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# STATE OF VERMONT AGENCY OF TRANSPORTATION



## PROPOSED IMPROVEMENT

### TOWNS OF HARTLAND, HARTFORD & NORWICH COUNTY OF WINDSOR INTERSTATE ROUTE 91

SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA		
	I-91 NB	I-91 SB
DESIGN LANE/DESIGN LIFE ESAL	10,899,000	12,973,000
DESIGN NUMBER OF GYRATIONS	80	80
PERFORMANCE GRADED ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS	

#### TRAFFIC DATA

LOCATION	AADT		DHV		ESALS	
	2010	2020	2010	2020	2010-2020	2010-2030
I-91						
<b>NORTHBOUND</b>						
BEGIN PROJECT TO EXIT 10	9400	10,600	1500	1700	4,021,000	10,899,000
EXIT 10 TO EXIT 11	14,200	16,100	2300	2600	3,528,000	9,219,000
EXIT 11 TO EXIT 12	9300	10,400	1500	1700	3,476,000	8,937,000
EXIT 12 TO END PROJECT	8900	9900	1400	1600	2,513,000	6,591,000
<b>SOUTHBOUND</b>						
BEGIN PROJECT TO EXIT 10	9400	10,600	1400	1600	4,841,000	12,973,000
EXIT 10 TO EXIT 11	13,900	15,700	2100	2400	3,793,000	9,944,000
EXIT 11 TO EXIT 12	9300	10,400	1400	1600	4,316,000	11,322,000
EXIT 12 TO EXIT 13	8900	9900	1300	1500	3,551,000	9,447,000
EXIT 13 TO END PROJECT	6000	7000	900	1100	4,021,000	10,899,000

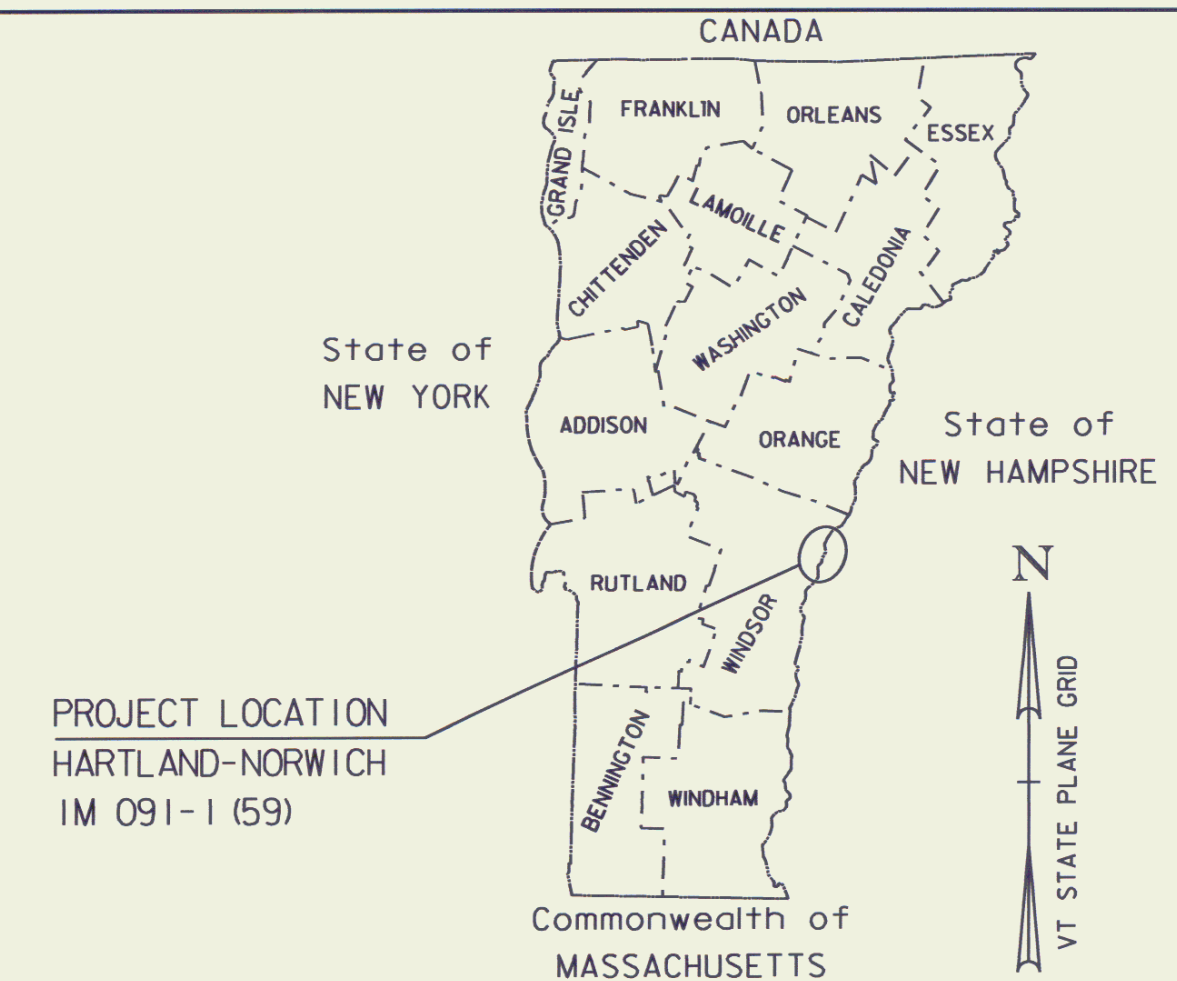
HARTLAND - NORWICH IM 091-1(59) NORTHBOUND:  
BEGINNING IN HARTLAND ON I-91 AT MM 66.195 AND EXTENDING NORTHERLY  
A DISTANCE OF 45,233.76 FEET (8.567 MILES) TO MM 74.762

LENGTH OF ROADWAY = 45,112.32 FT = (8.544 MILES)  
LENGTH OF PROJECT = 45,233.76 FT = (8.567 MILES)

HARTLAND - NORWICH IM 091-1(59) SOUTHBOUND:  
BEGINNING IN HARTLAND ON I-91 AT MM 66.453 AND EXTENDING NORTHERLY  
A DISTANCE OF 52,784.16 FEET (9.997 MILES) TO MM 76.450

LENGTH OF ROADWAY = 52,784.16 FT = (9.997 MILES)  
LENGTH OF PROJECT = 52,784.16 FT = (9.997 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, RESURFACING WITH A LEVELING COURSE AND WEARING COURSE, EXTENDING ACCELERATION / DECELERATION LANES, NEW PAVEMENT MARKINGS, GUARDRAIL IMPROVEMENTS, DRAINAGE IMPROVEMENTS AND INCIDENTAL ITEMS.

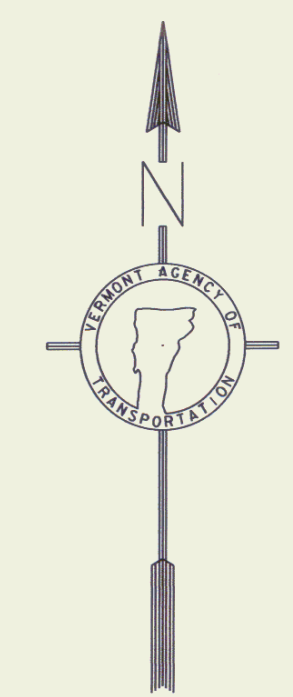
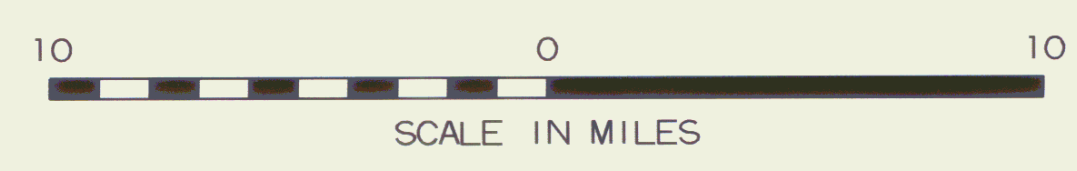
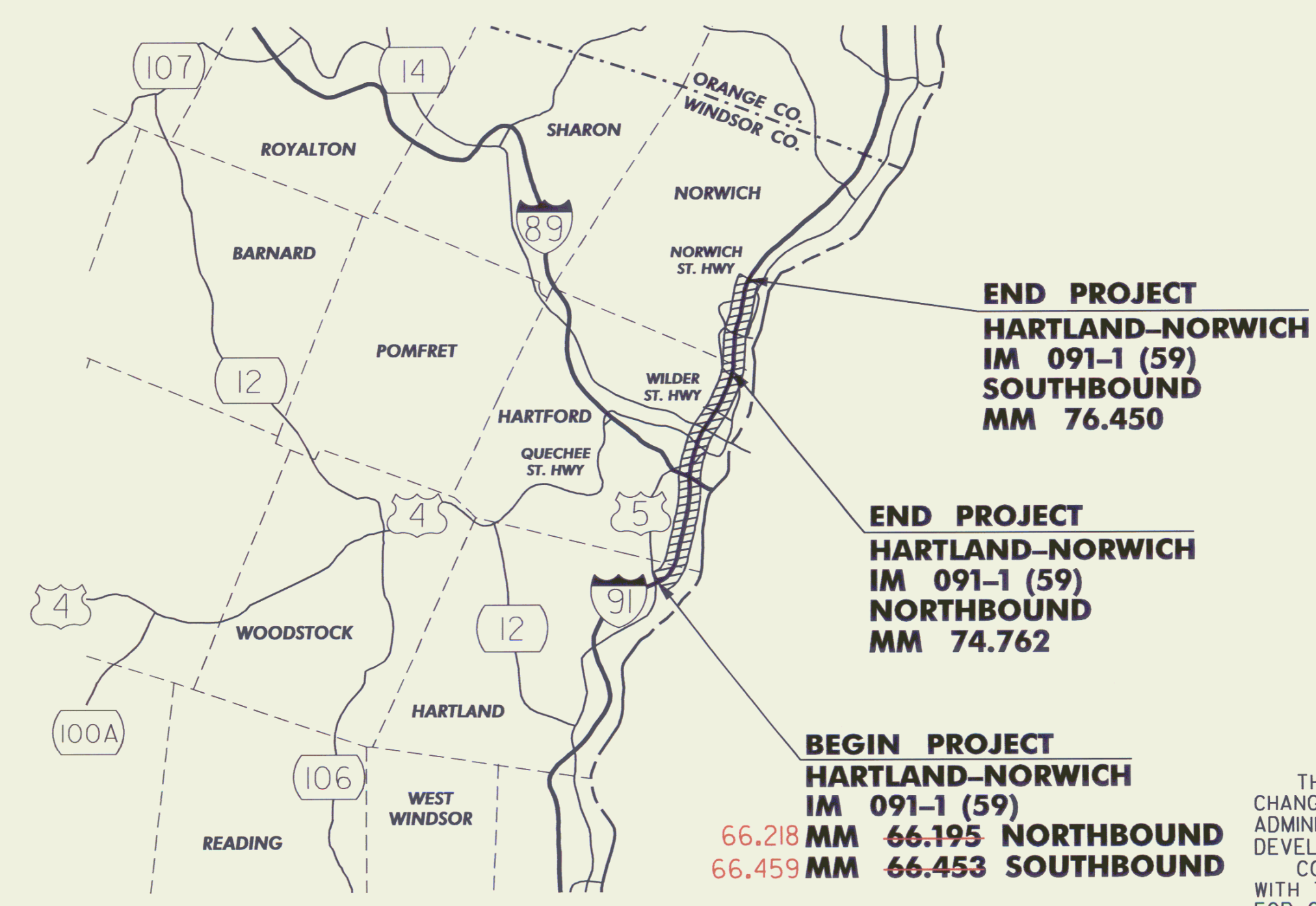


RECORD PLANS	
CONTRACTOR:	PIKE INDUSTRIES, INC. - BERLIN, VT
RESIDENT ENGINEER:	GERALD (BUTCH) COLBY
CONSTRUCTION BEGAN:	JULY 18, 2011
CONSTRUCTION COMPLETE:	NOVEMBER 17, 2011
RECORD PLANS BY:	GERALD (BUTCH) COLBY & JENNA HYDE
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY	<i>[Signature]</i> RESIDENT ENGINEER
DATE	11/19/12
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.	

QUALITY ASSURANCE PROGRAM: LEVEL 1

#### 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	



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.

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.

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATOR	APPROVED _____ DATE _____
DIRECTOR OF PROGRAM DEVELOPMENT	APPROVED _____ DATE _____
PROJECT MANAGER : MICHAEL FOWLER	
PROJECT NAME : HARTLAND-NORWICH	
PROJECT NUMBER: IM 091-1(59)	
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