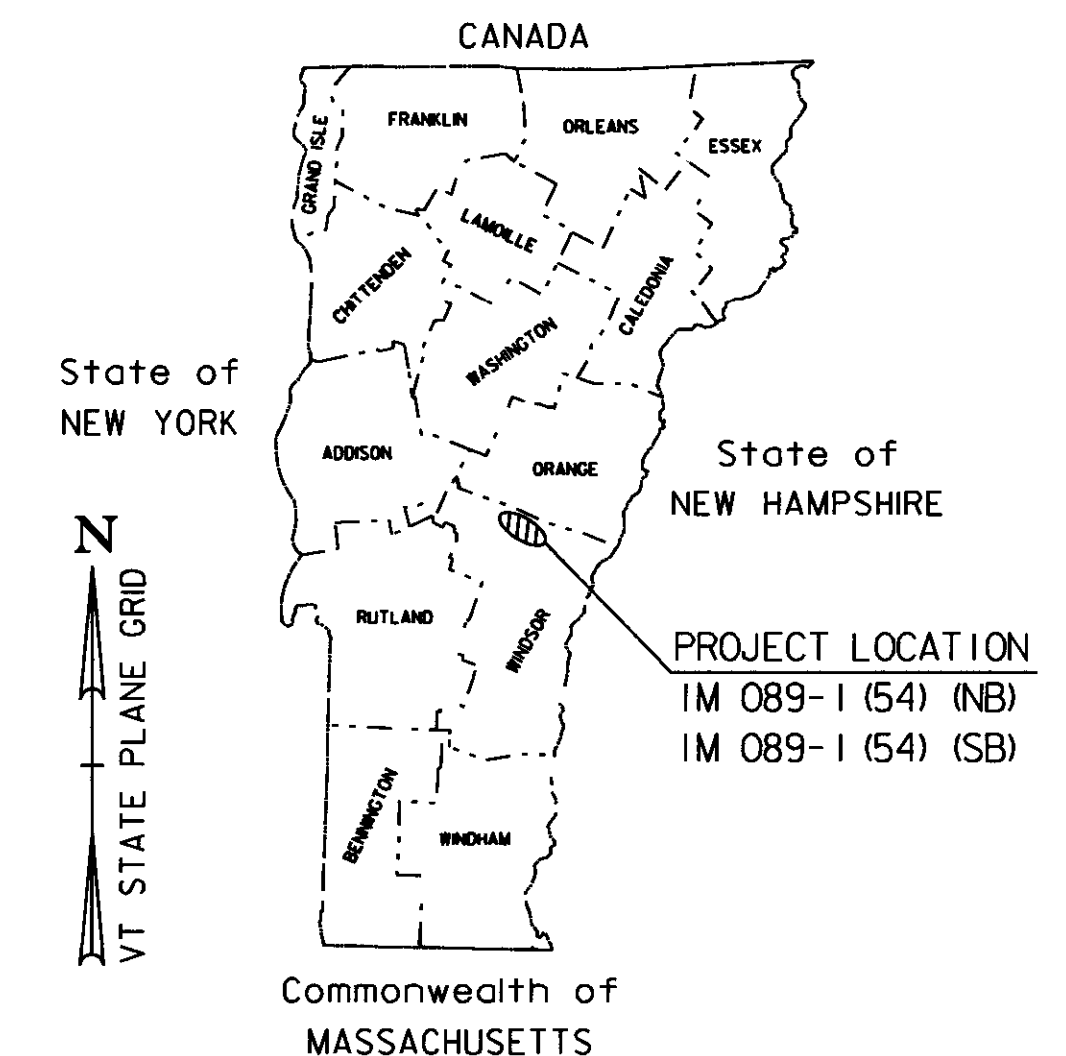


INDEX OF SHEETS  
SEE SHEET 2

# STATE OF VERMONT AGENCY OF TRANSPORTATION



## PROPOSED IMPROVEMENT TOWNS OF ROYALTON & BETHEL COUNTY OF WINDSOR INTERSTATE ROUTE 89 NB & 89 SB



RECORD PLANS	
CONTRACTOR	PIKE INDUSTRIES, INC - BERLIN, VT
RESIDENT ENGINEER	TOM CHASE
CONSTRUCTION BEGAN	APRIL 13, 2009
CONSTRUCTION COMPLETE	SEPTEMBER 17, 2009
RECORD PLANS BY	TOM CHASE & C. PIERCE
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN	
BY	<i>Thomas A. Chase</i> RESIDENT ENGINEER
DATE	06/04/10
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	

ROYALTON-BETHEL 1M 089-1 (54) (NB)  
BEGINNING IN ROYALTON ON I-89 AT STATION 924+00 (MM 17.500) AND EXTENDING NORTHERLY A DISTANCE OF 41,369 FEET (7.835 MILES) TO STATION 1337+69 (MM 25.335) IN THE TOWN OF BETHEL.

ROYALTON-BETHEL 1M 089-1 (54) (SB)  
BEGINNING IN ROYALTON ON I-89 AT STATION 924+00 (MM 17.500) AND EXTENDING NORTHERLY A DISTANCE OF 41,738 FEET (7.905 MILES) TO STATION 1341+38 (MM 25.405) IN THE TOWN OF BETHEL.

TRAFFIC DATA	
BETWEEN EXITS 2 & 3 NB	
2009 ADT	= 7600
2009 DHV	= 1100
2019 ADT	= 9200
2019 DHV	= 1300
2009-2019 ESALS	= 9,376,000
2009-2029 ESALS	= 25,230,000
BETWEEN EXITS 3 & 4 NB	
2009 ADT	= 7700
2009 DHV	= 1100
2019 ADT	= 8100
2019 DHV	= 1100
2009-2019 ESALS	= 7,362,000
2009-2029 ESALS	= 18,603,000
BETWEEN EXITS 2 & 3 SB	
2009 ADT	= 8000
2009 DHV	= 1100
2019 ADT	= 9700
2019 DHV	= 1400
2009-2019 ESALS	= 8,750,000
2009-2029 ESALS	= 23,323,000
BETWEEN EXITS 3 & 4 SB	
2009 ADT	= 7600
2009 DHV	= 1100
2019 ADT	= 8000
2019 DHV	= 1100
2009-2019 ESALS	= 6,475,000
2009-2029 ESALS	= 16,346,000

PROJECT DATA	
FROM	TO
924+00.00 (MM 17.500)	1337+69 (MM 25.335)
LENGTH OF ROADWAY = 7.835 MILES (41,369 FEET)	
LENGTH OF PROJECT = 7.835 MILES (41,369 FEET)	

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE NORTHBOUND LANES, NORTHBOUND INTERCHANGE RAMP AND MAINTENANCE U-TURNS WITH A LEVELING, WEARING COURSE, NEW PAVEMENT MARKINGS, GUARDRAIL, SIGNS, AND INCIDENTAL ITEMS AS SHOWN IN THE PROJECT QUANTITIES.

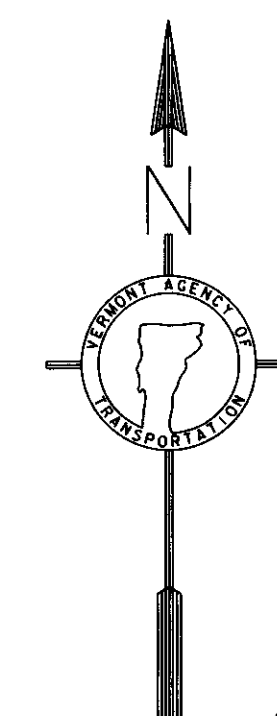
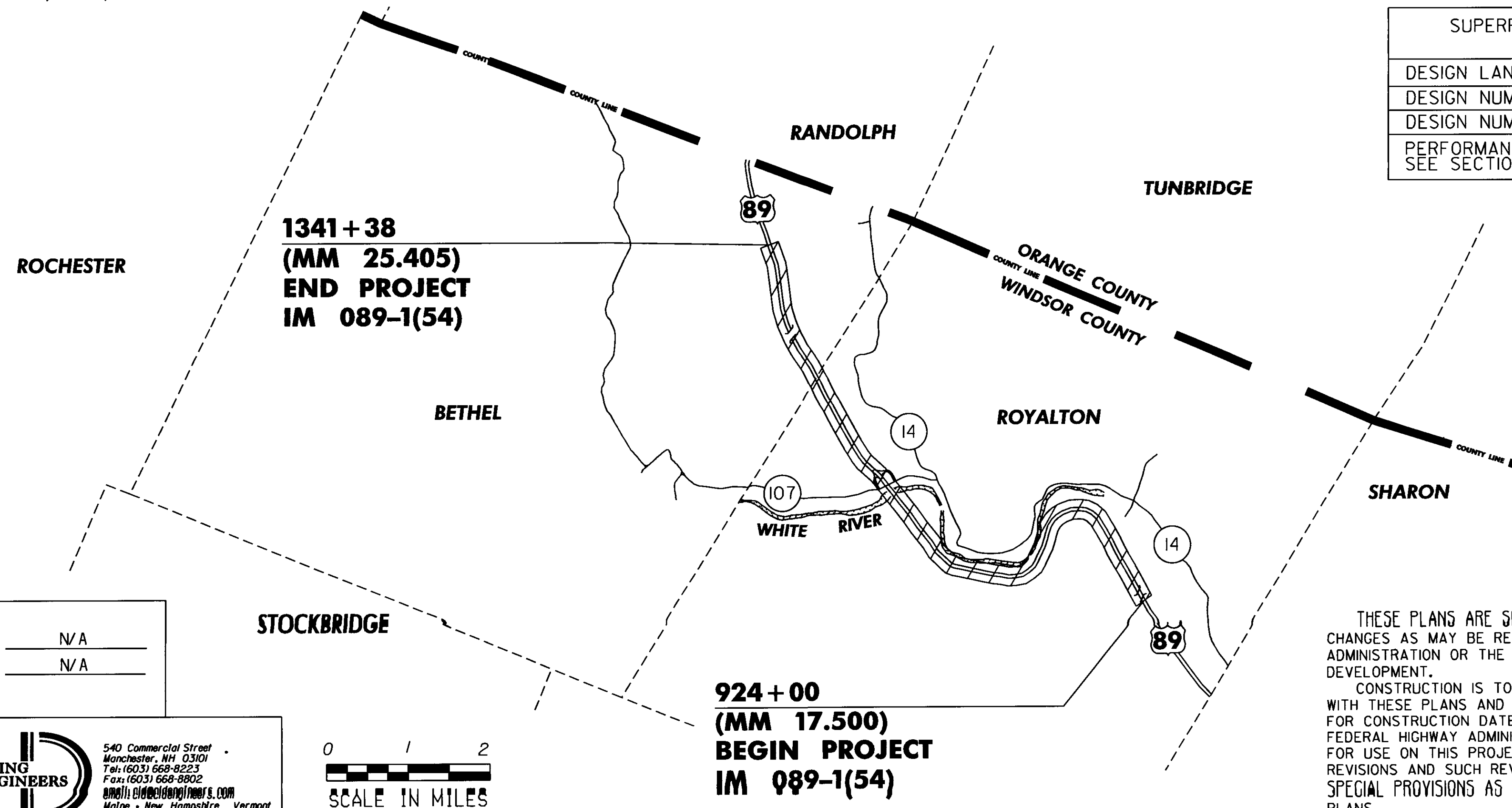
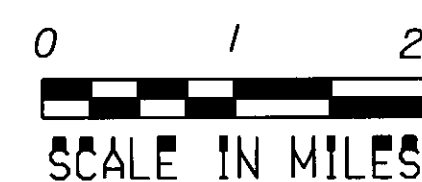
PROJECT DATA	
FROM	TO
924+00 (MM 17.500)	1341+38 (MM 25.405)
LENGTH OF ROADWAY = 7.905 MILES (41,738 FEET)	
LENGTH OF PROJECT = 7.905 MILES (41,738 FEET)	

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE SOUTHBOUND LANES AND SOUTHBOUND INTERCHANGE RAMP WITH A LEVELING, WEARING COURSE, NEW PAVEMENT MARKINGS, GUARDRAIL, SIGNS, AND INCIDENTAL ITEMS AS SHOWN IN THE PROJECT QUANTITIES.

SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	23,323,000
DESIGN NUMBER OF GYRATIONS (NB)	80
DESIGN NUMBER OF GYRATIONS (SB)	80
PERFORMANCE GRADE ASPHALT BINDER SEE SECTION 490 GENERAL SPECIAL PROVISIONS	

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	

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A



UNLESS OTHERWISE NOTED, ALL DRAWINGS AND DETAILS OF THE PROJECT PLANS ARE 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 FEDERAL HIGHWAY ADMINISTRATOR	
APPROVED	<i>Mark D. Richter</i> DATE 1-16-09
DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED	<i>John Thomas</i> DATE 12-11-08
PROJECT MANAGER:	TED DOMEY
PROJECT NAME :	ROYALTON-BETHEL
PROJECT NUMBER :	1M 089-1 (54)
SHEET 1 OF 37 SHEETS	