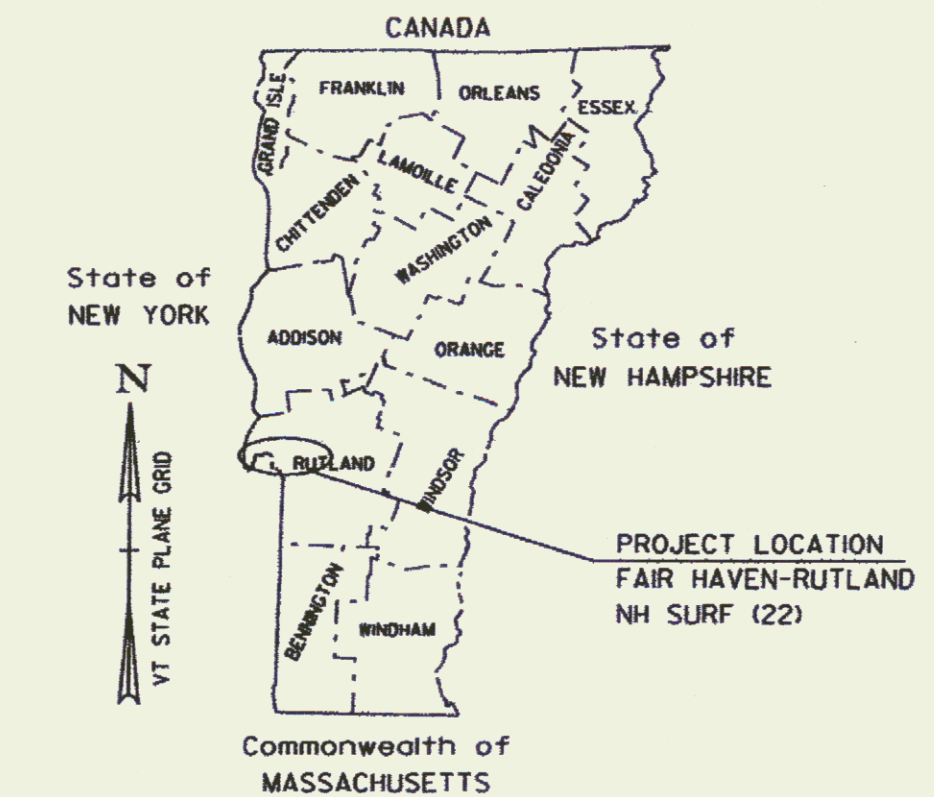


STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT TOWNS OF FAIR HAVEN CASTLETON IRA WEST RUTLAND & RUTLAND COUNTY OF RUTLAND U.S. ROUTE 4 EB & WB



INDEX OF SHEETS

1. TITLE SHEET
2. COMPOSITE NOTES SHEET
- 3.-4. TYPICAL SECTION SHEETS
- 5.-6. QUANTITY SHEETS
7. BRIDGE DETAIL SHEET
8. RAILROAD CROSSING DETAIL SHEET
- 9.-10. PAVEMENT MARKING DETAIL SHEETS
- 11.-17. INTERCHANGE PAVEMENT MARKING DETAIL SHEETS
- 18.-21. ROUGHNESS/RUT DATA INFORMATION SHEETS
- 22.-23. INTERCHANGE TRAFFIC CONTROL SHEETS
24. TRAFFIC CONTROL NOTES SHEET

BRIDGE JOINT, ASPHALTIC PLUG (STRUCTURES DETAIL SD-516.10)

VAOT STANDARDS

E-100	CONSTRUCTION APPROACH SIGNS	01/02/04
E-101	CONSTRUCTION SIGN DETAILS	05/30/03
E-102	CONSTRUCTION SIGN DETAILS	06/30/03
E-102A	CONSTRUCTION SIGN DETAILS	05/01/04
E-103	MAINLINE TRAFFIC CONTROL DIVIDED HIGHWAY ONE LANE CLOSED	03/01/04
E-105	TRAFFIC CONTROL FOR CONSTRUCTION VEHICLE U-TURNS ON DIVIDED HIGHWAY	05/01/04
E-106	TRAFFIC CONTROL - MISCELLANEOUS DETAILS	03/01/04
E-107A	BREAKAWAY BARRICADE DETAILS	06/08/09
E-190	RAILROAD CROSSING PAVEMENT MARKINGS	06/30/03
E-191	PAVEMENT MARKING DETAILS	02/01/99
E-192	PAVEMENT MARKING DETAILS	10/12/00
E-193	PAVEMENT MARKING DETAILS	08/18/95

RECORD PLANS

CONTRACTOR: ALL STATE ASPHALT, INC. - SUNDERLAND, MA
 RESIDENT ENGINEER: SANDRA SCHMITT
 CONSTRUCTION BEGAN: MAY 21, 2012
 CONSTRUCTION COMPLETE: SEPTEMBER 21, 2012
 RECORD PLANS BY: SANDRA SCHMITT & STEPHEN KENT

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

BY *Sandra E. Schmitt* RESIDENT ENGINEER
 DATE 05-20-13

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.

QUALITY ASSURANCE PROGRAM: LEVEL 1

CONVENTIONAL SYMBOLS

COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
STONE WALL	
TRAVELED WAY	
GUARD RAIL	
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	

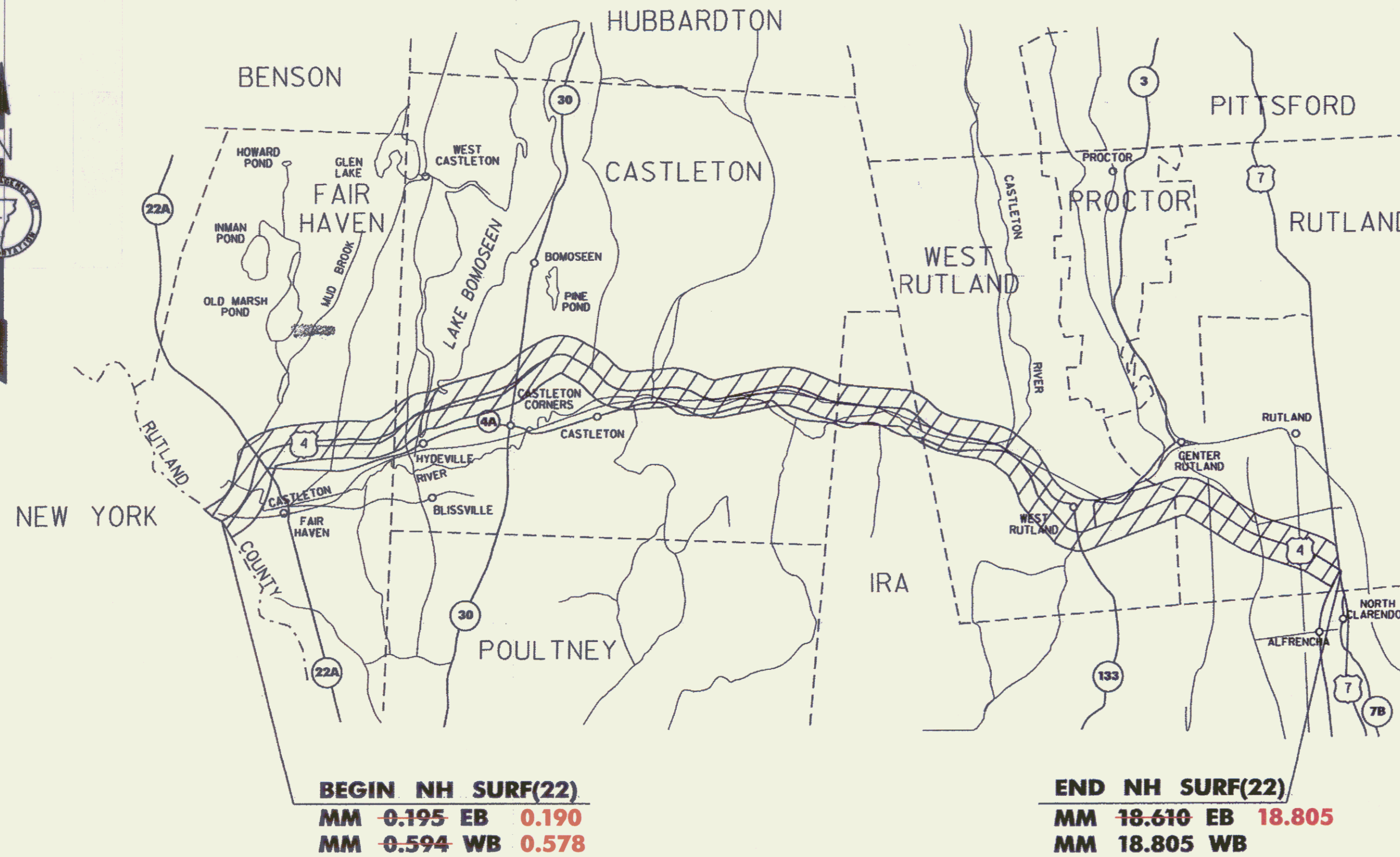
SURVEYED BY : N/A
 SURVEYED DATE : N/A

DATUM
 VERTICAL N/A
 HORIZONTAL N/A

THIS PROJECT INCLUDES BOTH EASTBOUND AND WESTBOUND BARRELS. EB: MM 0.195 ~ MM 18.610; WB: MM 0.594 ~ MM 18.805
 INCLUDED ARE THE RAMPS AT INTERCHANGES 2, 3, 4, 5, AND 6.

EB LENGTH OF ROADWAY = 97,231.2 FT = (18.415 MILES) = 98,287.20 FT = (18.615 MILES)
 WB LENGTH OF ROADWAY = 96,154.08 FT = (18.211 MILES) = 96,238.56 FT = (18.227 MILES)
 PROJECT LENGTH = 97,231.20 FT = (18.415 MILES) 98,287.20 FT = (18.615 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES SURFACE PREPARATION INVOLVING PATCHING, POT HOLE REPAIR, CRACK SEALING AND OVERLAYING WITH A THIN BITUMINOUS SURFACE TREATMENT, TRAFFIC MARKINGS AND OTHER HIGHWAY RELATED ITEMS.



TRAFFIC DATA

EASTBOUND	WESTBOUND
NY S/L - VT. RTE. 4A 2011 ADT = 3900 2011 DHV = 500 2021 ADT = 4300 2021 DHV = 550	NY S/L - VT. RTE. 4A 2011 ADT = 3900 2011 DHV = 540 2021 ADT = 4300 2021 DHV = 600
2011 - 2021 CUM. ESALS = 2,973,000 2011 - 2031 CUM. ESALS = 7,081,000	2010 - 2020 CUM. ESALS = 2,779,000 2011 - 2031 CUM. ESALS = 6,597,000
VT. RTE. 4A - VT. 22A 2011 ADT = 3500 2011 DHV = 450 2021 ADT = 3800 2021 DHV = 490	VT. RTE. 4A - VT. 22A 2011 ADT = 3550 2011 DHV = 490 2021 ADT = 3800 2021 DHV = 530
2011 - 2021 CUM. ESALS = 2,291,000 2011 - 2031 CUM. ESALS = 5,130,000	2010 - 2020 CUM. ESALS = 2,325,000 2011 - 2031 CUM. ESALS = 5,213,000
VT. RTE. 22A - FSH 2011 ADT = 3100 2011 DHV = 400 2021 ADT = 3300 2021 DHV = 430	VT. RTE. 22A - FSH 2011 ADT = 3100 2011 DHV = 430 2021 ADT = 3300 2021 DHV = 460
2011 - 2021 CUM. ESALS = 1,334,000 2011 - 2031 CUM. ESALS = 3,152,000	2010 - 2020 CUM. ESALS = 4,132,000 2011 - 2031 CUM. ESALS = 13,802,000
FSH - VT. RTE. 30 2011 ADT = 4000 2011 DHV = 520 2021 ADT = 4300 2021 DHV = 550	FSH - VT. RTE. 30 2011 ADT = 4000 2011 DHV = 560 2021 ADT = 4300 2021 DHV = 600
2011 - 2021 CUM. ESALS = 1,690,000 2011 - 2031 CUM. ESALS = 3,648,000	2011 - 2021 CUM. ESALS = 2,292,000 2011 - 2031 CUM. ESALS = 4,799,000
VT. RTE. 30 - CSH 2011 ADT = 5700 2011 DHV = 740 2021 ADT = 6000 2021 DHV = 770	VT. RTE. 30 - CSH 2011 ADT = 5700 2011 DHV = 790 2021 ADT = 6000 2021 DHV = 830
2011 - 2021 CUM. ESALS = 2,014,000 2011 - 2031 CUM. ESALS = 4,851,000	2011 - 2021 CUM. ESALS = 1,466,000 2011 - 2031 CUM. ESALS = 3,500,000
CSH - BR US 4 2011 ADT = 6800 2011 DHV = 730 2021 ADT = 7400 2021 DHV = 800	CSH - BR US 4 2011 ADT = 6800 2011 DHV = 830 2021 ADT = 7400 2021 DHV = 900
2011 - 2021 CUM. ESALS = 1,759,000 2011 - 2031 CUM. ESALS = 4,261,000	2011 - 2021 CUM. ESALS = 2,423,000 2011 - 2031 CUM. ESALS = 5,951,000
BR US 4 - US 7 2011 ADT = 5100 2011 DHV = 550 2021 ADT = 5600 2021 DHV = 600	BR US 4 - US 7 2011 ADT = 5100 2011 DHV = 620 2021 ADT = 5600 2021 DHV = 680
2011 - 2021 CUM. ESALS = 1,583,000 2011 - 2031 CUM. ESALS = 3,848,000	2011 - 2021 CUM. ESALS = 1,928,000 2011 - 2031 CUM. ESALS = 4,687,000

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 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.
 p09a380*1.1

DIRECTOR OF PROGRAM DEVELOPMENT
 APPROVED: *[Signature]* DATE 5/1/11
 PROJECT MANAGER: MICHAEL FOWLER, P.E.
 PROJECT NAME: FAIR HAVEN - RUTLAND
 PROJECT NUMBER: NH SURF (22)
 SHEET 1 OF 24 SHEETS