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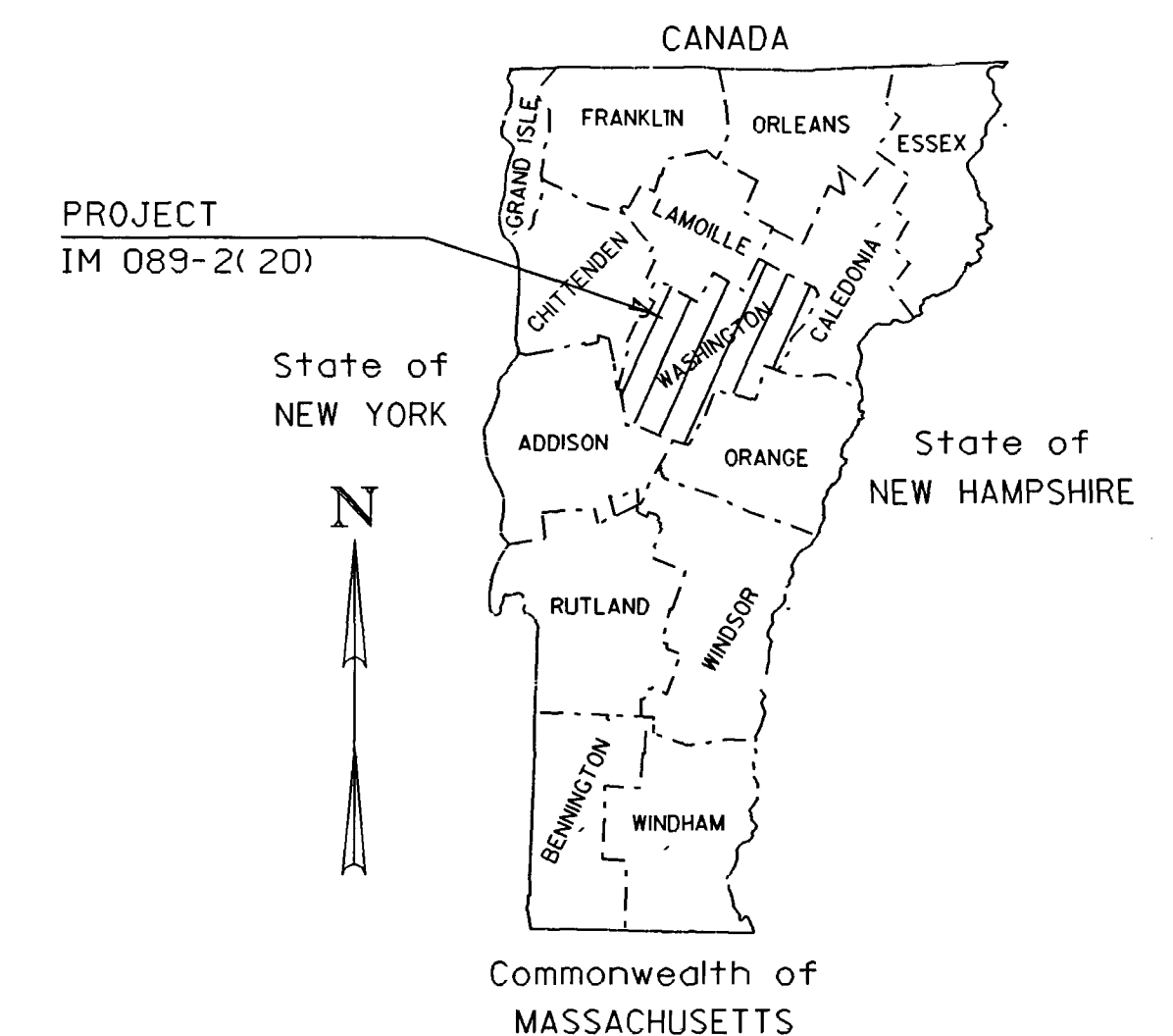
STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT TOWNS OF MONTPELIER - BOLTON COUNTIES OF CHITTENDEN & WASHINGTON INTERSTATE ROUTE 89

BEGINNING AT MM 53.00 ON BOTH NORTHBOUND AND SOUTHBOUND LANES IN THE CITY OF MONTPELIER AND EXTENDING 18.45 MILES NORTH TO MM 71.45 IN BOLTON ON THE NORTHBOUND LANE AND EXTENDING 10.67 MILES NORTH TO MM 63.67 IN WATERBURY ON THE SOUTHBOUND LANE.

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING THE NORTHBOUND AND SOUTHBOUND LANES INCLUDING THE WATERBURY NORTHBOUND REST-AREA AND ALL RAMP WITHIN THE PROJECT LIMITS, REMOVING AND RESETTING ALL SUBSTANDARD HEIGHT GUARD RAIL AND REPLACING ANY DAMAGED GUARD RAIL.



STANDARDS

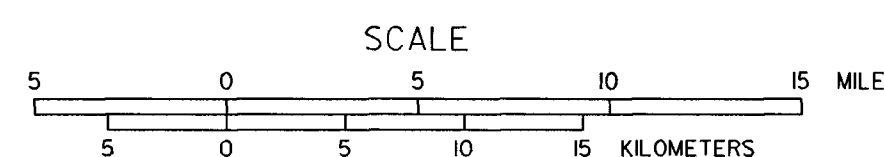
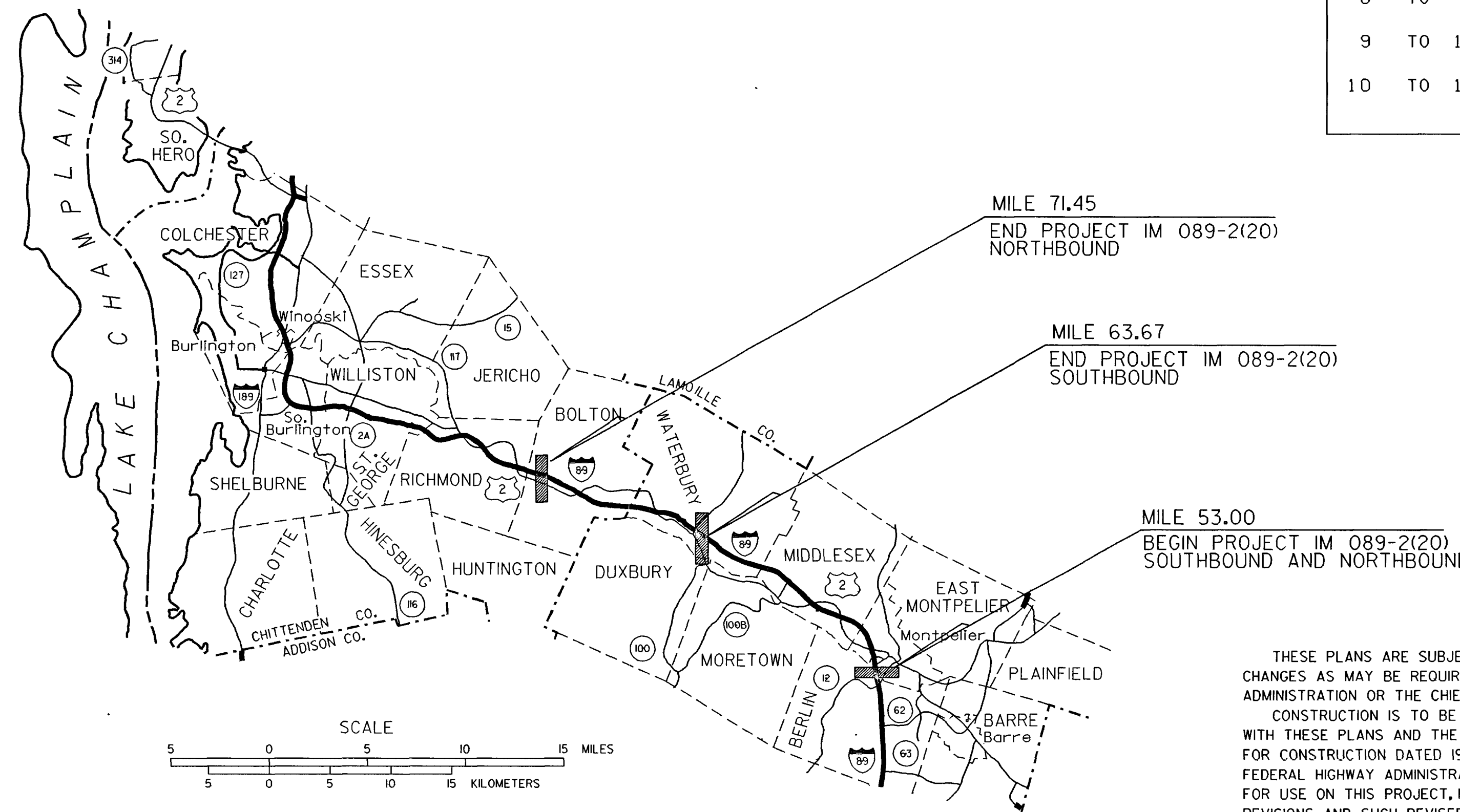
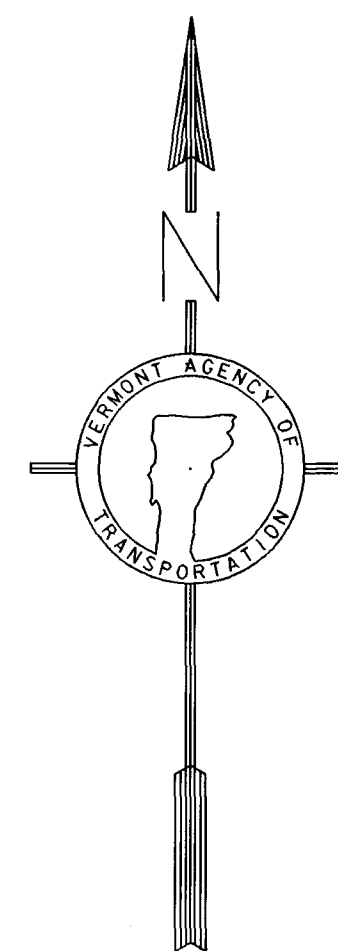
| | | |
|--------|---|------------|
| C-1 | CURBS, BITUMINOUS CONCRETE SIDEWALKS, GRANITE SLOPE EDGING, VERTICAL GRANITE CURB, CAST IN PLACE CONCRETE CURB, BITUMINOUS CONCRETE CURB AND TREATED TIMBER CURB, SIDEWALK RAMP | 11-16-92 |
| C-3 | | 09-15-93 |
| E-10 | APPROACH SIGNS, MINOR MAINTENANCE | 02-03-86 R |
| E-100 | CONSTRUCTION APPROACH SIGNS | 10-21-92 R |
| E-101 | CONSTRUCTION SIGN DETAILS | 10-21-92 R |
| E-102 | CONSTRUCTION SIGN DETAILS | 10-21-92 R |
| E-103 | MAINLINE TRAFFIC CONTROL DIVIDED HIGHWAY ONE LANE CLOSED | 10-21-92 R |
| E-105 | TRAFFIC CONTROL FOR CONSTRUCTION VEHICLES | 09-20-93 |
| E-106 | TRAFFIC CONTROL - MISCELLANEOUS DETAILS | 09-20-93 |
| E-107 | DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS | 09-20-93 R |
| E-107A | BREAKAWAY BARRICADE DETAILS | 09-20-93 R |
| E-110 | MAJOR MAINTENANCE OPERATION LANE CLOSURE | 09-20-93 R |
| E-120 | STANDARD SIGN PLACEMENT-EXPRESSWAY & FREEWAY | 06-21-89 R |
| E-143 | REGULATORY SIGN DETAILS | 10-30-87 |
| E-150 | WARNING SIGN DETAILS | 10-30-87 |
| E-160 | FLANGED CHANNEL STEEL SIGN POST DETAIL | 10-21-92 |
| E-191 | PAVEMENT MARKING DETAILS | 01-23-89 R |
| G-1 | STEEL BEAM GUARD RAIL, HEAVY DUTY STEEL BEAM GUARD RAIL, TWISTED END TERMINAL, ANCHOR FOR STEEL BEAM RAIL | 10-31-85 R |
| G-6 | CABLE GUARD RAIL W/STEEL POSTS - ANCHORS | 10-31-85 R |
| G-15 | BREAKAWAY CABLE TERMINAL W/STEEL POSTS | 11-13-89 R |

TRAFFIC DATA

| INTERCHANGE # | 1993 ADT | 2003 ADT |
|---------------|---------------------|----------------|
| 8 TO 9 | NB 11150 SB 9880 | 14830 13150 |
| 9 TO 10 | NB 10000 SB 8870 | 12720 11280 |
| 10 TO 11 | NB 10500 | 13360 |

| INTERCHANGE # | ESAL'S (1993-2003) |
|---------------|--------------------------|
| 8 TO 9 | NB 2825000 SB 2384000 |
| 9 TO 10 | NB 2918000 SB 1829000 |
| 10 TO 11 | NB 3064000 |

V = 70 MPH



UNLESS OTHERWISE INDICATED, THE DRAWINGS AND DETAILS OF THESE PLANS ARE NOT TO SCALE.

| | |
|------------|-----|
| DATUM | |
| VERTICAL | N/A |
| HORIZONTAL | N/A |

CONVENTIONAL SIGNS

| | |
|--------------------|---------------|
| COUNTY LINE | --- |
| TOWN LINE | - - - - |
| LIMITS OF ACCESS | ○ ○ ○ ○ |
| POINT OF ACCESS | X |
| FENCE LINE | - x - x - |
| 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 | ○ |

RECORD PLANS

CONTRACTOR: F. W. WHITCOMB,
 RESIDENT ENGINEER: R. KERR
 CONSTRUCTION BEGAN: Sept. 26, 1994
 CONSTRUCTION COMPLETED: Oct. 2, 1995
 RECORD PLANS BY: R. KERR

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

BY [Signature] RESIDENT ENGINEER
 DATE 2/3/98

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found on microfilm in Central Files.

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1990, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON MARCH 15, 1990 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

| | |
|--|-----------------------------------|
| SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD | |
| APPROVED: <u>[Signature]</u> DATE <u>2/3/98</u> | DIRECTOR OF ENGINEERING |
| DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION | |
| APPROVED: <u>[Signature]</u> DATE <u>6-30-94</u> | DIVISION ADMINISTRATOR |
| PROJECT | Montpelier-Bolton IM 089-2(20) |
| SHEET 1 OF 16 SHEETS | |