

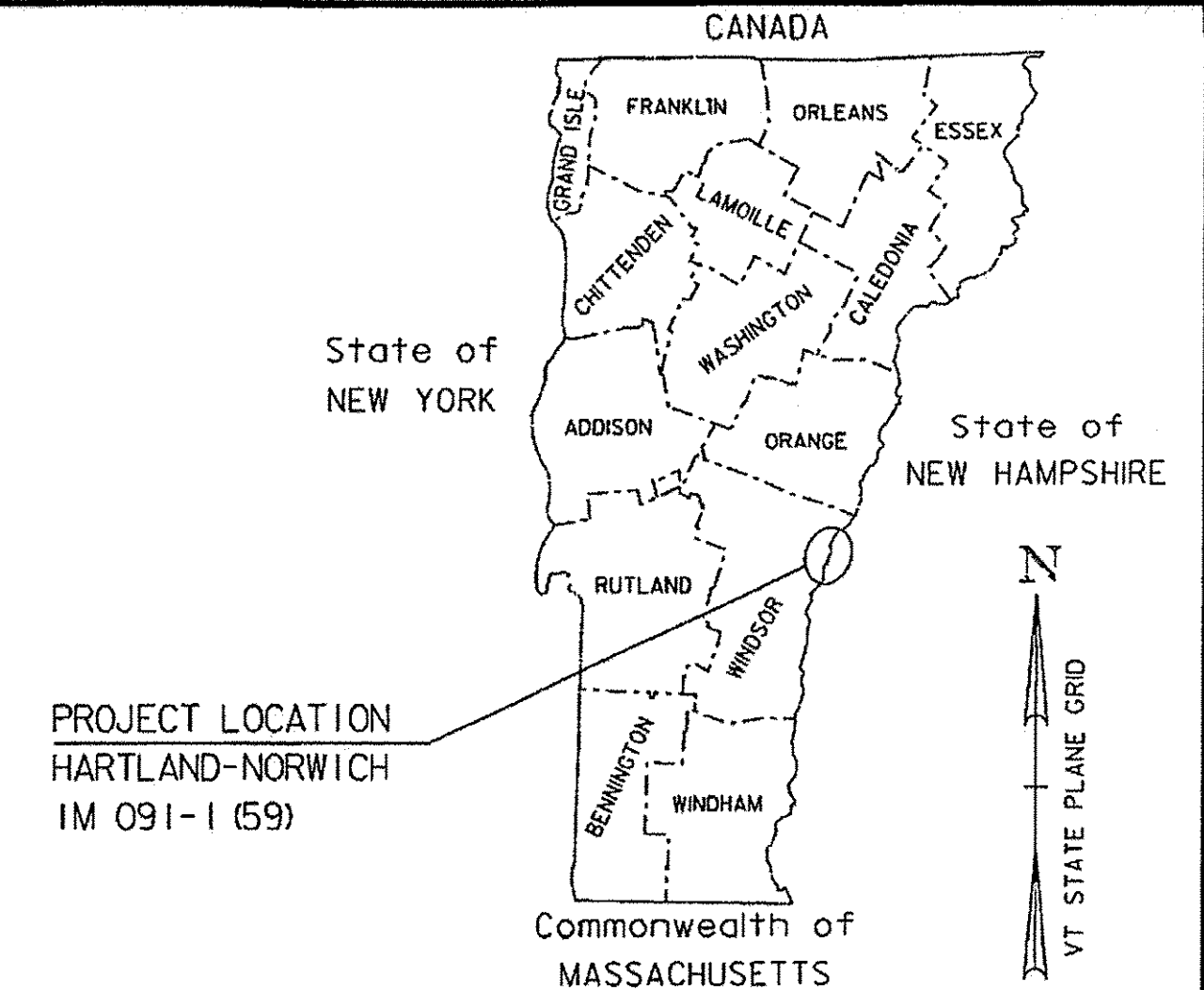
INDEX OF SHEETS
SEE SHEET 2

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						
NORTHBOUND						
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
SOUTHBOUND						
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-K(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 = 45,233.76 FT = (8.567 MILES)
LENGTH OF PROJECT = 45,233.76 FT = (8.567 MILES)

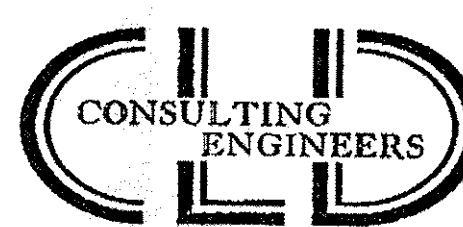
HARTLAND - NORWICH IM 091-K(59) SOUTHBOUND:
BEGINNING IN HARTLAND ON I-91 AT MM 66.453 AND EXTENDING NORTHERLY
A DISTANCE OF 52,784.16 FEET (9.997 MILES) TO MM 76.450

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:	GORALD (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:	11/19/11
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.	

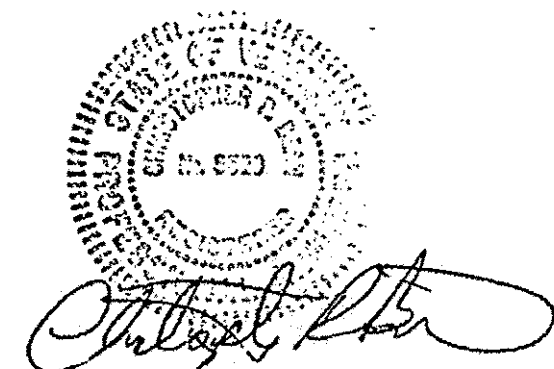
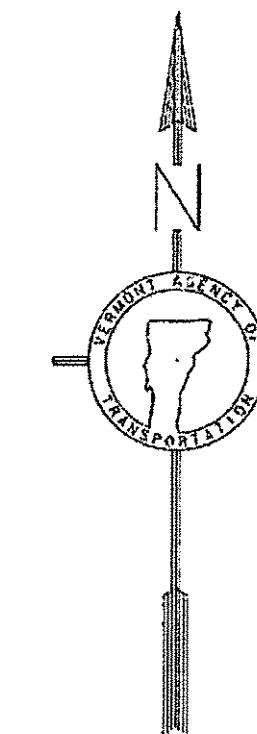
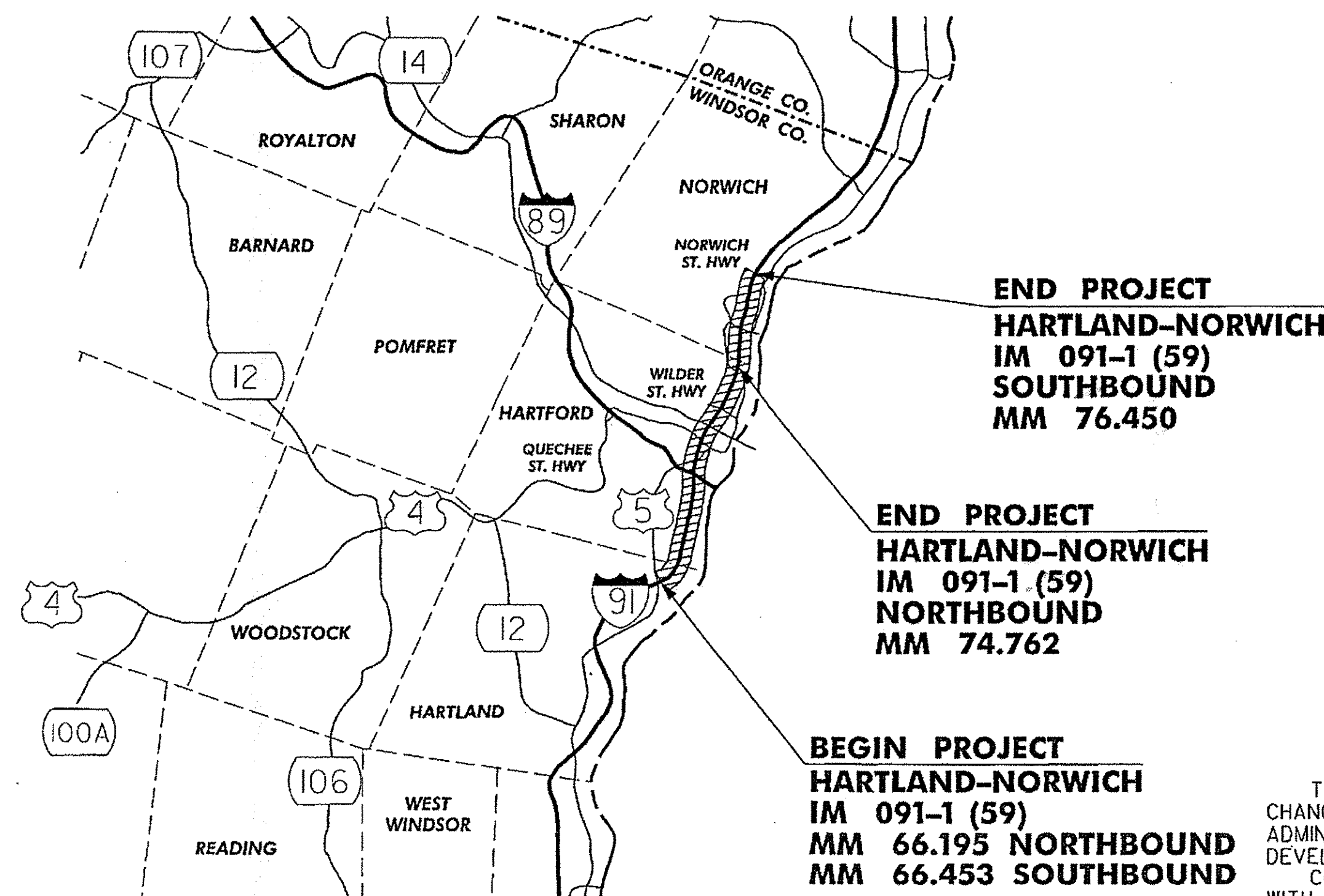
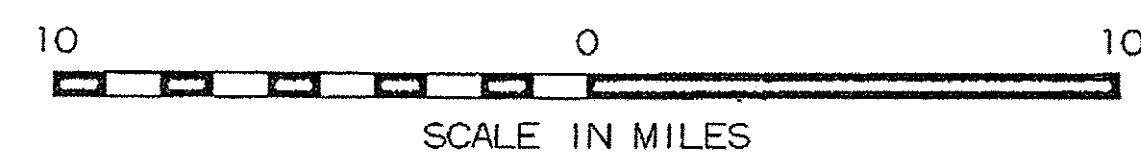
QUALITY ASSURANCE PROGRAM: LEVEL 1



540 Commercial Street
Manchester, NH 03101
Tel: (603) 668-8223
Fax: (603) 668-8802
email: cid@cidengineers.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.

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATOR	
APPROVED <i>[Signature]</i> DATE 5-12-11	
DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED <i>[Signature]</i> DATE 4/18/11	
PROJECT MANAGER : MICHAEL FOWLER	
PROJECT NAME : HARTLAND-NORWICH	
PROJECT NUMBER: IM 091-K(59)	
SHEET 1 OF 60 SHEETS	

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.