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STRUCTURES DETAIL SHEET
SD-516.10 BRIDGE JOINT ASPHALTIC PLUG

VAOT STANDARDS

C-2A	10-14-05	E-127	08-08-95
C-2B	10-14-05	E-128B	08-08-95
C-3A	03-10-08	E-134	08-08-95
C-3B	03-10-08	E-136B	08-08-95
C-10	02-11-08	E-138	05-30-03
D-3	06-01-94	E-140	08-30-96
D-6	06-01-94	E-141	09-20-95
D-8	01-03-00	E-142	09-20-95
D-9	06-01-94	E-143	06-15-04
D-15	06-01-94	E-145A	12-23-94
D-16	06-01-94	E-150	05-01-04
E-100	01-02-04	E-151	05-01-04
E-100A	01-02-04	E-152	05-01-04
E-101	05-30-03	E-153	05-01-04
E-102	06-30-03	E-154	05-01-04
E-102A	05-01-04	E-164	06-08-09
E-108	03-01-04	E-191	02-01-99
E-108B	03-01-04	E-192	10-12-00
E-107	06-30-03	E-193	08-18-95
E-107A	06-08-09	G-1	01-03-00
E-108	06-08-09	G-1d	01-03-00
E-108A	06-08-09	G-19	11-15-02
E-110	08-08-95	J-3	08-07-95
E-120	08-08-95		
E-121	08-08-95		
E-123	03-16-04		

TRAFFIC DATA
VT ROUTE 116

LOCATION	AADT		DHV		ESALS	
	2012	2022	2012	2022	2012-2022	2012-2032
BEGIN PROJECT TO STATES PRISON HOLLOW ROAD	2,600	2,700	290	300	857,000	1,959,000
STATES PRISON HOLLOW ROAD TO HOLLOW ROAD	2,400	2,500	270	280	659,000	1,620,000
HOLLOW ROAD TO NORTH ROAD	4,900	5,000	550	560	2,078,000	5,021,000
NORTH ROAD TO SILVER STREET	4,300	4,500	450	480	1,163,000	2,651,000
SILVER STREET TO CHARLOTTE ROAD	7,500	7,700	790	810	1,590,000	3,931,000
CHARLOTTE ROAD TO MECHANICSVILLE ROAD	12,900	13,300	1400	1400	2,336,000	5,787,000
MECHANICSVILLE ROAD TO SHELBURNE FALLS ROAD/CVU ROAD	8,800	9,000	980	1000	1,642,000	4,049,000
SHELBURNE FALLS ROAD/CVU ROAD TO END PROJECT	8,700	8,900	970	1000	1,406,000	3,490,000

QUALITY ASSURANCE PROGRAM: LEVEL 3

CONVENTIONAL SYMBOLS

COUNTY LINE	— — — — —
TOWN LINE	— — — — —
LIMITS OF ACCESS	— — — — —
POINT OF ACCESS	X
FENCE LINE	X — X — X — X —
STONE WALL	— — — — —
TRAVELED WAY	— — — — —
GUARDRAIL	— — — — —
RAILROAD	— — — — —
SURVEY LINE	— — — — —
CULVERT	— — — — —
UTILITY POLE	⊕
TREES	⊗
CONTROL OF ACCESS	— — — — —
PROPERTY LINE	— — — — —
R.O.W. TAKING LINE	— — — — —
SLOPE RIGHTS	— — — — —
TOP OF CUT	— — — — —
TOE OF SLOPE	— — — — —

BEGIN STP 2930(1)
VT ROUTE 116 STARKSBORO
STA. 87+12.00 (MM 1.650)

SURVEYED BY :
SURVEYED DATE :

DATUM
VERTICAL
HORIZONTAL

STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
TOWNS OF STARKSBORO & HINESBURG
COUNTIES OF ADDISON & CHITTENDEN
VT ROUTE 116
MINOR ARTERIAL

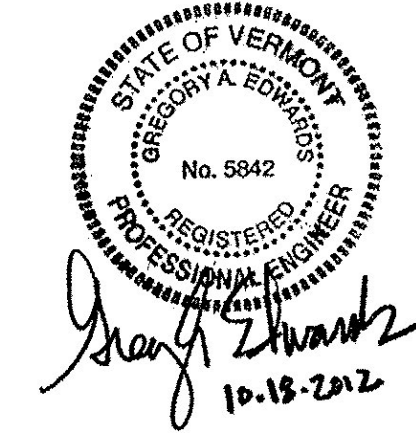
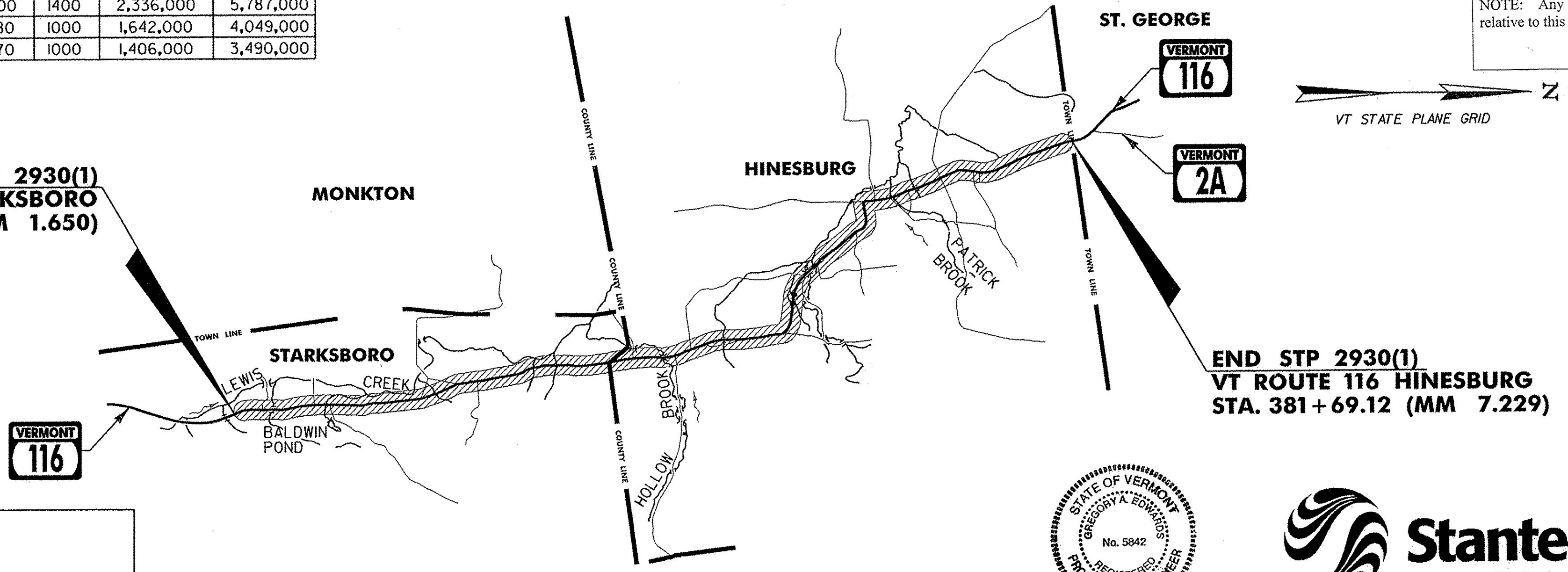
BEGINNING IN THE TOWN OF STARKSBORO ON VT ROUTE 116 AT STA. 87+12.00 (MM 1.650) AND EXTENDING NORTHERLY ALONG VT ROUTE 116 FOR A DISTANCE OF 64,674.72 FEET (12.249 MILES) TO HINESBURG STA. 381+69.12 (MM 7.229).

PROJECT DATA:

TOWN OF STARKSBORO	LENGTH (FEET)	LENGTH (MILES)
VT ROUTE 116	STA. 87+12.00 TO STA. 352+17.60	26,505.60
MM 1.650 TO 6.670		5.020
TOWN OF HINESBURG	VT ROUTE 116	
STA. 0+00.00 TO 381+69.12	38,169.12	7.229
MM 0.000 TO 7.229		

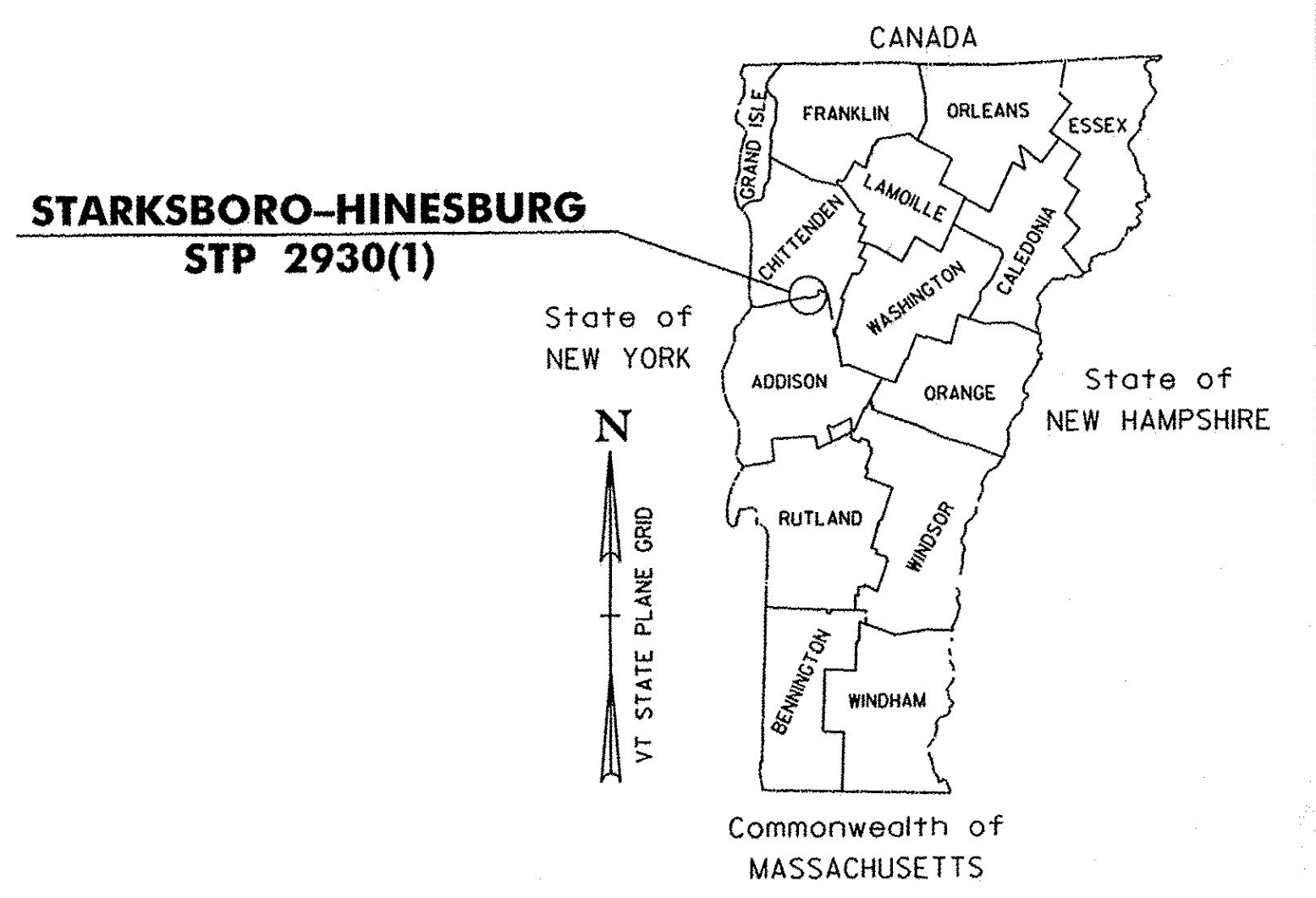
TOTAL LENGTH OF PROJECT: 64,674.72 12.249
TOTAL LENGTH OF ROADWAY: 64,674.72 12.249

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE EXISTING HIGHWAY WITH A LEVELING AND WEARING COURSE, NEW PAVEMENT MARKINGS, GUARDRAIL, SIGNS, VIDEO DETECTION CAMERAS, AND OTHER RELATED HIGHWAY ITEMS.



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DIRECTOR OF PROGRAM DEVELOPMENT
APPROVED: *[Signature]* DATE 11-28-12
PROJECT MANAGER : MICHAEL FOWLER
PROJECT NAME : STARKSBORO-HINESBURG
PROJECT NUMBER : STP 2930 (1)
SHEET 1 OF 119 SHEETS



SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA

DESIGN LANE/DESIGN LIFE ESALS	2,893,500
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	SEE SUBSECTION 490.03(b)

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN, VT
RESIDENT ENGINEER: DALE NORTON
CONSTRUCTION BEGAN: MAY 15, 2013
CONSTRUCTION COMPLETE: SEPTEMBER 17, 2013
RECORD PLANS BY: DALE NORTON & CRAIG PIERCE

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

BY: *[Signature]* For RESIDENT ENGINEER
DATE: 11-15-12 Dale Norton

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.

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 PURPOSES.

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 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.

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