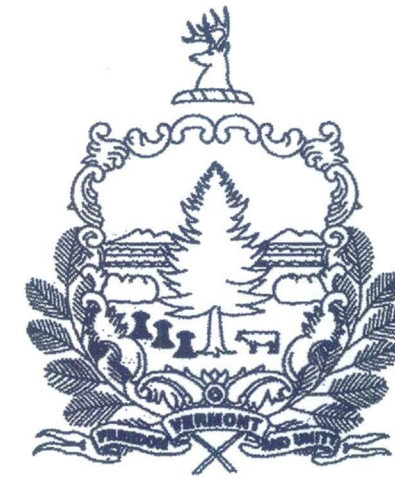


# STATE OF VERMONT AGENCY OF TRANSPORTATION



| APPROACH                      | AADT   |        | DHV   |       | %T   |      | %D   |      | ADTT |      | ESALS       |             |
|-------------------------------|--------|--------|-------|-------|------|------|------|------|------|------|-------------|-------------|
|                               | 2016   | 2036   | 2016  | 2036  | 2016 | 2036 | 2016 | 2036 | 2016 | 2036 | (2016-2036) | (2016-2056) |
| VT100 (SOUTH LEG)             | 10,000 | 10,200 | 1,100 | 1,100 | 1.8  | 3.0  | 59   | 59   | 590  | 1000 | 4,730,000   | 11,242,000  |
| VT100 (LAPORTE RD) (EAST LEG) | 5,400  | 5,500  | 590   | 600   | 2.9  | 4.9  | 57   | 57   | 270  | 470  | 2,025,000   | 4,838,000   |
| ALT VT100 (NORTH LEG)         | 6,200  | 6,400  | 690   | 700   | 1.4  | 2.5  | 58   | 58   | 410  | 690  | 3,437,000   | 8,117,000   |
| BISHOP MARSHALL DR (WEST LEG) | 520    | 530    | 40    | 40    | 0    | 0    | 50   | 50   | 20   | 30   | 76,000      | 170,000     |

**VT100 & ALT VT100**  
**POSTED SPEED = 40 mph**  
**DESIGN SPEED = 50 mph**

**VT100(LAPORTE RD) & BISHOP MARSHALL DRIVE**  
**POSTED SPEED = 25 mph**  
**DESIGN SPEED = 35 mph**

| BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA |                 |
|--|-----------------|
| DESIGN LIFE ESALS (DESIGN LANE) (20 YR)                        | 2,790,700       |
| DESIGN NUMBER OF GYRATIONS                                     | 65              |
| PERFORMANCE GRADED ASPHALT BINDER                              | SEE SECTION 490 |

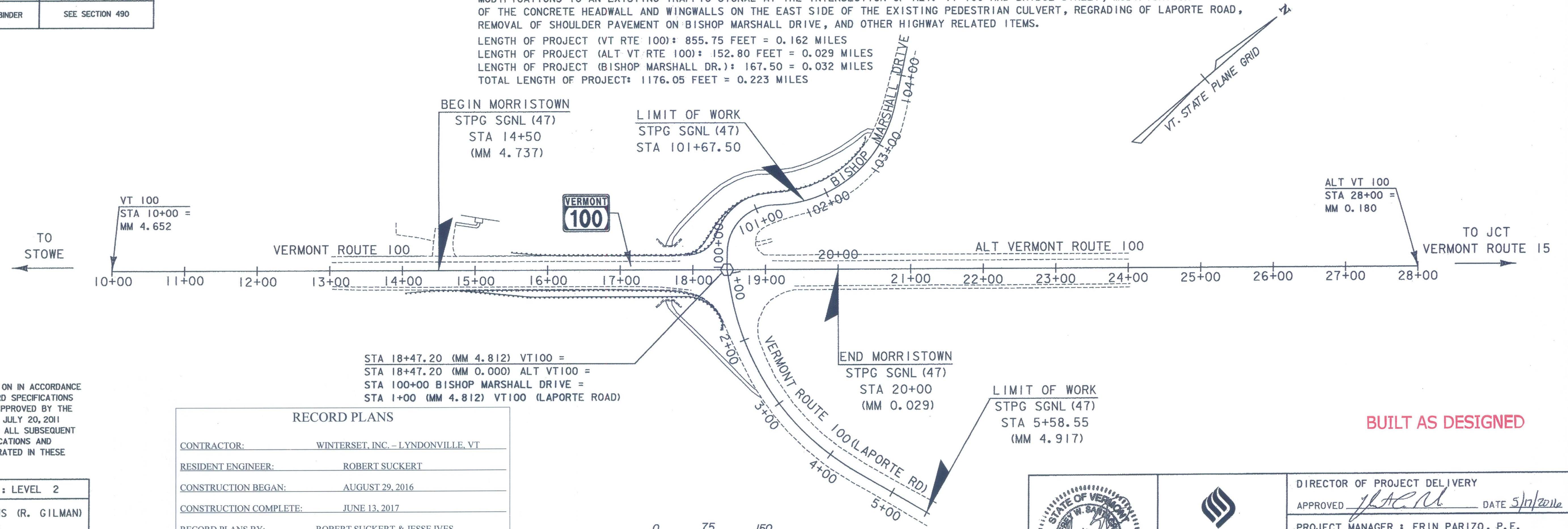
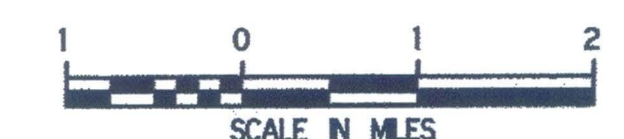
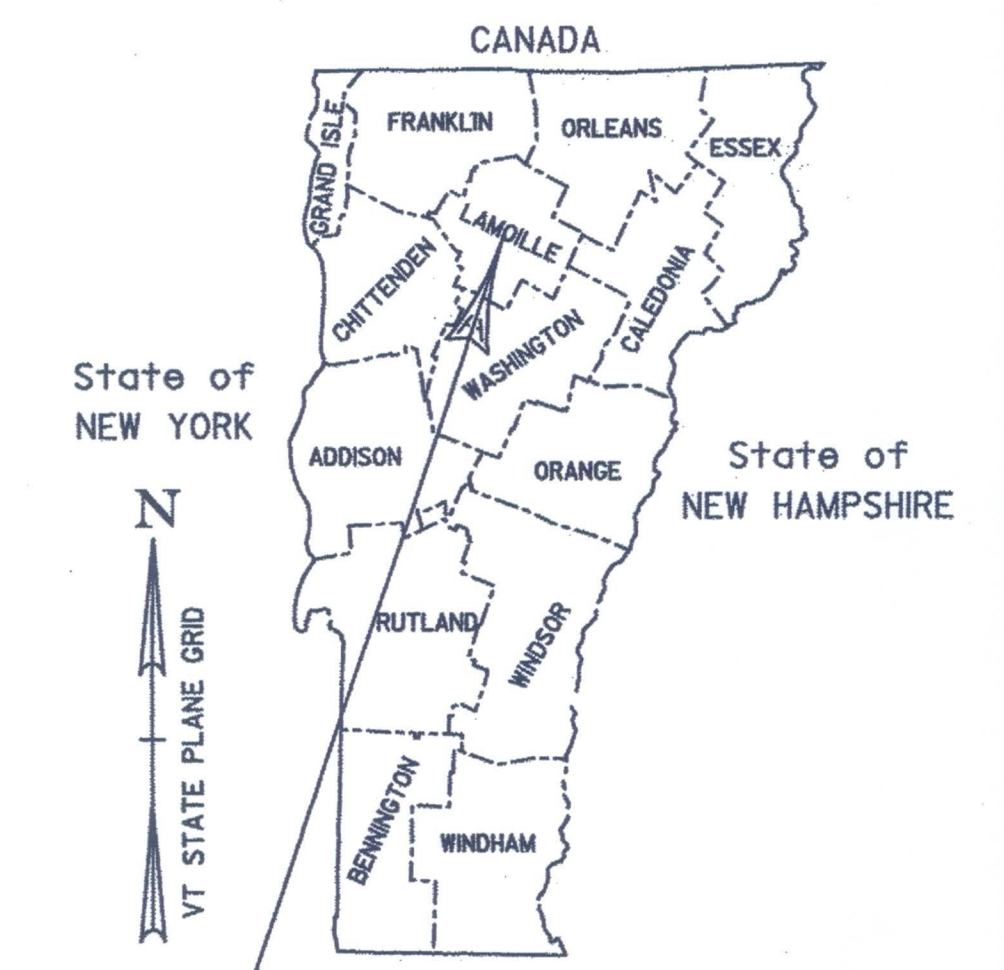
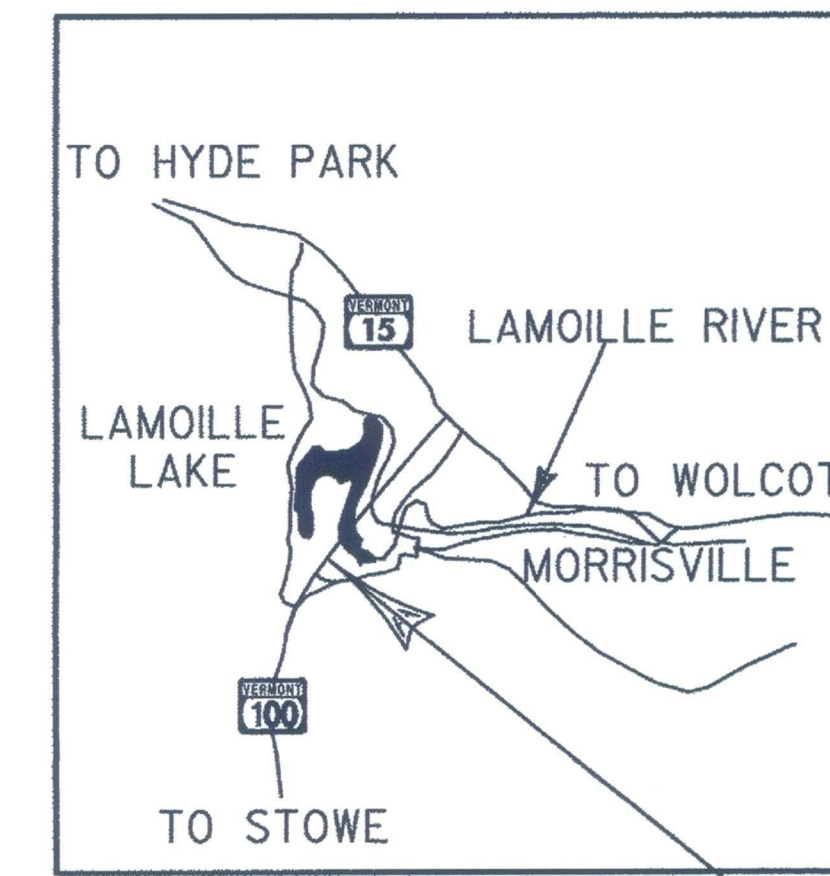
## PROPOSED IMPROVEMENT TOWN OF MORRISTOWN COUNTY OF LAMOILLE

### VT ROUTE 100, ALT VT ROUTE 100 (MAJOR COLLECTOR)

**PROJECT LOCATION :** BEGINNING AT A POINT ON VT100 IN THE TOWN OF MORRISTOWN AT STA 14+50 (MM 4.737) APPROXIMATELY 400 FEET SOUTHERLY OF THE INTERSECTION OF ALT VT100 AND VT100 (LAPORTE ROAD) EXTENDING NORTHERLY APPROXIMATELY 550 FEET TO STATION 20+00 (MM 0.029) ON ALT VT100

**PROJECT DESCRIPTION :** WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE INSTALLATION OF A NEW TRAFFIC SIGNAL, ROADWAY WIDENING, MODIFICATIONS TO AN EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF ALT. VT 100 AND BRIDGE STREET, MODIFICATION OF THE CONCRETE HEADWALL AND WINGWALLS ON THE EAST SIDE OF THE EXISTING PEDESTRIAN CULVERT, REGRADING OF LAPORTE ROAD, REMOVAL OF SHOULDER PAVEMENT ON BISHOP MARSHALL DRIVE, AND OTHER HIGHWAY RELATED ITEMS.

LENGTH OF PROJECT (VT RTE 100): 855.75 FEET = 0.162 MILES  
 LENGTH OF PROJECT (ALT VT RTE 100): 152.80 FEET = 0.029 MILES  
 LENGTH OF PROJECT (BISHOP MARSHALL DR.): 167.50 = 0.032 MILES  
 TOTAL LENGTH OF PROJECT: 1176.05 FEET = 0.223 MILES



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 2

SURVEYED BY : VTRANS (R. GILMAN)  
 SURVEYED DATE : 07/15

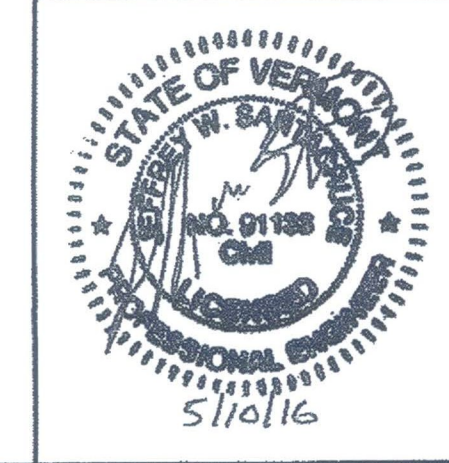
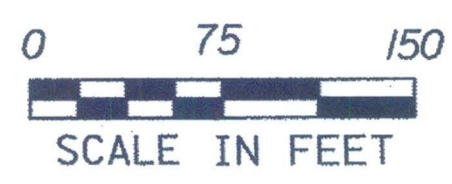
DATUM  
 VERTICAL : NAVD 88  
 HORIZONTAL : NAD83 (92)

**RECORD PLANS**

CONTRACTOR: WINTerset, INC. - LYNDONVILLE, VT  
 RESIDENT ENGINEER: ROBERT SUCKERT  
 CONSTRUCTION BEGAN: AUGUST 29, 2016  
 CONSTRUCTION COMPLETE: JUNE 13, 2017  
 RECORD PLANS BY: ROBERT SUCKERT & JESSE IVES

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

BY: *[Signature]* RESIDENT ENGINEER  
 DATE: 4-27-18



**McFarland Johnson**

DIRECTOR OF PROJECT DELIVERY  
 APPROVED: *[Signature]* DATE: 5/17/2018  
 PROJECT MANAGER : ERIN PARIZO, P.E.  
 PROJECT NAME : MORRISTOWN  
 PROJECT NUMBER : STPG SGNL (47)  
 SHEET 1 OF 58 SHEETS

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.

BUILT AS DESIGNED