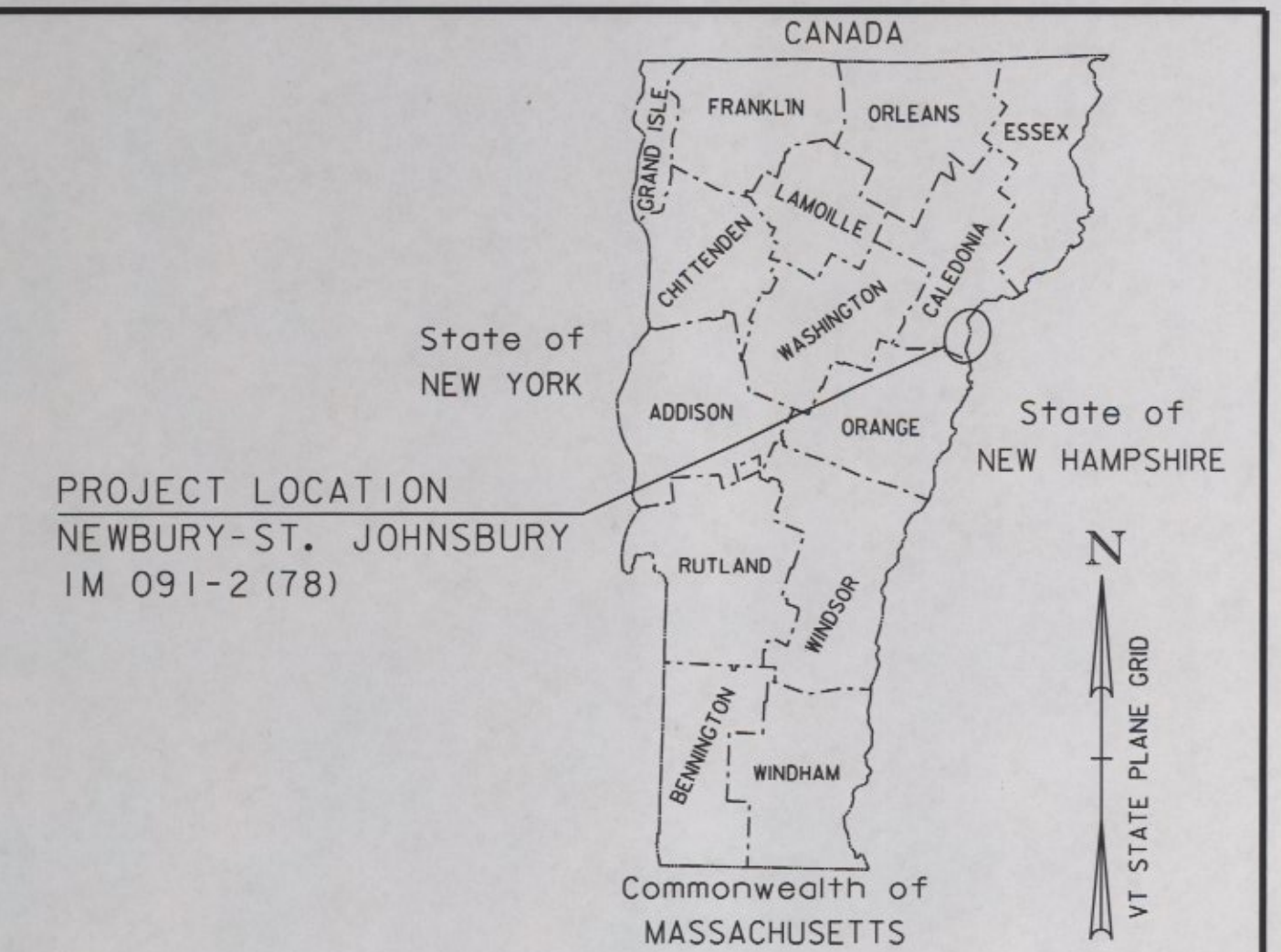


INDEX OF SHEETS  
SEE SHEET 2

# STATE OF VERMONT AGENCY OF TRANSPORTATION



## PROPOSED IMPROVEMENT TOWNS OF NEWBURY, RYEGATE, BARNET, WATERFORD & ST. JOHNSBURY COUNTIES OF ORANGE & CALEDONIA INTERSTATE ROUTE 91 (NORTHBOUND)



| SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA |   |
|--|---|
| DESIGN LANE/DESIGN LIFE ESAL                                   | 1-91 NB<br>7,490,000  |
| DESIGN NUMBER OF GYRATIONS                                     | 65  |
| PERFORMANCE GRADED ASPHALT BINDER                              | SEE SECTION 490 GENERAL SPECIAL PROVISIONS AND SPECIAL PROVISIONS |

### TRAFFIC DATA

| LOCATION                 | AADT |      | DHV  |      | ESALS     |           |
|--------------------------|------|------|------|------|-----------|-----------|
|                          | 2012 | 2022 | 2012 | 2022 | 2012-2022 | 2012-2032 |
| I-91 NORTHBOUND          |      |      |      |      |           |           |
| BEGIN PROJECT TO EXIT 18 | 2400 | 2700 | 380  | 430  | 1,848,000 | 4,345,000 |
| EXIT 18 TO EXIT 19       | 2700 | 3000 | 430  | 480  | 1,635,000 | 3,833,000 |
| EXIT 19 TO END PROJECT   | 4500 | 5000 | 720  | 800  | 2,926,000 | 7,490,000 |
|                          |      |      |      |      |           |           |
|                          |      |      |      |      |           |           |
|                          |      |      |      |      |           |           |
|                          |      |      |      |      |           |           |

BEGINNING IN NEWBURY ON I-91 AT MM 110.677 IN THE NB LANE AND EXTENDING NORTHERLY A DISTANCE OF 94,390.56 FEET (17.877 MILES) TO MM 128.554

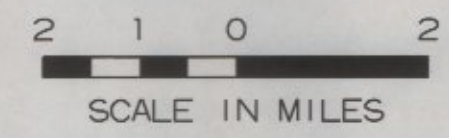
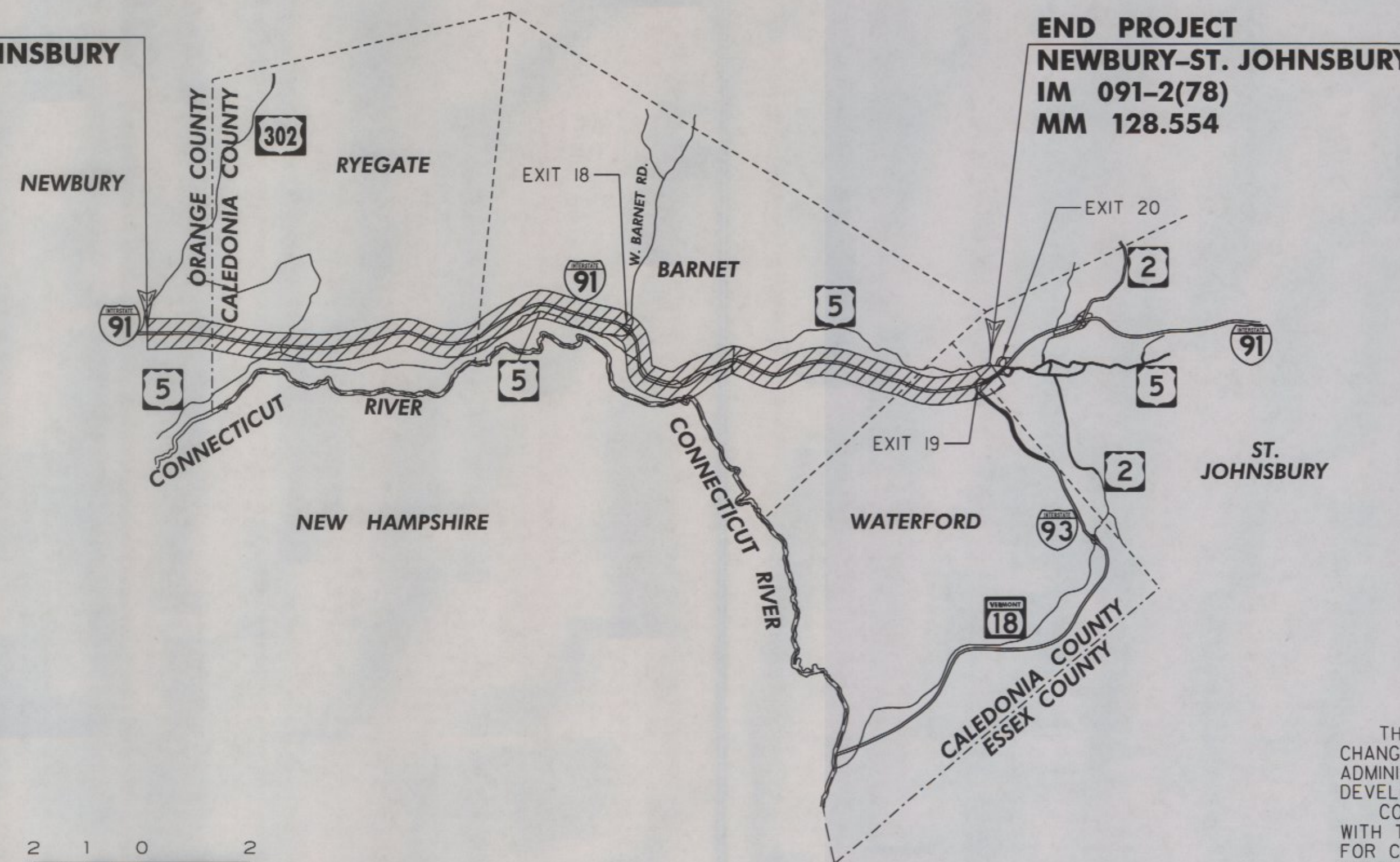
LENGTH OF ROADWAY = 94,390.56 FT = (17.877 MILES)  
LENGTH OF PROJECT = 94,390.56 FT = (17.877 MILES)

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

| RECORD PLANS   |                                      |
|--|--------------------------------------|
| CONTRACTOR:  | PIKE INDUSTRIES, INC. - BERLIN, VT   |
| RESIDENT ENGINEER:   | JOHN SLADYK                          |
| CONSTRUCTION BEGAN:  | APRIL 24, 2012                       |
| CONSTRUCTION COMPLETE:   | NOVEMBER 12, 2012                    |
| RECORD PLANS BY:   | PAUL PERRY & J. HYDE                 |
| I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.   |                                      |
| BY:  | <i>John Sladyk</i> RESIDENT ENGINEER |
| DATE:  | 10-30-13                             |
| 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. |                                      |

**BEGIN PROJECT**  
NEWBURY-ST. JOHNSBURY  
IM 091-2(78)  
MM 110.677

**END PROJECT**  
NEWBURY-ST. JOHNSBURY  
IM 091-2(78)  
MM 128.554

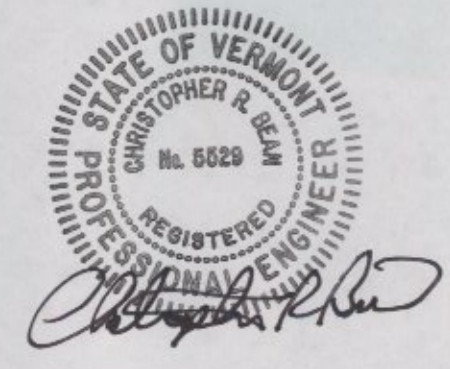


QUALITY ASSURANCE PROGRAM: LEVEL 1

540 Commercial Street  
Manchester, NH 03101  
Tel: (603) 668-8223  
Fax: (603) 668-8802  
email: cledesign@engineers.com  
Maine • New Hampshire • Vermont

### 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       |  |



UNLESS OTHERWISE NOTED, ALL DRAWING AND DETAILS ON THE PLANS ARE DRAWN "NOT TO SCALE".  
RIGHT-OF-WAY LIMITS, IF APPLICABLE, ARE PROVIDED SOLELY FOR THE CONVENIENCE OF THE STATE AND ITS CONTRACTOR DURING THE COURSE OF THIS PAVING PROJECT. ANY REFERENCES TO OFFSETS ON THESE PLANS ARE APPROXIMATE AND SHOULD NOT BE RELIED UPON FOR ANY OTHER PURPOSES.

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.

|  |
|--|
| DEPARTMENT OF TRANSPORTATION<br>FEDERAL HIGHWAY ADMINISTRATOR        |
| APPROVED _____ DATE _____  |
| DIRECTOR OF PROGRAM DEVELOPMENT                                      |
| APPROVED <i>Richard Fehrnau</i> DATE 8-15-11                         |
| PROJECT MANAGER : MICHAEL FOWLER                                     |
| PROJECT NAME : NEWBURY-ST. JOHNSBURY<br>PROJECT NUMBER: IM 091-2(78) |
| SHEET 1 OF 33 SHEETS   |