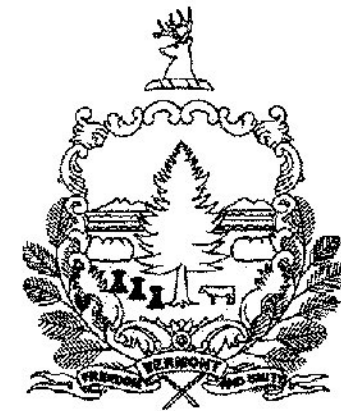
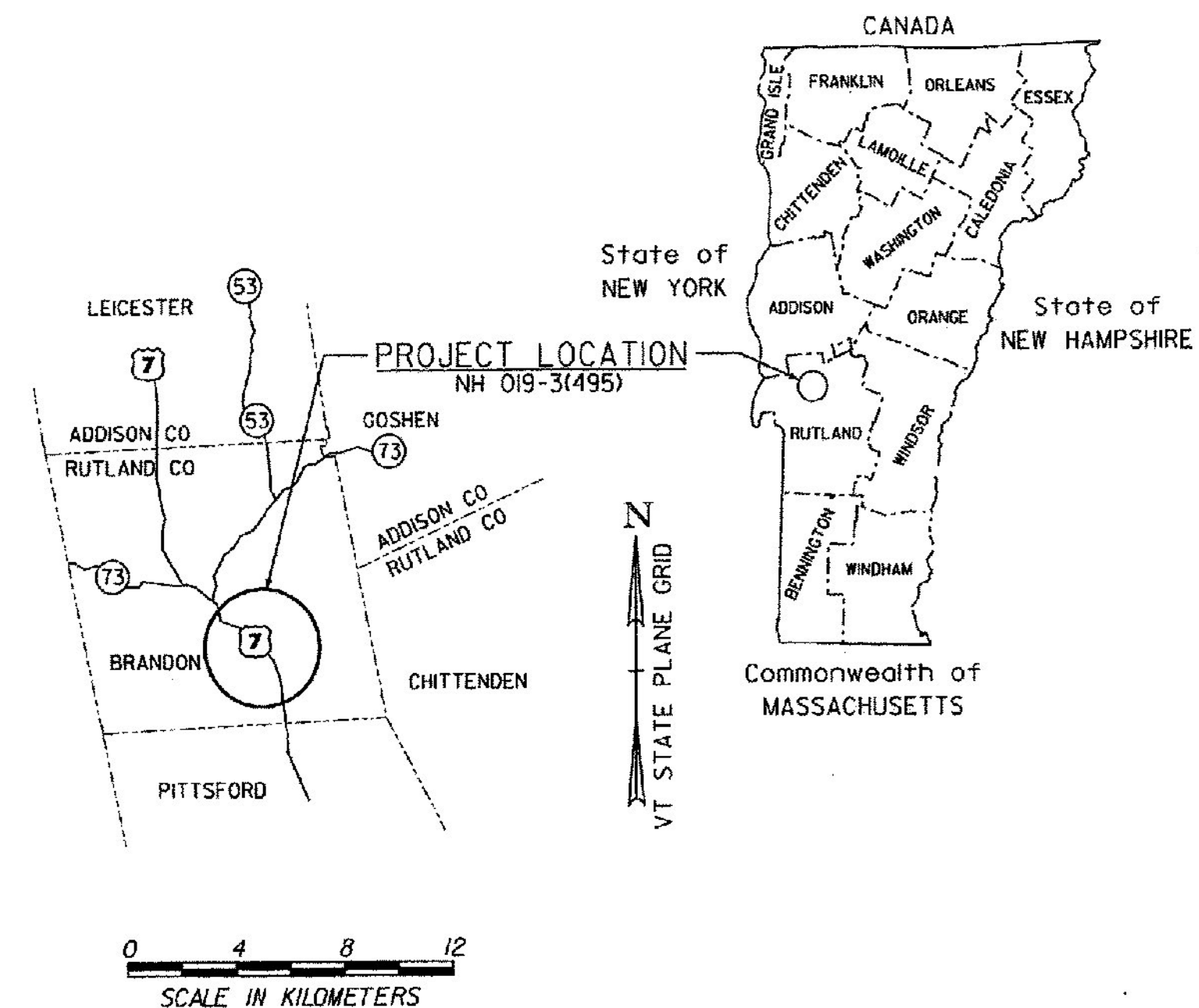


STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT TOWN OF BRANDON COUNTY OF RUTLAND US ROUTE 7 (PRINCIPAL ARTERIAL)



RECORD PLANS	
CONTRACTOR:	J. A. McDONALD INC. - LYNDON CENTER, VT
RESIDENT ENGINEER:	TIM POCKETTE
CONSTRUCTION BEGAN:	NOVEMBER 16, 2009
CONSTRUCTION COMPLETE:	AUGUST 20, 2012
RECORD PLANS BY:	TIM POCKETTE & STEVE KENT
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY:	Timothy Pockette, P.E. RESIDENT ENGINEER
DATE:	01-15-2015
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.	

PROJECT LOCATION:

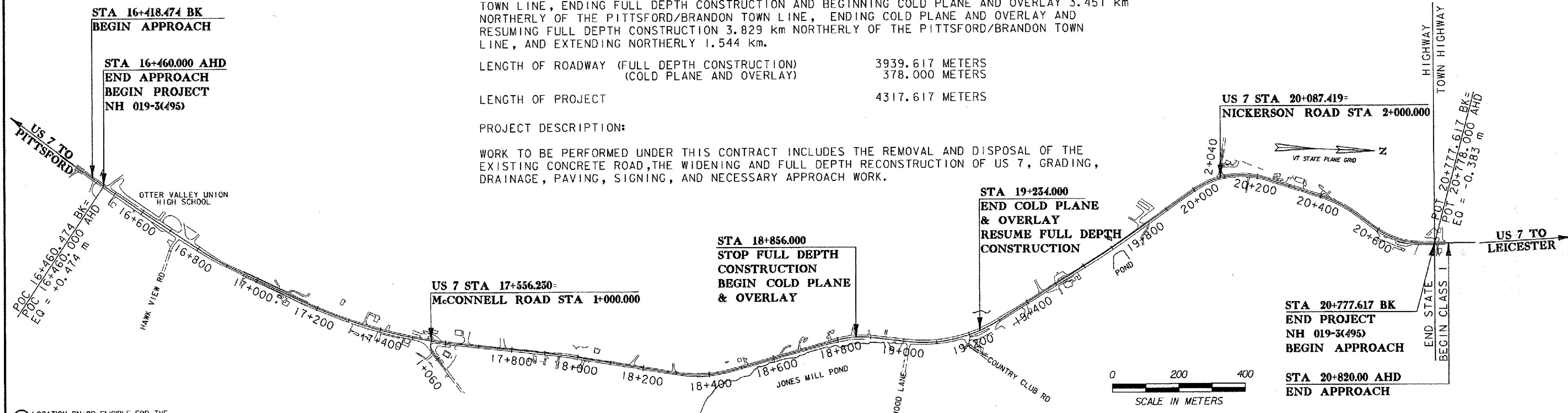
BEGINNING AT A POINT ON US 7 APPROXIMATELY 1.055 km NORTHERLY OF THE PITTSFORD/BRANDON TOWN LINE, ENDING FULL DEPTH CONSTRUCTION AND BEGINNING COLD PLANE AND OVERLAY 3.451 km NORTHERLY OF THE PITTSFORD/BRANDON TOWN LINE, ENDING COLD PLANE AND OVERLAY AND RESUMING FULL DEPTH CONSTRUCTION 3.829 km NORTHERLY OF THE PITTSFORD/BRANDON TOWN LINE, AND EXTENDING NORTHERLY 1.544 km.

LENGTH OF ROADWAY (FULL DEPTH CONSTRUCTION) 3939.617 METERS
(COLD PLANE AND OVERLAY) 378.000 METERS

LENGTH OF PROJECT 4317.617 METERS

PROJECT DESCRIPTION:

WORK TO BE PERFORMED UNDER THIS CONTRACT INCLUDES THE REMOVAL AND DISPOSAL OF THE EXISTING CONCRETE ROAD, THE WIDENING AND FULL DEPTH RECONSTRUCTION OF US 7, GRADING, DRAINAGE, PAVING, SIGNING, AND NECESSARY APPROACH WORK.



(H) LOCATION ON OR ELIGIBLE FOR THE NATIONAL REGISTRY OF HISTORIC PLACES

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	

US 7 FROM	KENDALL HILL RD TO VT 73 EAST
2005 ADT	9,000
2025 ADT	12,200
2025 ADTT	2,100
2025 DHV	1,300
% D	53% NB
2025 %T	16.0%
20 YR ESALS	10,681,000
40 YR ESALS	27,990,000

DESIGN SPEED = 80 KM/HR (STA 16+460 TO)
POSTED SPEED = 80 KM/HR (STA 20+070)

DESIGN SPEED = 65 KM/HR (STA 20+070 TO)
POSTED SPEED = 65 KM/HR (STA 20+770)

BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LIFE ESAL'S (DESIGN LANE) (20 YR)	5,661,000
DESIGN NUMBER OF GYRATIONS	80
PERFORMANCE GRADED ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS

Metric
UNLESS NOTED OTHERWISE
STATIONS ARE IN METERS
ELEVATIONS ARE IN METERS
DIMENSIONS ARE IN MILLIMETERS

SURVEYED BY : VTRANS
SURVEYED DATE : 3/98

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD (1992)

CONSULTING ENGINEERS
Inc.

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(603) 668-8223 • Fax: (603) 668-8802
email: cide@cldeengineers.com • www.cldeengineers.com
Maine • New Hampshire • Vermont



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.

DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED:	DATE: 3/8/09
PROJECT MANAGER: KENNETH UPMAL	
PROJECT NAME :	BRANDON
PROJECT NUMBER :	NH 019-3 (495)
SHEET 1 OF 546 SHEETS	

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