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MAST ARM CROSS SECTIONS

HIGHWAY SAFETY & DESIGN DETAILS

HSD-400.01

SAFETY EDGE DETAILS

TRAFFIC DATA

LOCATION	AADT		DHV		ESALs	
	2018	2038	2018	2038	2018-2038	2018-2058
US ROUTE 5	13400	14100	1400	1500	4,646,000	10,292,000

DESIGN SPEED = 35 MPH
POSTED SPEED = 35 MPH
RAILROAD SPEED = 30 MPH

INDEX OF VAOT STANDARDS

STD	DATE	DESCRIPTION
D-20	3/3/2003	HIGHWAY CROSSING SLEEVES FOR UNDERGROUND UTILITIES
E-170	11/4/1999	TRAFFIC CONTROL SIGNALS PEDESTAL POST MOUNTED
E-171A	8/9/1995	TRAFFIC CONTROL SIGNALS GENERAL NOTES & DETAILS
E-171B	8/9/1995	TRAFFIC CONTROL SIGNALS MISC. DETAILS
E-171C	8/9/1995	TRAFFIC CONTROL SIGNALS CANTILEVER MOUNTING DETAILS
E-173	8/9/1995	PED. PUSH BUTTON ACCESSIBILITY DETAIL
E-175	8/9/1995	PULLBOXES AND JUNCTION BOXES
E-175	6/8/2009	POWER DROP STANCHIONS
E-191	2/1/1999	PAVEMENT MARKING DETAILS
E-192	10/12/2000	PAVEMENT MARKING DETAILS
E-193	8/18/1995	PAVEMENT MARKING DETAILS
T-1	4/25/2016	TRAFFIC CONTROL GENERAL NOTES
T-2	4/25/2016	TRAFFIC SIGN GENERAL NOTES
T-10	8/6/2012	CONVENTIONAL ROADS
T-17	8/6/2016	CONSTRUCTION APPROACH SIGNING
T-28	8/6/2012	TRAFFIC CONTROL MISCELLANEOUS DETAILS
T-30	8/6/2012	CONSTRUCTION SIGN DETAILS
T-31	8/6/2012	CONSTRUCTION SIGN DETAILS
T-45	1/2/2013	SQUARE TUBE SIGN POST AND ANCHOR

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

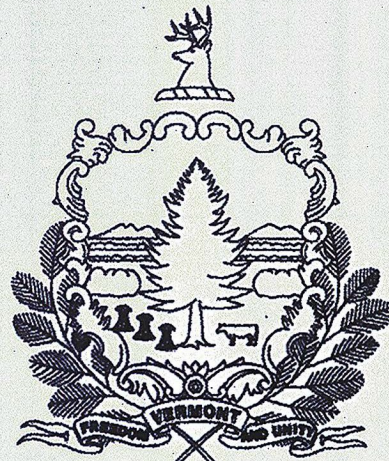
QUALITY ASSURANCE PROGRAM : LEVEL 2

SURVEYED BY : R. GILMAN, H. MCGOWAN, VAOT
SURVEYED DATE : 09-08-2011

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83 (92)

STATE OF VERMONT
AGENCY OF TRANSPORTATION

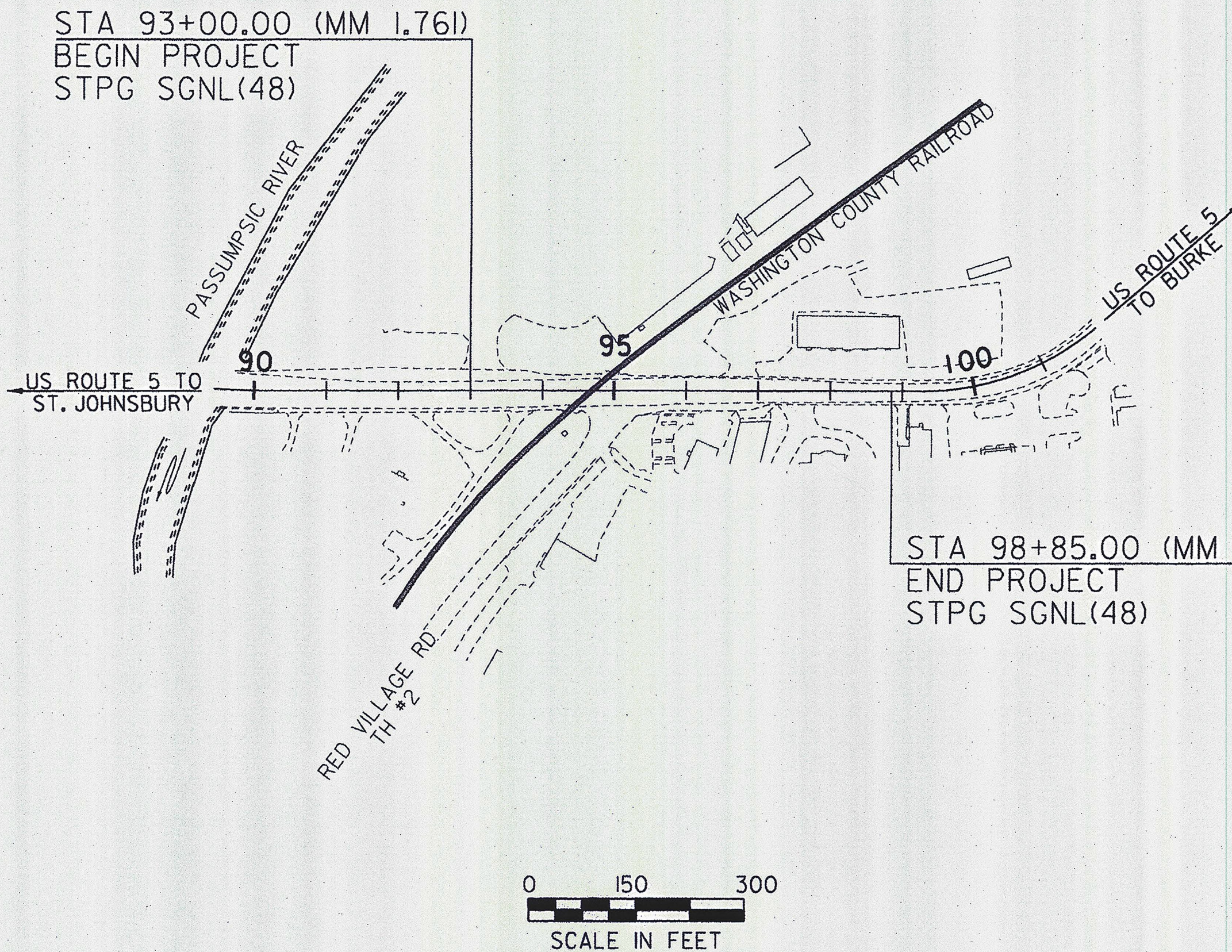


PROPOSED IMPROVEMENT
TOWN OF LYNDON
COUNTY OF CALEDONIA
US ROUTE 5 (MAJOR COLLECTOR)

BEGINNING AT A POINT ON US ROUTE 5 APPROXIMATELY 195 FEET SOUTH OF THE INTERSECTION OF US ROUTE 5 AND RED VILLAGE ROAD AND EXTENDING APPROXIMATELY 410 FEET NORTH OF THE RAILROAD CROSSING.

LYNDON STA 93+00.00 (MM 1.761) ~ STA 98+85.00 (MM 1.872) = 585 FEET (0.111MILES)
LENGTH OF PROJECT = 585 FEET (0.111MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE EXISTING ROADWAY, THE INSTALLATION OF MAST ARMS WITH THE TRAFFIC AND RAILROAD SIGNALS, NEW TRAFFIC SIGNAL EQUIPMENT, TRAFFIC SIGNS, PAVEMENT MARKINGS AND OTHER HIGHWAY RELATED ITEMS.



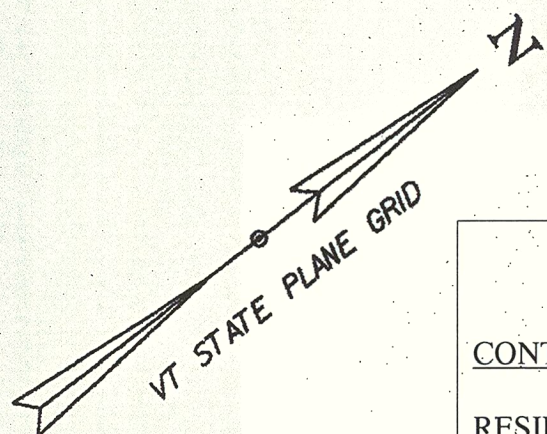
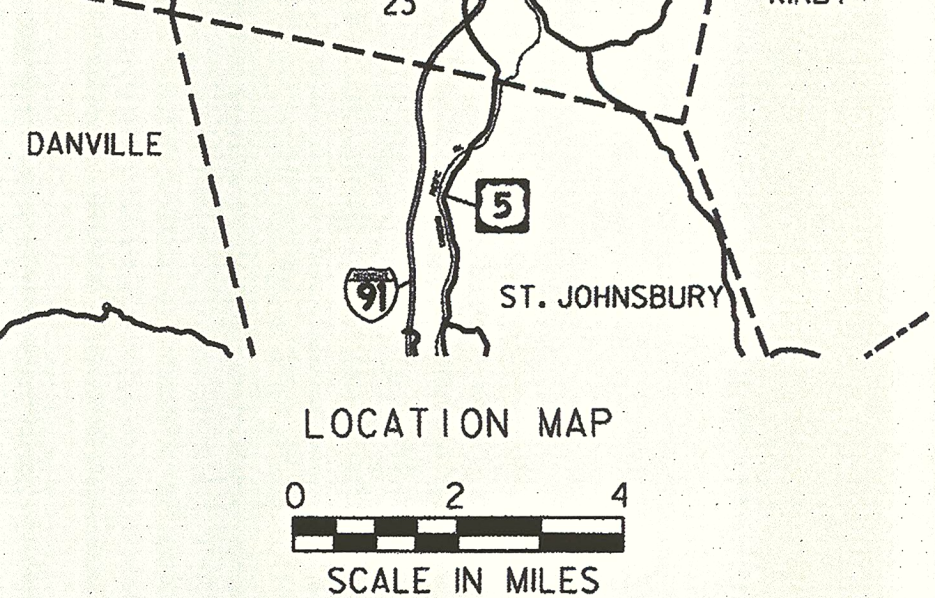
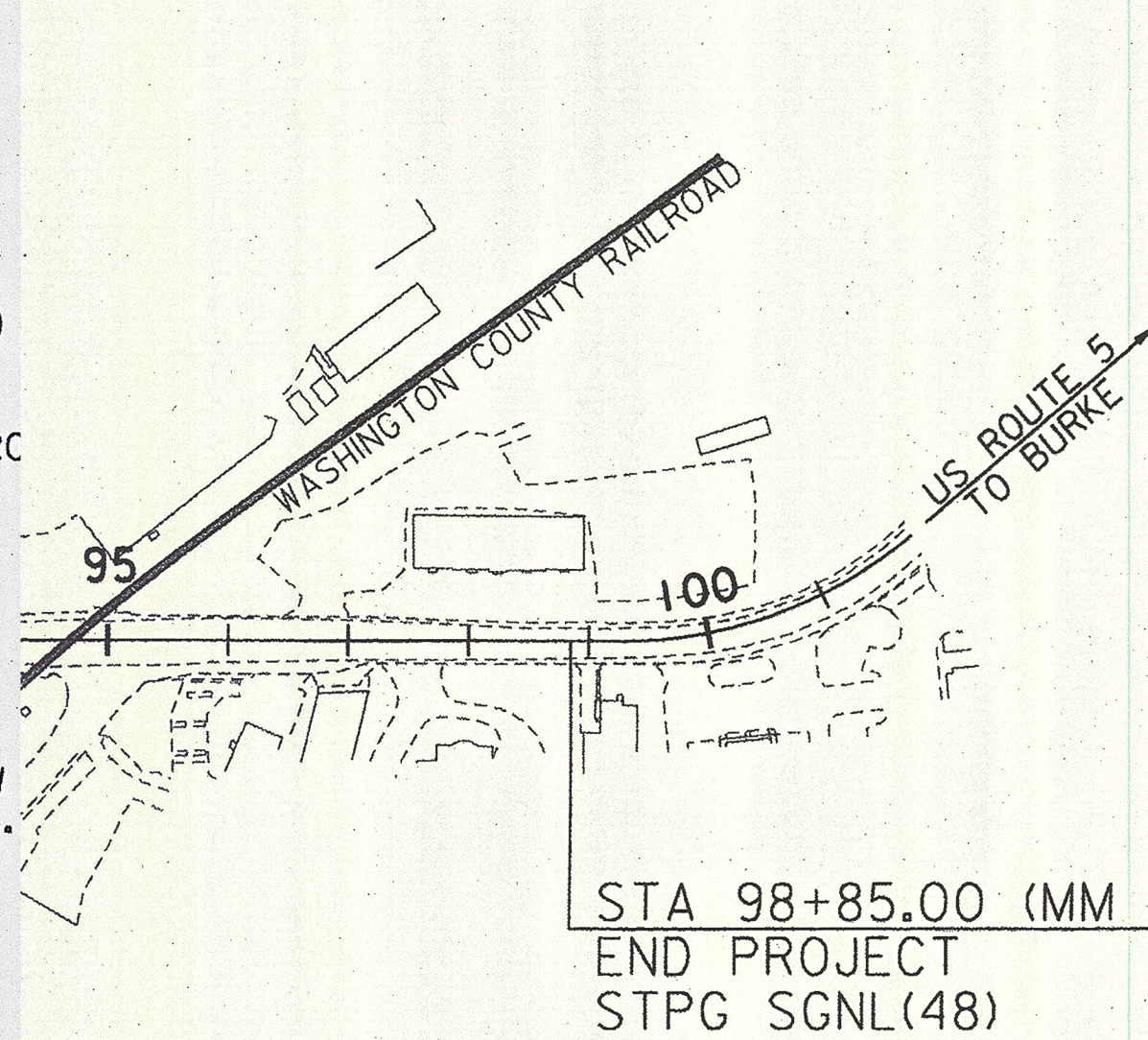
IMPROVEMENT
OF LYNDON
OF CALEDONIA
(MAJOR COLLECTOR)

APPROXIMATELY 195 FEET SOUTH OF THE INTERSECTION OF US ROUTE 5 AND RED VILLAGE ROAD AND EXTENDING APPROXIMATELY 410 FEET NORTH OF THE RAILROAD CROSSING.

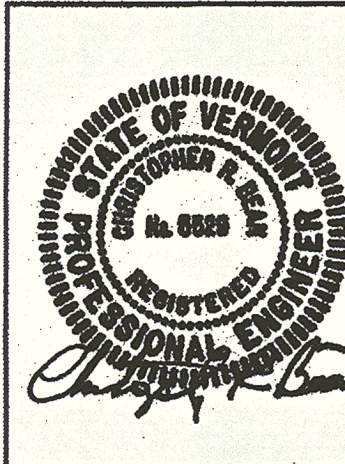
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WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE EXISTING ROADWAY, THE INSTALLATION OF MAST ARMS WITH THE TRAFFIC AND RAILROAD SIGNALS, NEW PAVEMENT MARKINGS AND OTHER HIGHWAY RELATED ITEMS.

30 DAY TEST PERIOD
10/5/17 - 11/5/17



CONTRACTOR: _____
RESIDENT ENGINEER: _____
CONSTRUCTION BEGAN: _____
CONSTRUCTION COMPLETED: _____
RECORD PLANS BY: _____
I HEREBY CERTIFY THAT THE DRAWINGS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF VERMONT.
BY: W. J. [Signature]
DATE: 9/19/17
NOTE: Any further information relative to this project may be obtained from the contractor.



DIRECTOR
APPROVED
PROJECT
PROJECT
PROJECT
SHEET

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STATE OF VERMONT
AGENCY OF TRANSPORTATION

