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**VAOT STANDARDS**

C-1M	CURBS, TREATED TIMBER CURB	01-03-00
D-3M	TREATED GUTTERS	06-13-97
D-9M	REINFORCED CONCRETE DROP INLET	06-13-97
D-16M	CAST IRON GRATE, TYPE B	06-13-97
E-100M	CONSTRUCTION APPROACH SIGNS	03-01-04
E-100AM	SIDE ROAD CONSTRUCTION-APPROACH SIGNS	03-01-04
E-101M	CONSTRUCTION SIGN DETAILS	05-30-03
E-102M	CONSTRUCTION SIGN DETAILS	06-30-03
E-102AM	CONSTRUCTION SIGN DETAILS	06-13-97
E-103M	MAINLINE TRAFFIC CONTROL	03-01-04
E-106M	TRAFFIC CONTROL-MISCELLANEOUS DETAILS	03-01-04
E-108M	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS	06-13-97
E-110M	MAJOR MAINTENANCE OPERATION LANE CLOSURE	06-13-97
E-121M	STANDARD SIGN PLACEMENT-CONVENTIONAL ROAD	06-13-97
E-138M	MILEMARKER DETAILS-STATE & TOWN HIGHWAYS	05-30-03
E-143M	REGULATORY SIGN DETAILS	06-13-97
E-144M	REGULATORY SIGN DETAILS	03-29-99
E-145AM	REGULATORY SIGN DETAILS-LANE USE	06-13-97
E-145BM	REGULATORY SIGN DETAILS-LANE USE	06-13-97
E-146M	REGULATORY SIGN DETAILS	06-13-97
E-150M	WARNING SIGN DETAILS	06-13-97
E-151M	WARNING SIGN DETAILS	06-13-97
E-152M	WARNING SIGN DETAILS	06-13-97
E-160M	FLANGED CHANNEL STEEL SIGN POST	06-13-97
E-164M	SQUARE STEEL SIGN POST	06-13-97
E-172M	VEHICLE DETECTOR LOOP DETAILS	06-13-97
E-190M	RAILROAD XING SIGNS & MARKINGS	06-30-03
E-191M	PAVEMENT MARKING DETAILS	02-01-99
E-192M	PAVEMENT MARKING DETAILS	12-28-98
E-193M	PAVEMENT MARKING DETAILS	06-13-97
F-1M	DRIVE GATE FOR WOVEN WIRE FENCE	01-03-00
G-1M	STEEL BEAM GUARDRAIL (50 MPH & OVER)	01-03-00
G-10M	STEEL BEAM GUARDRAIL (40 MPH & LESS)	01-03-00
G-19M	GENERIC GRADING PLANS FOR GUARDRAIL END TERMINALS	11-15-02
PSF-1M	INSTALLATION OF PERMANENT SNOW FENCE - BRIDGES W/2 RAIL ALUMINUM BRIDGE RAIL	07-10-97
T-1M	TEMPORARY EROSION CONTROL DETAILS	06-13-97
T-2M	TEMPORARY EROSION CONTROL DETAILS	06-13-97

STATE OF VERMONT  
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT  
TOWNS OF BERLIN & BARRE CITY  
COUNTY OF WASHINGTON  
VT RTE 62

BEGINNING IN THE TOWN OF BERLIN ON VT RTE 62 AT STA. 2+244.000 (MM 1.394) AND EXTENDING EASTERLY FOR A DISTANCE OF 5,017.57 METERS (3.118 MILES) TO STA. 2+539.000 (MM 1.577) IN THE CITY OF BARRE. PROJECT ALSO INCLUDES WESTBOUND FROM MM 2.526 TO THE END OF PROJECT A DISTANCE OF 3196.57 METERS (1.986 MILES), AND RAMP A OF THE BERLIN STATE HIGHWAY FOR A DISTANCE OF 935 METERS (0.581 MILES).

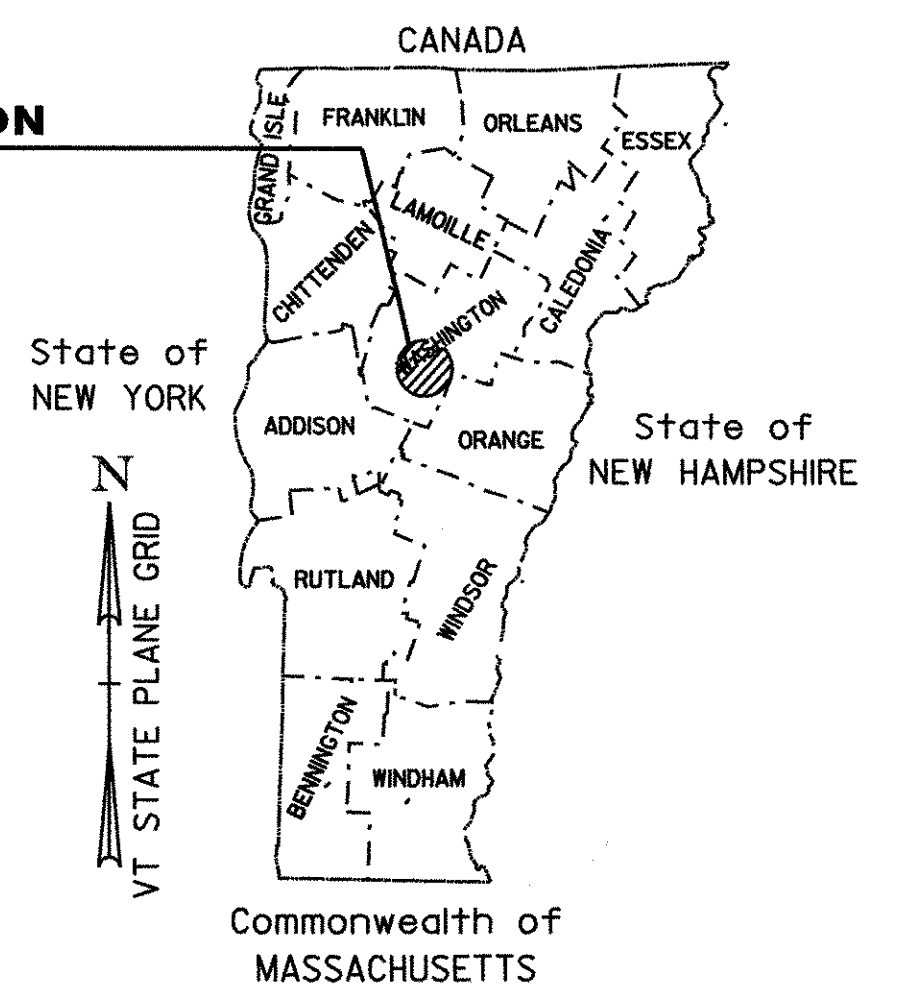
**PROJECT DATA**

VT 62 STA. 2+244.000 (MM 1.394 BERLIN) TO STA. 4+065.000 (MM 2.526 BERLIN)  
 VT 62 EB STA. 4+065.000 (MM 2.526 BERLIN) TO STA. 2+539.000 (MM 1.577 BARRE CITY)  
 VT 62 WB STA. 4+065.000 (MM 2.526 BERLIN) TO STA. 2+539.000 (MM 1.577 BARRE CITY)  
 BERLIN STATE HIGHWAY RAMP A STA. 0+000.000 TO STA. 0+935.000

LENGTH OF PROJECT = 9149.140 METERS 5.685 MILES  
 LENGTH OF ROADWAY = 9149.140 METERS 5.685 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, LEVELING AND RESURFACING OF THE EXISTING HIGHWAY, NEW PAVEMENT MARKINGS, GUARDRAIL AND INCIDENTAL ITEMS.

**PROJECT LOCATION**  
STP 2321(1)S



**RECORD PLANS**

CONTRACTOR: PIKE INDUSTRIES - BERLIN, VT

RESIDENT ENGINEER: C. FIELDER

CONSTRUCTION BEGAN: APRIL 20, 2005

CONSTRUCTION COMPLETE: AUGUST 5, 2005

RECORD PLANS BY: C. FIELDER & C. PIERCE

I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY: *C. Fielder* RESIDENT ENGINEER

DATE: 3/1/07

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.

**TRAFFIC DATA**

LOCATION	ADT		DHV		ESALS (2003-2013)	ESALS (2003-2023)
	2003	2013	2003	2013		
BEGIN PROJECT TO WB RAMP BERLIN S.H. (MM 1.394-MM 1.52)	19300	2300	20800	2400	2,679,000	5,714,000
WB RAMP BERLIN S.H. TO BERLIN ST. (MM 1.52-MM 1.20)	12100	1400	13100	1500	2,316,000	5,029,000
BERLIN ST. TO END OF PROJECT (MM 1.20-MM 1.577)	10000	1200	10800	1300	2,368,000	5,191,000

**BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA**

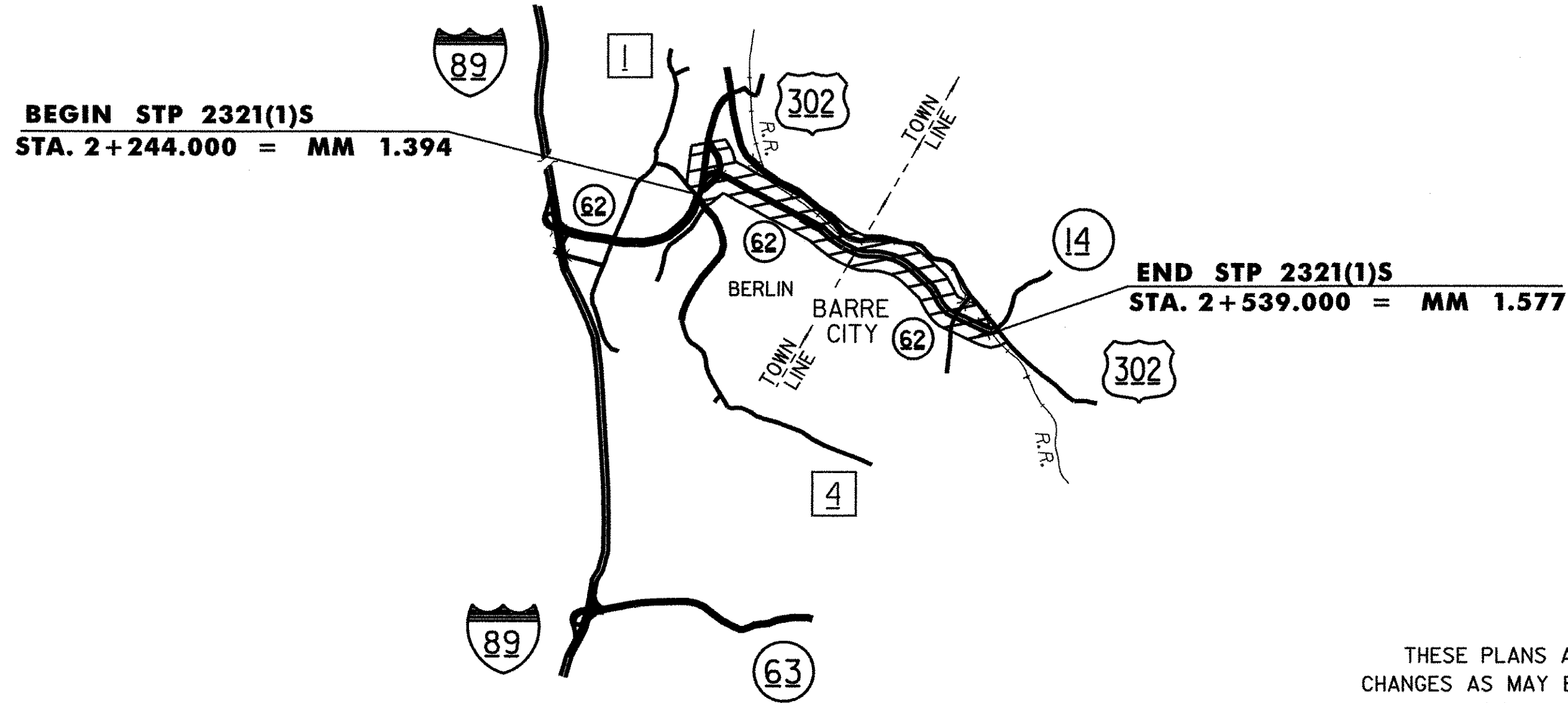
DESIGN LANE/DESIGN LIFE ESAL	2,857,000
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	58-34

**CONVENTIONAL SYMBOLS**

COUNTY LINE	— — — — —	COUNTY LINE	— — — — —
TOWN LINE	— — — — —	TOWN LINE	— — — — —
LIMITS OF ACCESS	— o — o — o — o —		
POINT OF ACCESS	X		
FENCE LINE	x — x — x — x —		
STONE WALL	o — o — o — o — o —		
TRAVELED WAY	— — — — —		
GUARD RAIL	o — o — o — o — o —		
RAILROAD	— — — — —		
SURVEY LINE	— — — — —		
CULVERT	— — — — —		
POWER POLE	⊕		
TELEPHONE POLE	⊕		
TREES	⊕		
CONTROL OF ACCESS	— // — // — // —		
PROPERTY LINE	— — — — —		
R.O.W. TAKING LINE	— SR — SR — SR —		
SLOPE RIGHTS	— — — — —		
TOP OF CUT	— — — — —		
TOE OF SLOPE	— — — — —		

SURVEYED BY : N/A  
 SURVEYED DATE : N/A

DATUM  
 VERTICAL N/A  
 HORIZONTAL N/A



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.

UNLESS OTHERWISE NOTED, ALL DRAWINGS AND DETAILS ON THESE PLANS ARE DRAWN 'NOT TO SCALE'.



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

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROJECT DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JANUARY 4, 2001 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: \_\_\_\_\_ DATE: \_\_\_\_\_

DIRECTOR OF PROJECT DEVELOPMENT

APPROVED: *J. V. BA* DATE: 12-27-04

PROJECT MANAGER : WOOLAVER

PROJECT NAME : BERLIN - BARRE CITY  
 PROJECT NUMBER : STP 2321(1)S

SHEET 1 OF 39 SHEETS