

STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
TOWNS OF STOCKBRIDGE & BETHEL
COUNTY OF WINDSOR
VT. ROUTE 107 (MINOR ARTERIAL)

BEGINNING AT A POINT IN THE TOWN OF STOCKBRIDGE ON VT. ROUTE 107 AT MILE MARKER 0.000 = STA 0+00.00 AND EXTENDING EASTERLY FOR A DISTANCE OF APPROXIMATELY 16,620.00 FEET (3.148 MILES) AND STOPPING AT MILE MARKER 3.148 = STA 166+20.00, THEN RESUMING AT MILE MARKER 3.395 = STA 179+26.00 AND CONTINUING TO A POINT IN THE TOWN OF BETHEL AT MILE MARKER 3.225 = STA B 170+28.00.

LENGTH OF ROADWAY, TOWN OF STOCKBRIDGE	34,078.48 FT (6.454 MILES)
LENGTH OF ROADWAY, TOWN OF BETHEL	17,028.00 FT (3.225 MILES)
LENGTH OF BR 022-1(20)S	1,306.00 FT (0.247 MILE)
LENGTH OF PROJECT	51,106.48 FT (9.679 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RECLAIMING AND/OR COLD PLANING SEGMENTS OF THE EXISTING HIGHWAY AND OVERLAYING WITH AN INTERMEDIATE COURSE AND A WEARING COURSE, WITH PAVEMENT MARKINGS, GUARDRAIL, DRAINAGE IMPROVEMENTS AND OTHER HIGHWAY RELATED ITEMS. WORK TO BE PERFORMED UNDER THE FHWA HIGHWAYS FOR LIFE GRANT INCLUDES EXPERIMENTAL GRADING AND COMPACTION TECHNOLOGIES.

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN, VT

RESIDENT ENGINEER: CHRIS BARKER

CONSTRUCTION BEGAN: JUNE 30, 2014

CONSTRUCTION COMPLETE: JULY 31, 2015

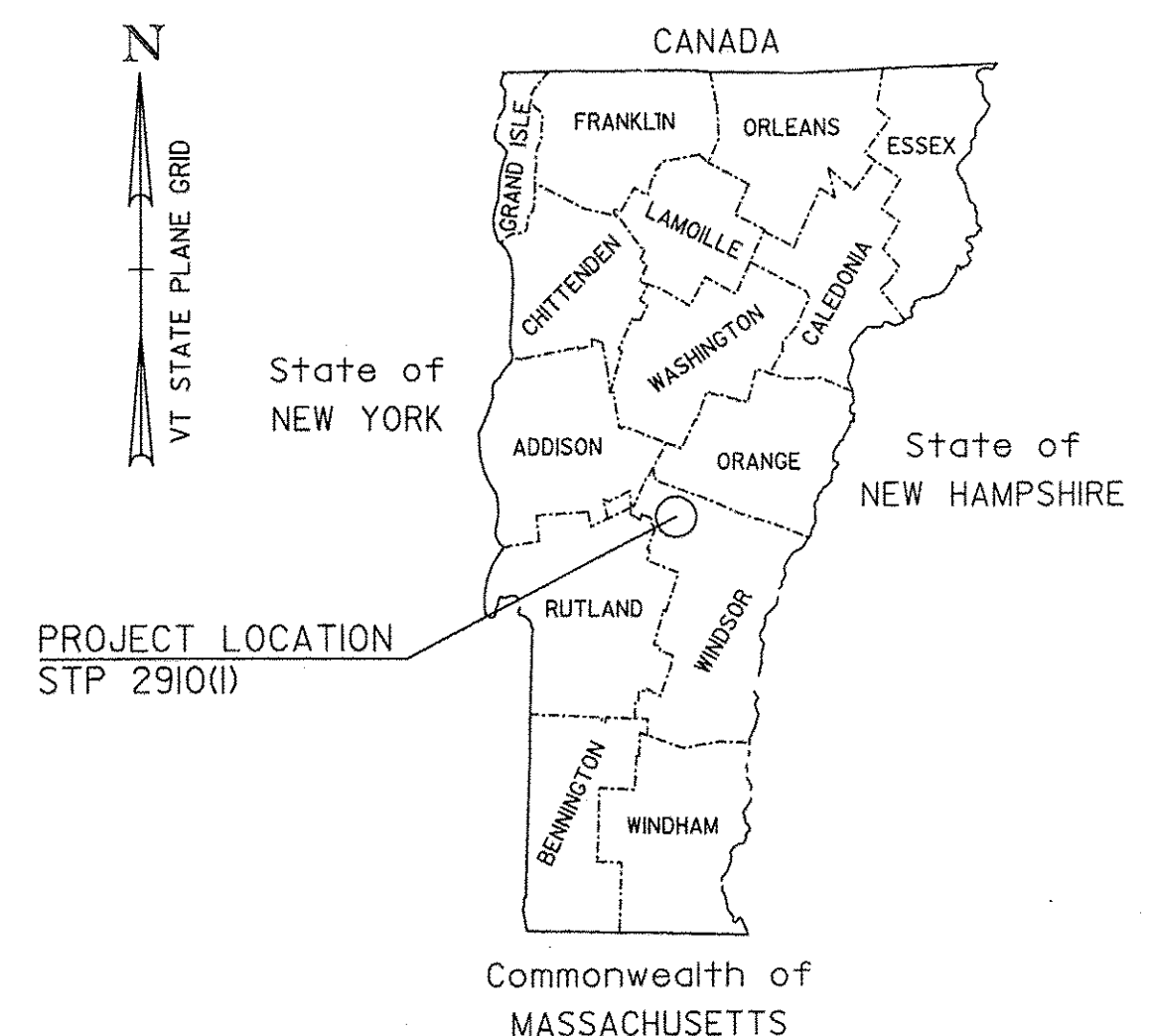
RECORD PLANS BY: CHRIS BARKER & KEVIN KING

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

BY: *[Signature]* RESIDENT ENGINEER

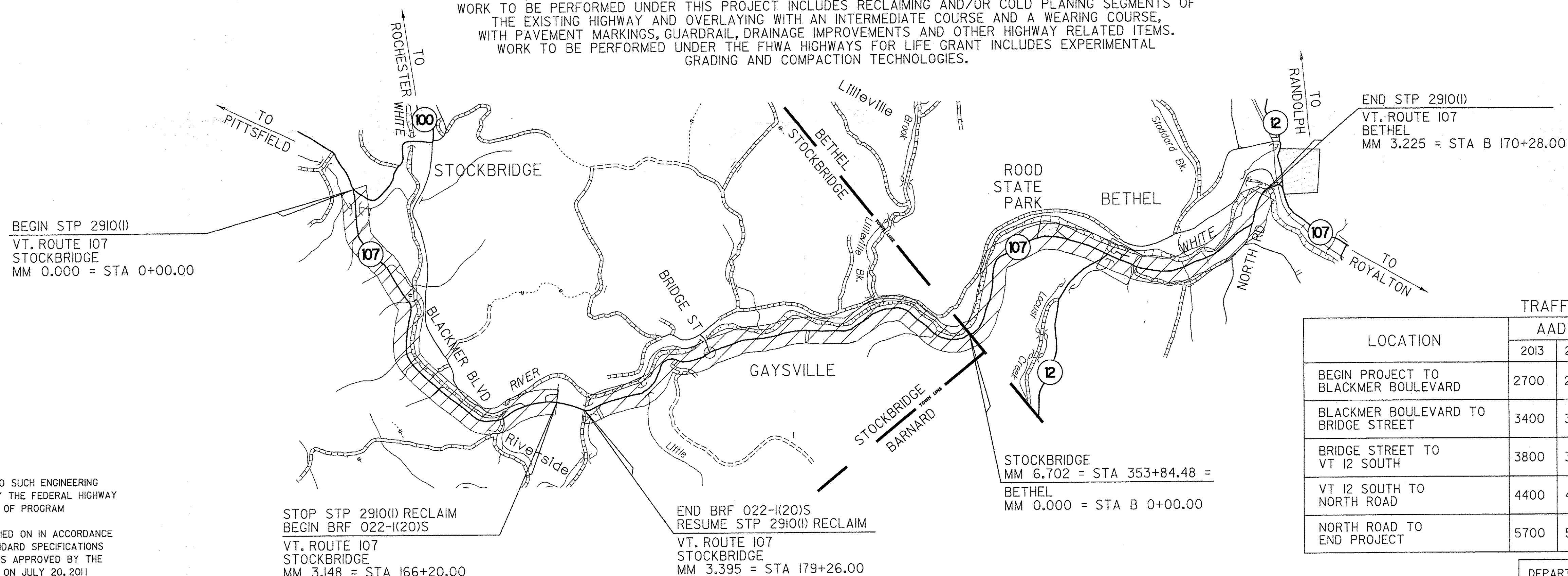
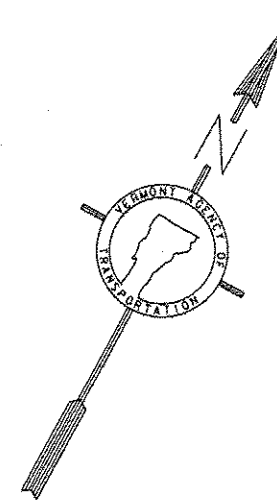
DATE: 09/03/16

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found by contacting Vtrans Records Management.



BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA

DESIGN LANE/DESIGN LIFE ESAL	1,900,500
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	SEE SUBSECTION 490.03(b)



TRAFFIC DATA

LOCATION	AADT		DHV		ESALs	
	2013	2023	2013	2023	2013-2023	2013-2033
BEGIN PROJECT TO BLACKMER BOULEVARD	2700	2800	320	330	1,067,000	2,401,000
BLACKMER BOULEVARD TO BRIDGE STREET	3400	3500	400	410	1,121,000	2,522,000
BRIDGE STREET TO VT 12 SOUTH	3800	3900	440	450	1,146,000	2,581,000
VT 12 SOUTH TO NORTH ROAD	4400	4500	510	520	1,448,000	3,287,000
NORTH ROAD TO END PROJECT	5700	5900	650	670	1,673,000	3,801,000

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 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

QUALITY ASSURANCE PROGRAM : LEVEL I
SURVEYED BY : VERMONT SURVEY AND ENGINEERING, INC
SURVEYED DATE : FEBRUARY 2011
DATUM
VERTICAL : NAVD 88 (GEOID03)
HORIZONTAL : NAD 83 (2007)

PLANS PREPARED BY

CHA

[Signature]

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATOR

APPROVED _____ DATE _____

DIRECTOR OF PROGRAM DEVELOPMENT

APPROVED *[Signature]* DATE 3-18-14

PROJECT MANAGER : MIKE FOWLER, P.E.

PROJECT NAME : STOCKBRIDGE - BETHEL
PROJECT NUMBER : STP 2910(I)

SHEET 1 OF 397 SHEETS

FILE NAME = V:\Projects\14122428\CADD\14122428\14122428.dgn
DATE = 3/18/14
USER = 416