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STRUCTURES DETAIL SHEET
SD-SIGLO BRIDGE JOINT ASPHALTIC PLUG

VAOT STANDARDS

E-100	01/02/04
E-101	05/30/03
E-102	06/30/03
E-102A	05/01/04
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E-105	05/01/04
E-106	03/01/04
E-107A	06/08/09
E-108A	06/08/09
E-191	02/01/99
E-192	10/12/00
E-193	08/18/95

STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
TOWNS OF RICHMOND, WILLISTON,
SOUTH BURLINGTON, WINOOSKI
& COLCHESTER
COUNTY OF CHITTENDEN
INTERSTATE ROUTE 89 (NHS)

IM SURF (38) NORTHBOUND:
BEGINNING IN THE TOWN OF RICHMOND AT MILE MARKER 79.000 AND EXTENDING NORTHERLY ALONG INTERSTATE ROUTE 89
(NORTHBOUND LANE) FOR A DISTANCE OF 68,006.40 FT (12.880 MILES) TO MILE MARKER 91.880 IN THE TOWN OF COLCHESTER.

LENGTH OF ROADWAY = 68,006.40 FT = (12.880 MILES)

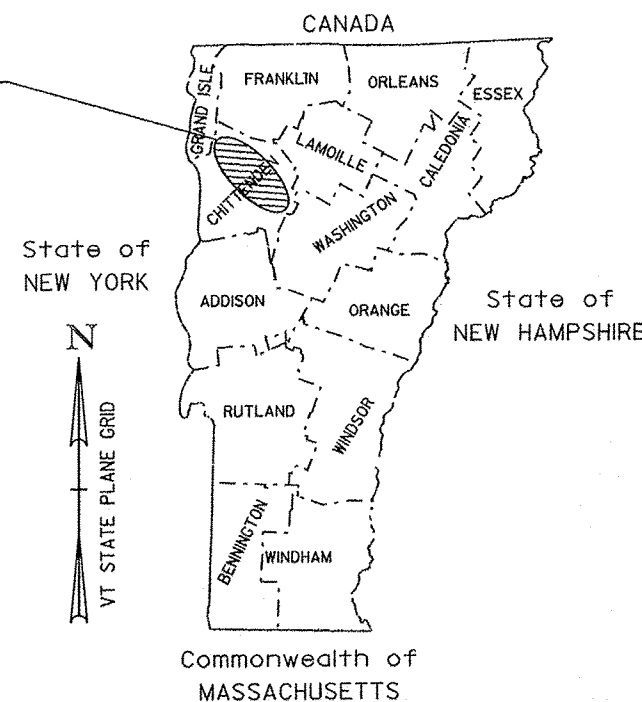
IM SURF (38) SOUTHBOUND:
BEGINNING IN THE TOWN OF RICHMOND AT MILE MARKER 79.000 AND EXTENDING NORTHERLY ALONG INTERSTATE ROUTE 89
(SOUTHBOUND LANE) FOR A DISTANCE OF 68,006.40 FT (12.880 MILES) TO MILE MARKER 91.880 IN THE TOWN OF COLCHESTER.

LENGTH OF ROADWAY = 68,006.40 FT = (12.880 MILES)

LENGTH OF PROJECT = 68,006.40 FT = (12.880 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES SURFACE PREPARATION INVOLVING PATCHING, POT HOLE REPAIR,
CRACK SEALING AND OVERLAYING WITH A THIN BITUMINOUS CONCRETE WEARING SURFACE ON THE EXISTING INTERSTATE TYPICAL, AND APPLICABLE PAVEMENT MARKINGS.

PROJECT LOCATION
RICHMOND - COLCHESTER IM SURF (38)



RECORD PLANS

CONTRACTOR: F.W. WHITCOMB CONSTRUCTION CORP. - WALPOLE, NH

RESIDENT ENGINEER: JOSH HULETT

CONSTRUCTION BEGAN: APRIL 20, 2014

CONSTRUCTION COMPLETE: OCTOBER 14, 2014

RECORD PLANS BY: JOSH HULETT & JENNA HYDE

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

BY *Josh Hulett* RESIDENT ENGINEER

DATE March 3, 2016

NOTE: Any further information concerning final quantities, amounts or other details
relative to this project may be found at Central Files in the electronic archive.

TRAFFIC DATA

I-89 NB	2013 AADT	2023 AADT	2013 DHV	2023 DHV	FLEXIBLE EST. (2013-2023)	FLEXIBLE EST. (2013-2023)
BEGIN PROJECT TO EXIT I2	14,800	16,300	1,700	1,900	3,707,000	8,869,000
EXIT I2 TO EXIT I3	19,900	22,100	2,600	2,900	4,565,000	1,427,000
EXIT I3 TO EXIT I4	20,200	22,300	2,600	2,900	3,807,000	9,603,000
EXIT I4 TO EXIT I5	27,800	30,800	3,600	4,000	4,275,000	10,712,000
EXIT I5 TO END PROJECT	18,200	20,500	2,900	3,300	5,754,000	15,046,000

I-89 SB	2013 AADT	2023 AADT	2013 DHV	2023 DHV	FLEXIBLE EST. (2013-2023)	FLEXIBLE EST. (2013-2023)
BEGIN PROJECT TO EXIT I2	14,800	16,300	1,800	2,000	3,169,000	7,578,000
EXIT I2 TO EXIT I3	19,900	22,100	2,600	2,900	3,920,000	9,946,000
EXIT I3 TO EXIT I4	20,200	22,300	2,700	3,000	3,583,000	9,013,000
EXIT I4 TO EXIT I5	27,800	30,800	3,700	4,000	4,484,000	11,247,000
EXIT I5 TO END PROJECT	18,200	20,500	3,300	3,800	5,289,000	13,794,000

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 THE DRAWINGS AND DETAILS
ON THESE PLANS ARE DRAWN NOT TO SCALE.

DIRECTOR OF PROGRAM DEVELOPMENT

APPROVED: *Richard F. Howard* DATE: 7-15-15

PROJECT MANAGER: MIKE FOWLER, P.E.

PROJECT NAME: RICHMOND - COLCHESTER

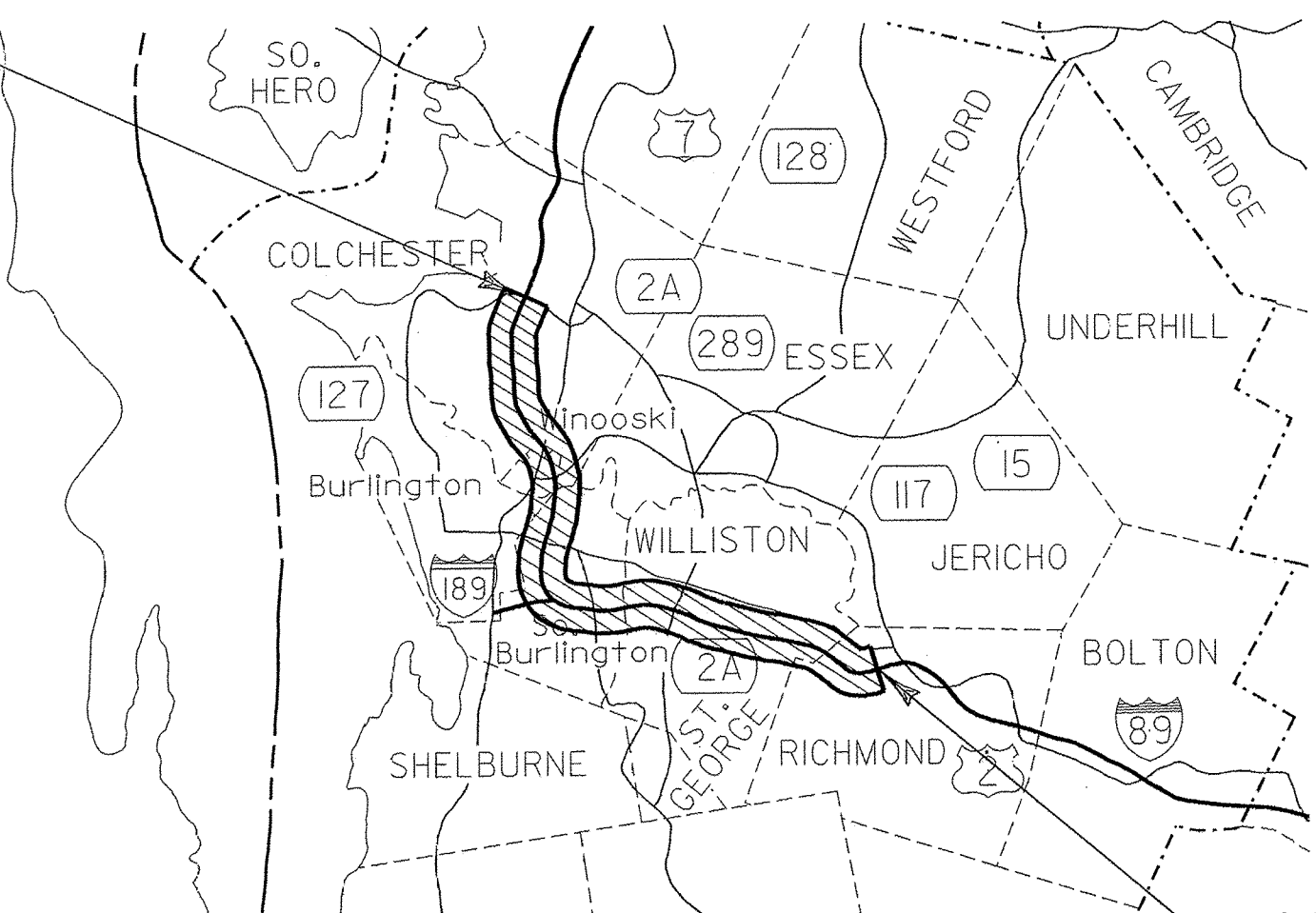
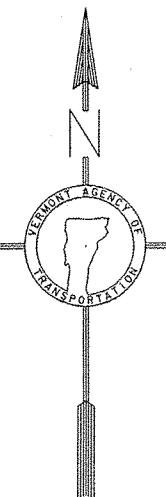
PROJECT NUMBER: IM SURF (38)

SHEET 1 OF 40 SHEETS

QUALITY ASSURANCE PROGRAM LEVEL I

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	



BEGIN IM SURF(38)
MM 79.000 NB & SB