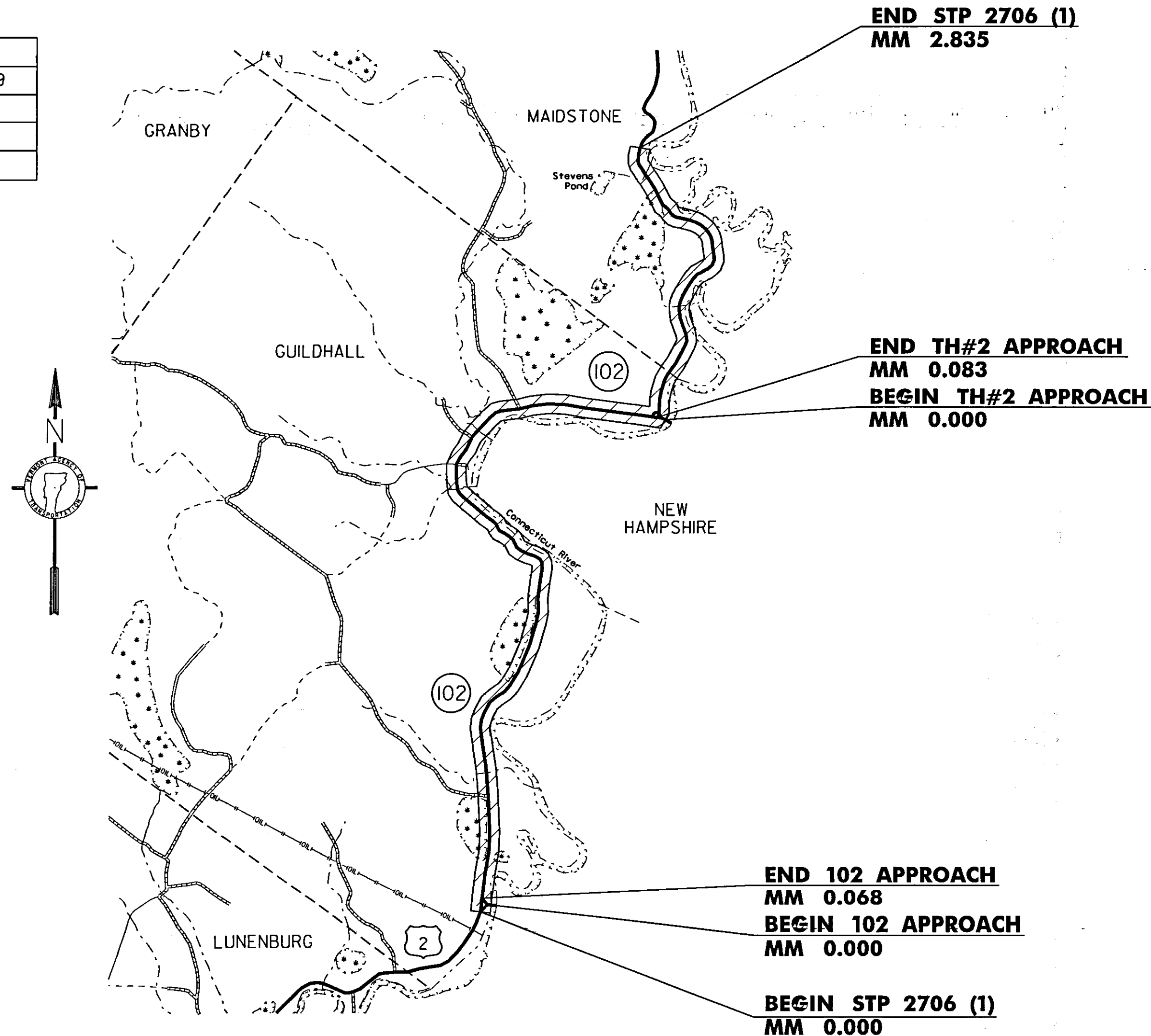
TRAFFIC DATA

SECTION	AADT		DHV		ESALS	
	2010	2020	2010	2019	2010-2019	2010-2029
BEGIN PROJECT TO TH#2	670	750	140	160	332,000	745,000
TH#2 TO END PROJECT	440	490	100	110	322,000	694,000
VT 102 APPROACH: BEGIN TO END PROJECT	530	580	120	130	190,000	494,000

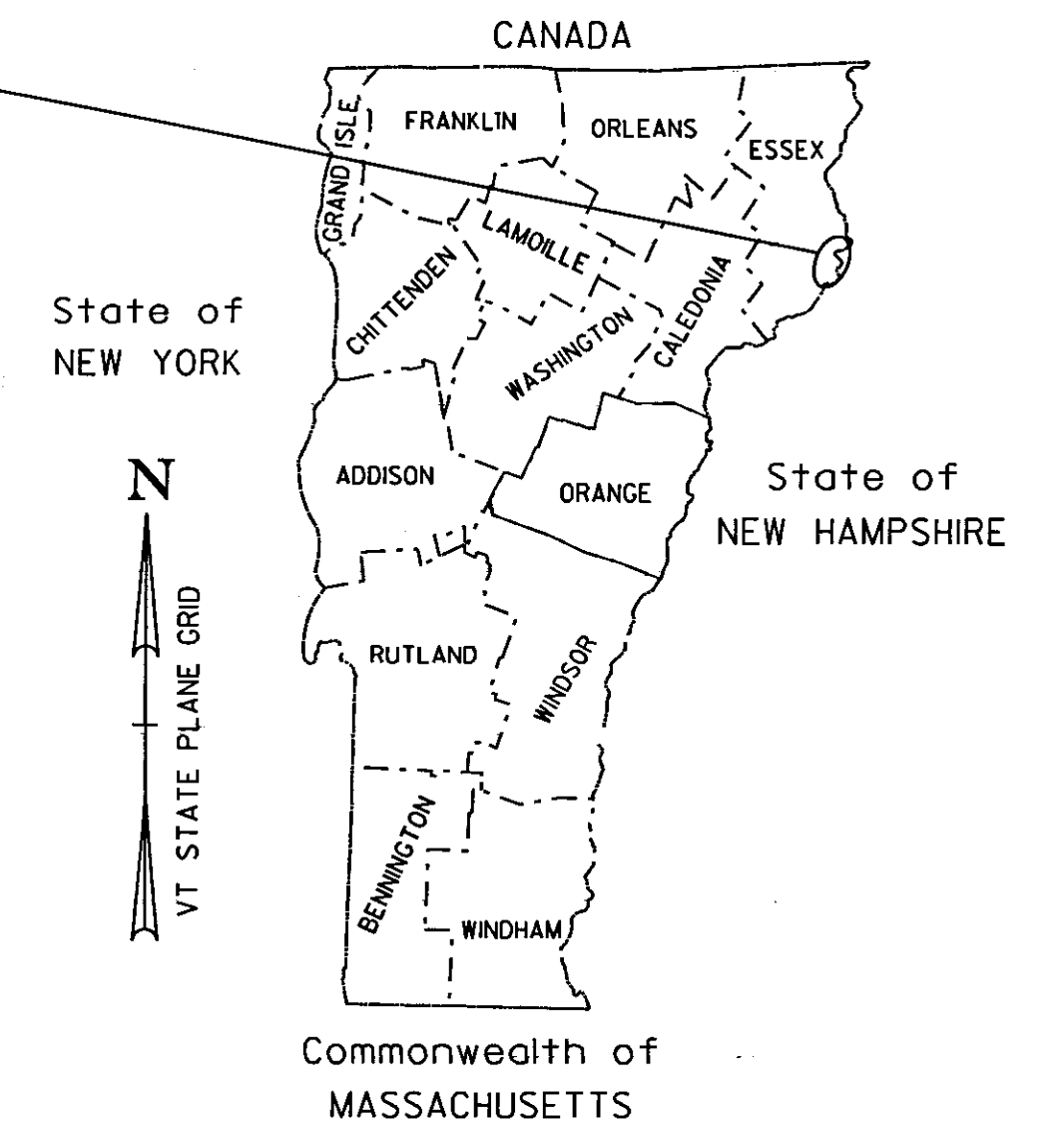
BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE / DESIGN LIFE ESAL	372,500
DESIGN NUMBER OF GYRATIONS	50
PERFORMANCE GRADE ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS

**CONVENTIONAL SYMBOLS**

COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
STONE WALL	
TRAVELED WAY	
GUARDRAIL	
RAILROAD	
SURVEY LINE	
CULVERT	
POWER POLE	
TELEPHONE POLE	
TREES	
CONTROL OF ACCESS	
PROPERTY LINE	
R.O.W. TAKING LINE	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	



PROJECT LOCATION  
STP 2706 (1)



**RECORD PLANS**

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN, VT  
RESIDENT ENGINEER: JIM FOREST  
CONSTRUCTION BEGAN: APRIL 28, 2009  
CONSTRUCTION COMPLETE: OCTOBER 20, 2010  
RECORD PLANS BY: JIM FOREST & CRAIG PIERCE

I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY [Signature] RESIDENT ENGINEER  
DATE 3/31/2011

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.  
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED <u>[Signature]</u>	DATE <u>12-3-09</u>
PROJECT MANAGER : KEVIN MARSHIA	
PROJECT NAME : GUILDHALL - MAIDSTONE	
PROJECT NUMBER : STP 2706 (1)	
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