FOR INDEX OF SHEETS SEE SHEET 2 OF 239

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. – BERLIN, VT

RESIDENT ENGINEER: CHRIS BARKER

CONSTRUCTION BEGAN: JUNE 18, 2007

CONSTRUCTION COMPLETE: DECEMBER 22, 2009

RECORD PLANS BY: CHRIS BARKER & JENNA HYDE

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

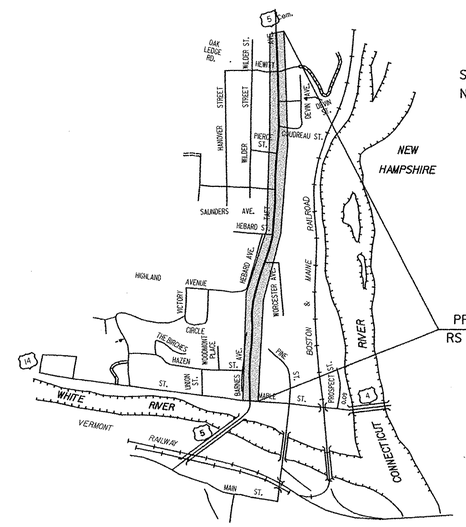
BY _____ RESIDENT ENGINEER

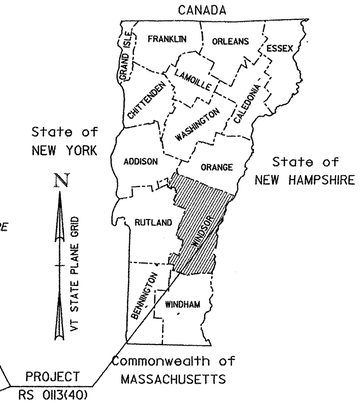
DATE 01/16/14

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.

TOWN OF HARTFORD
COUNTY OF WINDSOR
U.S. ROUTE 5 (MAJOR COLLECTOR)

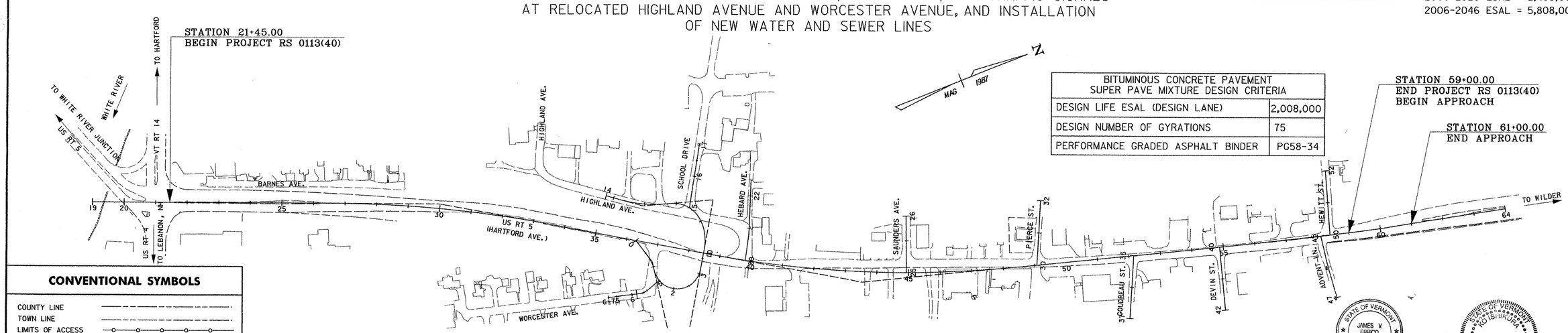
BEGINNING ON US ROUTE 5 AT THE INTERSECTION OF US ROUTE 5 AND US ROUTE 4/VT ROUTE 14 AND EXTENDING NORTHERLY 0.711 MILES.
LENGTH OF ROADWAY: 3755.00 FT. = 0.711 MILES
LENGTH OF PROJECT: 3755.00 FT. = 0.711 MILES
THIS PROJECT CONSISTS OF RECONSTRUCTION WITH MINOR RELOCATION, INCLUDING PAVEMENT, DRAINAGE, CURB, SIDEWALKS, U.S. RTE. 5 GROUND ANCHORED SOLDIER PILE WALL, BARNES AVENUE SHEET PILE RETAINING WALL, LANDSCAPING, WITH TRAFFIC SIGNALS AT RELOCATED HIGHLAND AVENUE AND WORCESTER AVENUE, AND INSTALLATION OF NEW WATER AND SEWER LINES





TRAFFIC DATA

2006 ADT	=	9,000
2006 DHV	=	940
2006 ADTT	=	270
2026 ADT	=	11,300
2026 DHV	=	1,200
2026 ADTT	=	450
D	=	54%
T	=	4%
V	=	30 MPH
2006-2026 ESAL	=	2,403,000
2006-2046 ESAL	=	5,808,000



BITUMINOUS CONCRETE PAVEMENT SUPER PAVE MIXTURE DESIGN CRITERIA	
DESIGN LIFE ESAL (DESIGN LANE)	2,008,000
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	PG58-34

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 (SR)
TOP OF CUT
TOE OF SLOPE

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

0 150 300
SCALE IN FEET

STATE OF VERMONT JAMES V. ERRICO UC.# 6726 PROFESSIONAL ENGINEER
FOR GROUND ANCHORED SOLDIER PILE WALL ONLY

STATE OF VERMONT PIO GRAHAM NO. 7599 LICENSED PROFESSIONAL ENGINEER

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROJECT DEVELOPMENT.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON MARCH, 2001 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

Green International Affiliates, Inc.
Consulting Engineers
Medford, MA

APPROVED _____ DATE 2/1/07
DIRECTOR OF PROJECT DEVELOPMENT

PROJECT HARTFORD RS 0113(40)

SHEET 1 OF 239 SHEETS